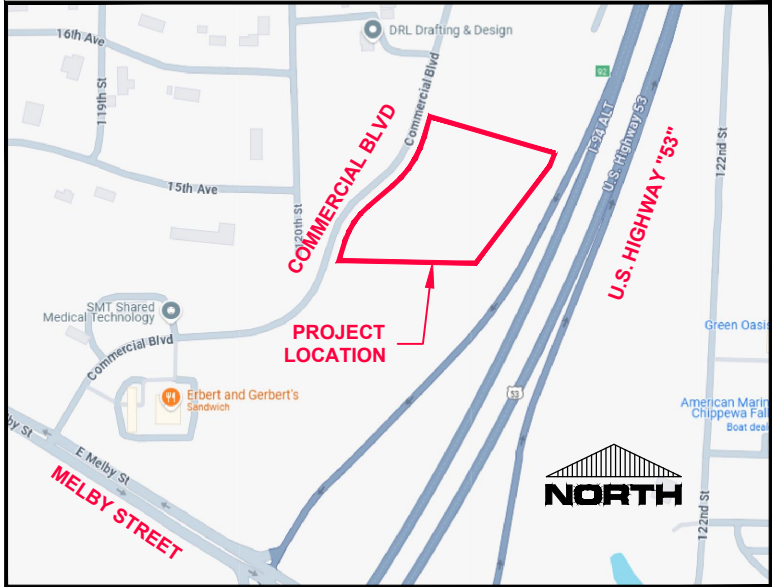


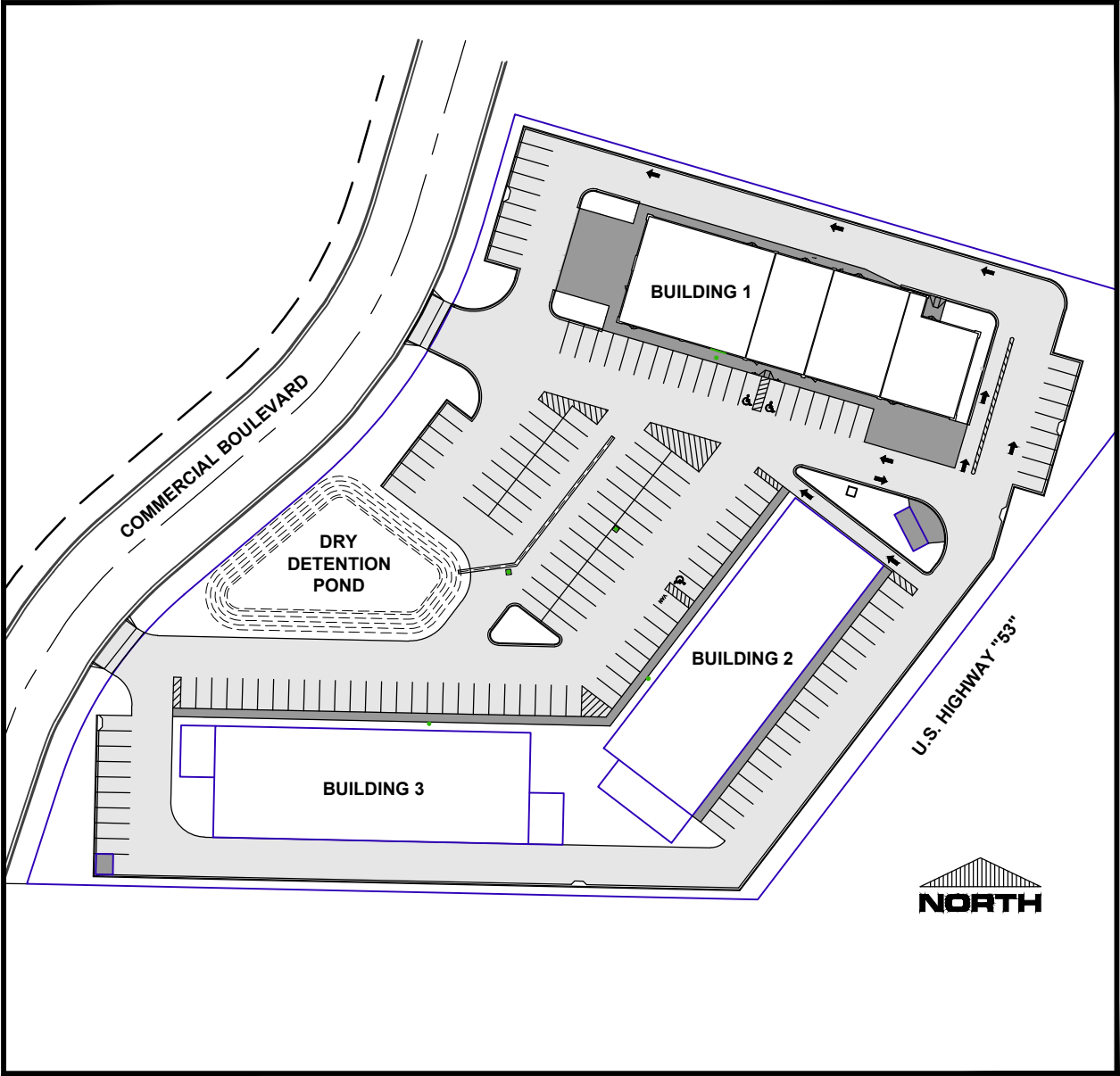
COMMERCIAL PROPERTIES

COMMERCIAL DEVELOPMENT

VILLAGE OF LAKE HALLIE, CHIPPEWA COUNTY



VICINITY MAP
(N.T.S.)



PROJECT SITE
COMMERCIAL BOULEVARD
VILLAGE OF LAKE HALLIE
(N.T.S.)

OWNER:
COMMERCIAL PROPERTIES, LLC
MR. DAMIAN PRINCE
6451 160TH AVENUE
BLOOMER, WI 54724
EMAIL: DAMIAN@CVEXCAVATING.COM
PHONE: 715-559-0443

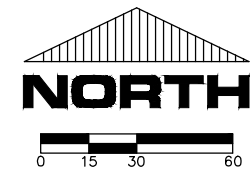
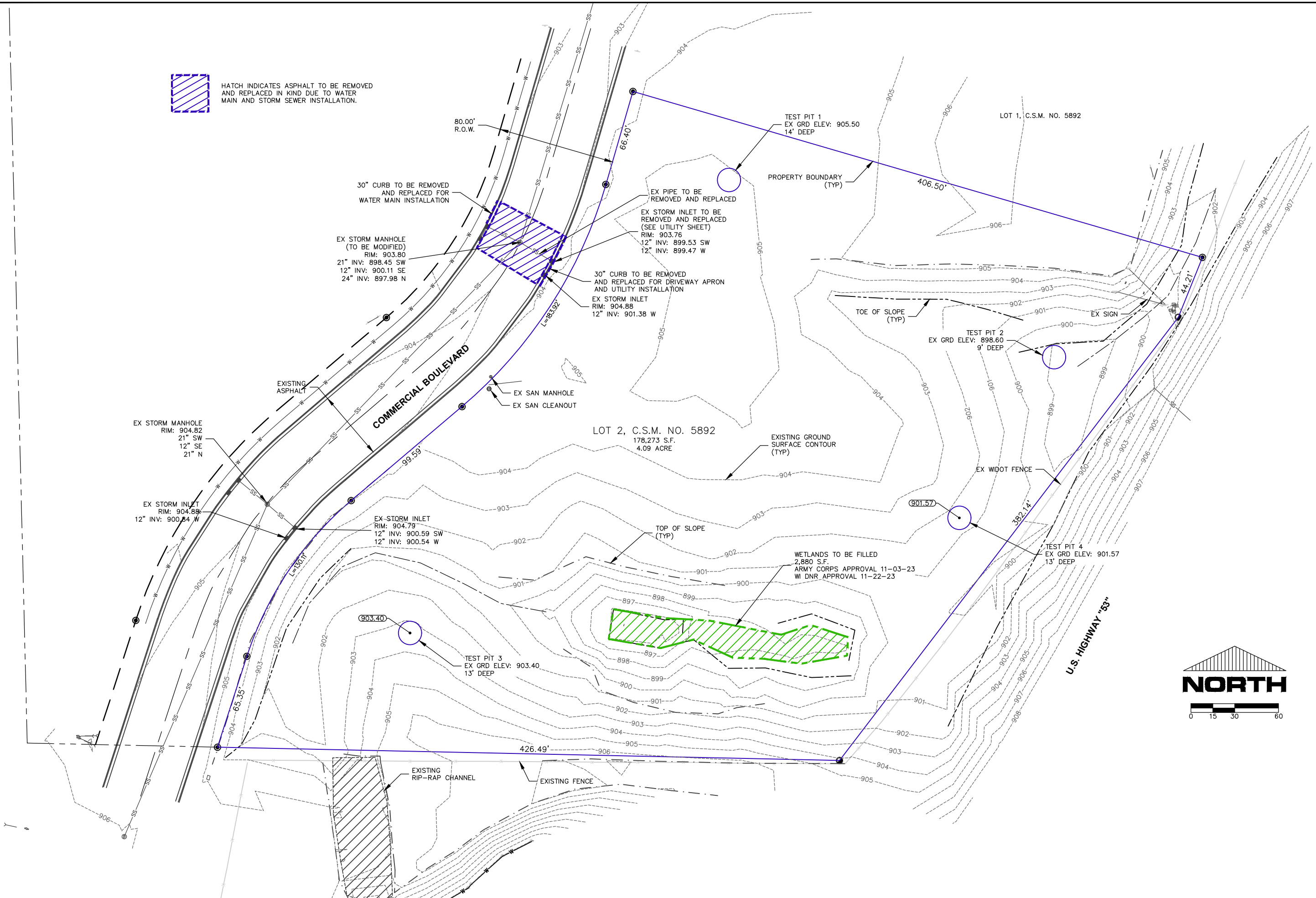
ENGINEER:
EVERYDAY SURVEYING & ENGINEERING, LLC
MR. DANIEL KNOWLTON
711 S. HILLCREST PARKWAY
ALTOONA, WI 54720
EMAIL: DAN@ESELLC.CO
PHONE: 715-831-0654

SHEET INDEX:	
C100	TITLE SHEET
C101	EXISTING CONDITIONS AND DEMO PLAN
C102	SITE PLAN - OVERALL
C103	SITE PLAN - PHASE 1
C104	GRADING PLAN - OVERALL
C105	GRADING PLAN - PHASE 1
C106	EROSION CONTROL PLAN - OVERALL
C107	UTILITY PLAN
C500	CONSTRUCTION DETAILS
C501	CONSTRUCTION DETAILS
C502	CONSTRUCTION DETAILS

NOT FOR CONSTRUCTION



HATCH INDICATES ASPHALT TO BE REMOVED AND REPLACED IN KIND DUE TO WATER MAIN AND STORM SEWER INSTALLATION.

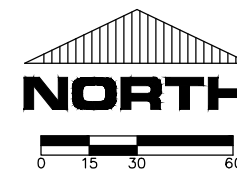
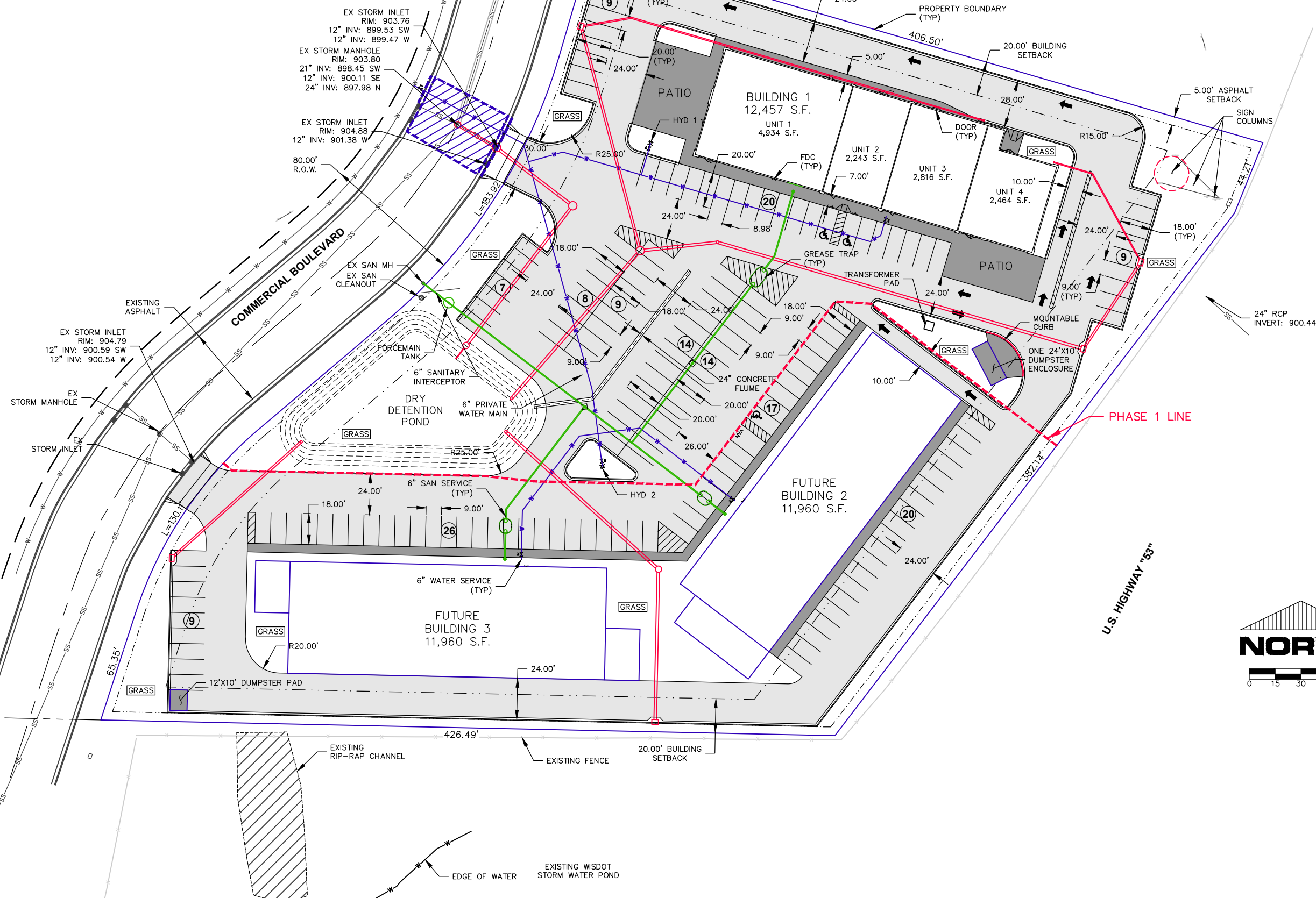
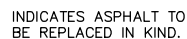


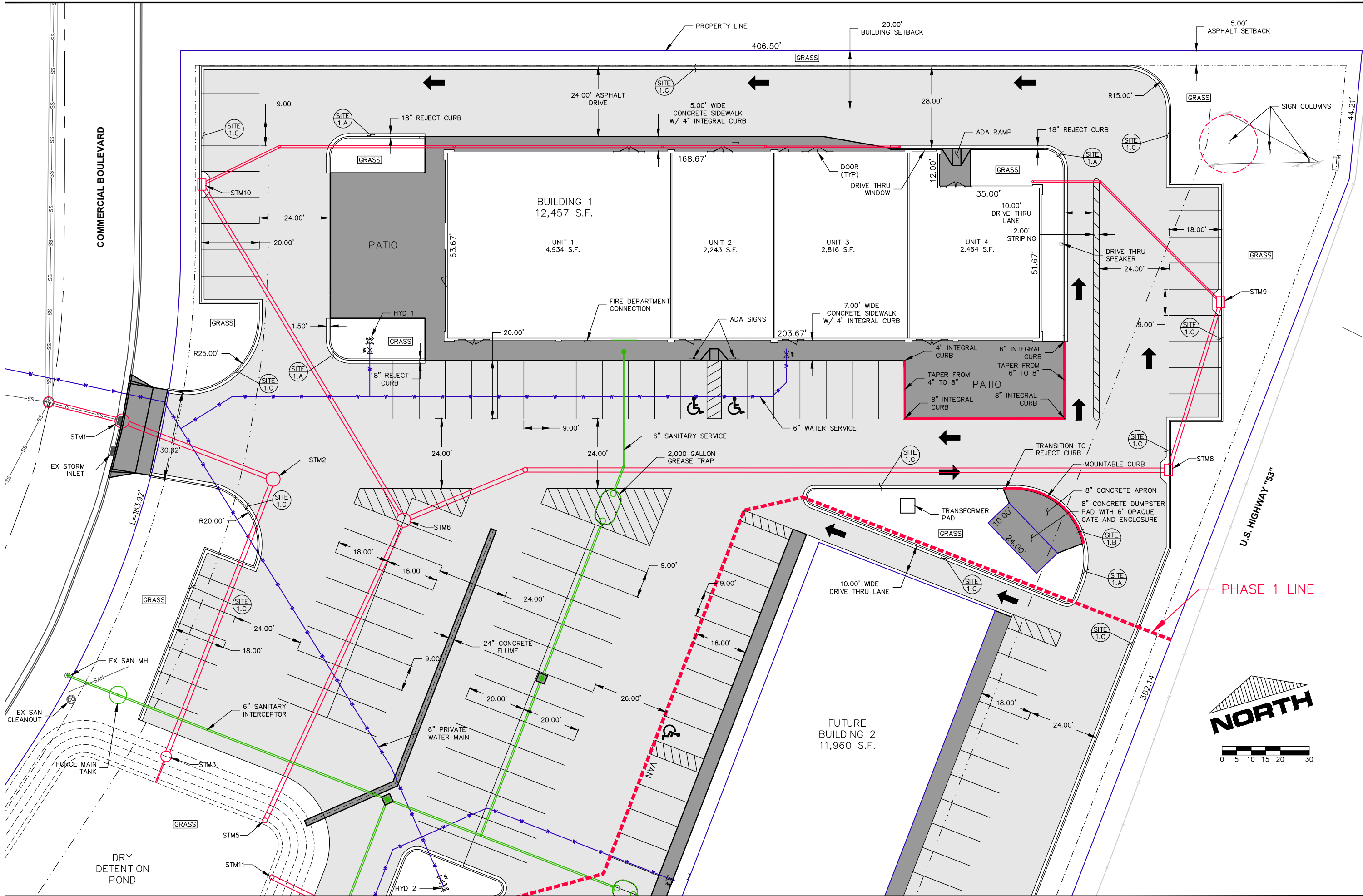
EVERYDAY SURVEYING & ENGINEERING
711 S. HILLCREST PARKWAY • ALTOONA, WI 54720
PH: (715) 851-0654 • EMAIL: INFO@ESE.CO

JOB NO:	23063
DR BY:	DHK
CHK BY:	MAE
DATE:	01-28-25
DWG NAME:	EXIST
APPROV:	XX-XX-XX

COMMERCIAL PROPERTIES
EXISTING CONDITIONS PLAN
VILLAGE OF LAKE HALLIE, CHIPPEWA COUNTY, WI

SHEET NO:
C101



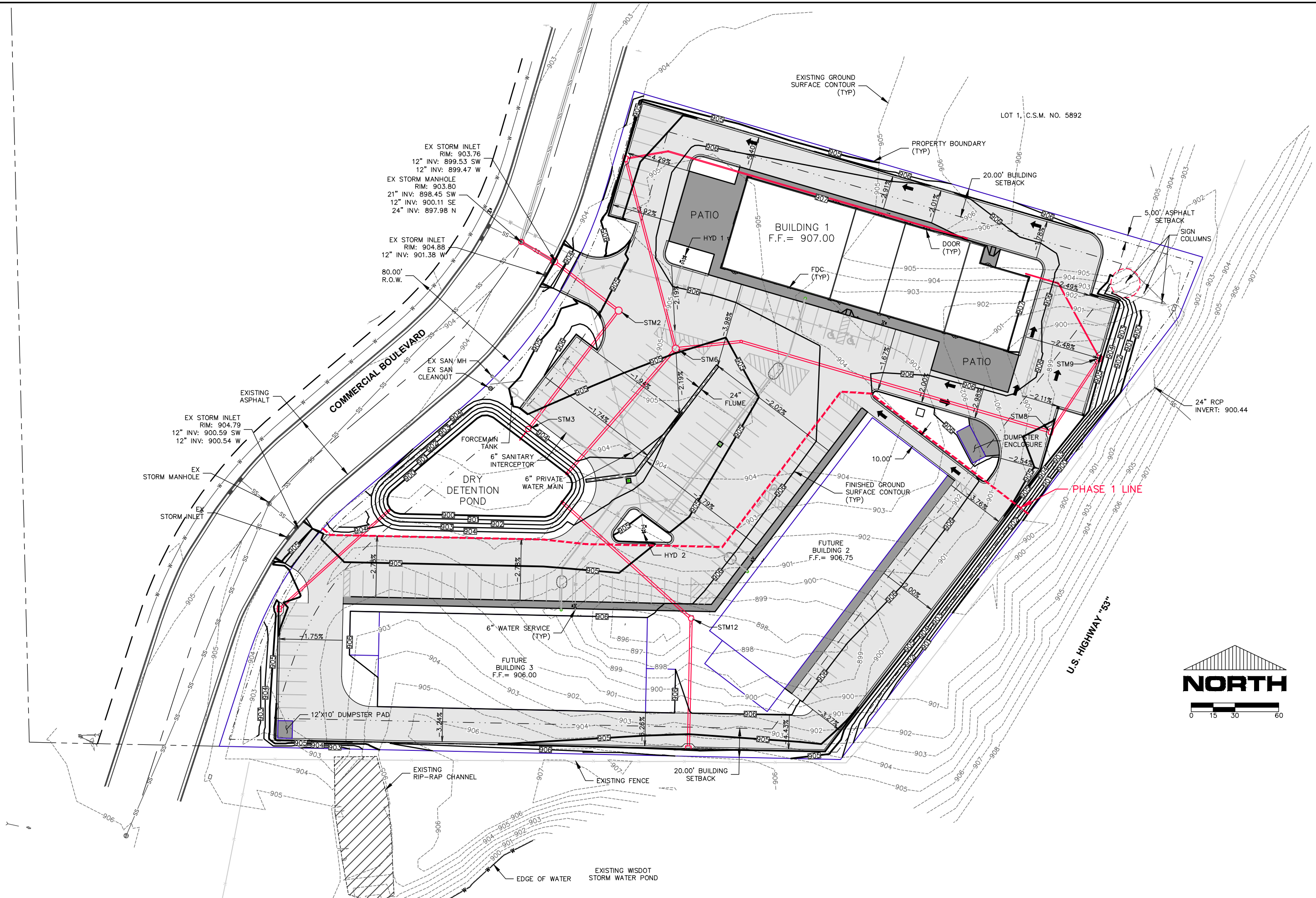




EVERYDAY SURVEYING & ENGINEERING
711 S. HILLCREST PARKWAY • ALTOONA, WI 54720
PH: (715) 851-0654 • EMAIL: INFO@ESECO

DR BY: DHK	JOB NO: 23063	SHEET NO: C103
CHK BY: MAE	DWG NAME: SITE - PHASE 1	
DATE: 01-28-25	APPROV: XX-XX-XX	

COMMERCIAL PROPERTIES
SITE PLAN - PHASE 1
VILLAGE OF LAKE HALLIE, CHIPPEWA COUNTY, WI



EVERYDAY SURVEYING & ENGINEERING

711 S. HILLCREST PARKWAY • ALTOONA, WI 54720
 PH: (715) 831-0654 • EMAIL: INFO@ESECO

DR BY: DHK	JOB NO: 23063	GRADE - OVERALL APPROV: XX-XX-XX
CHK BY: MAE	DWG NAME:	
DATE: 01-28-25	DATE:	

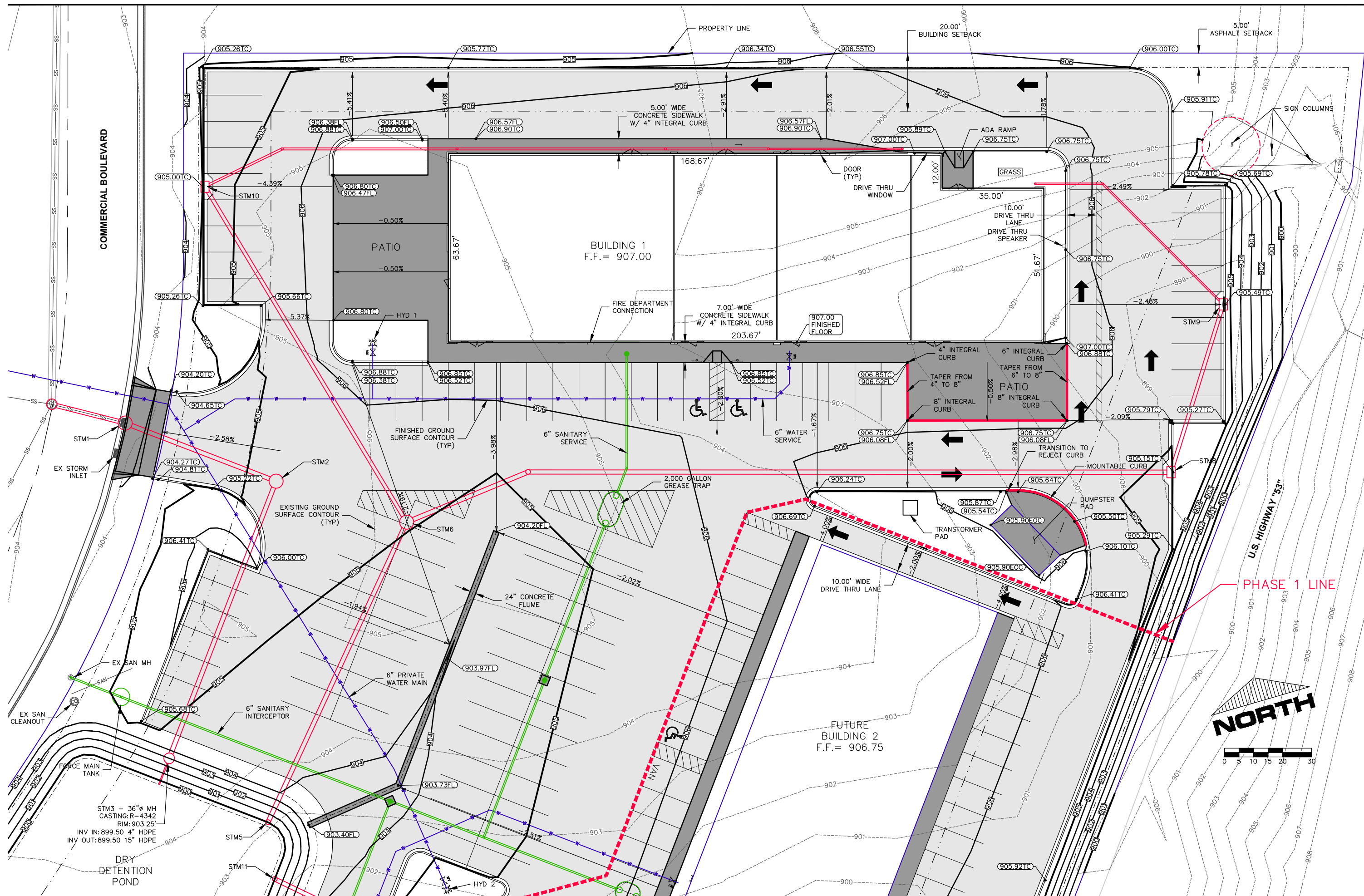
COMMERCIAL PROPERTIES

GRADING PLAN - OVERALL

VILLAGE OF LAKE HALLIE, CHIPPEWA COUNTY, WI

SHEET NO:

C104



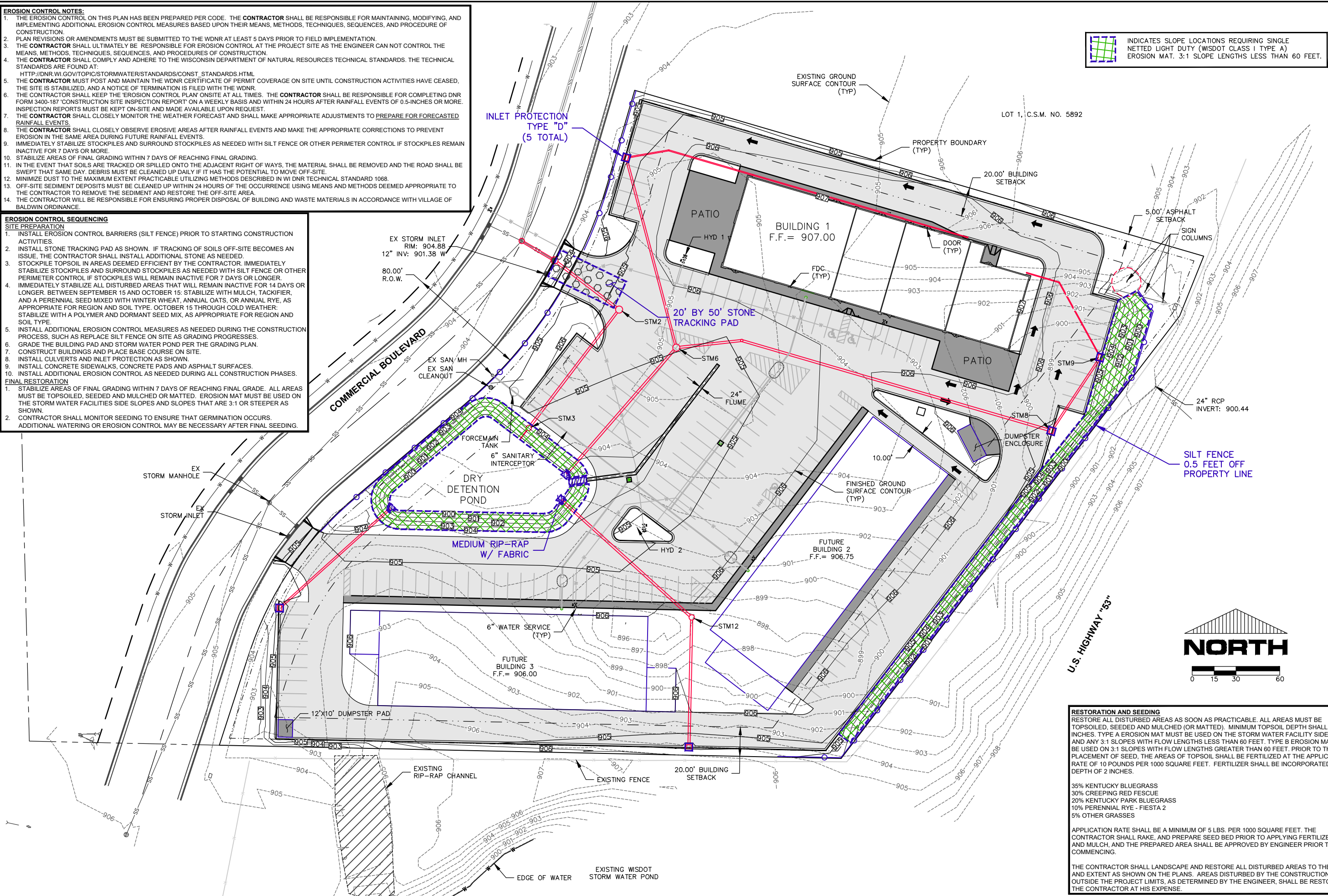
EVERYDAY SURVEYING & ENGINEERING

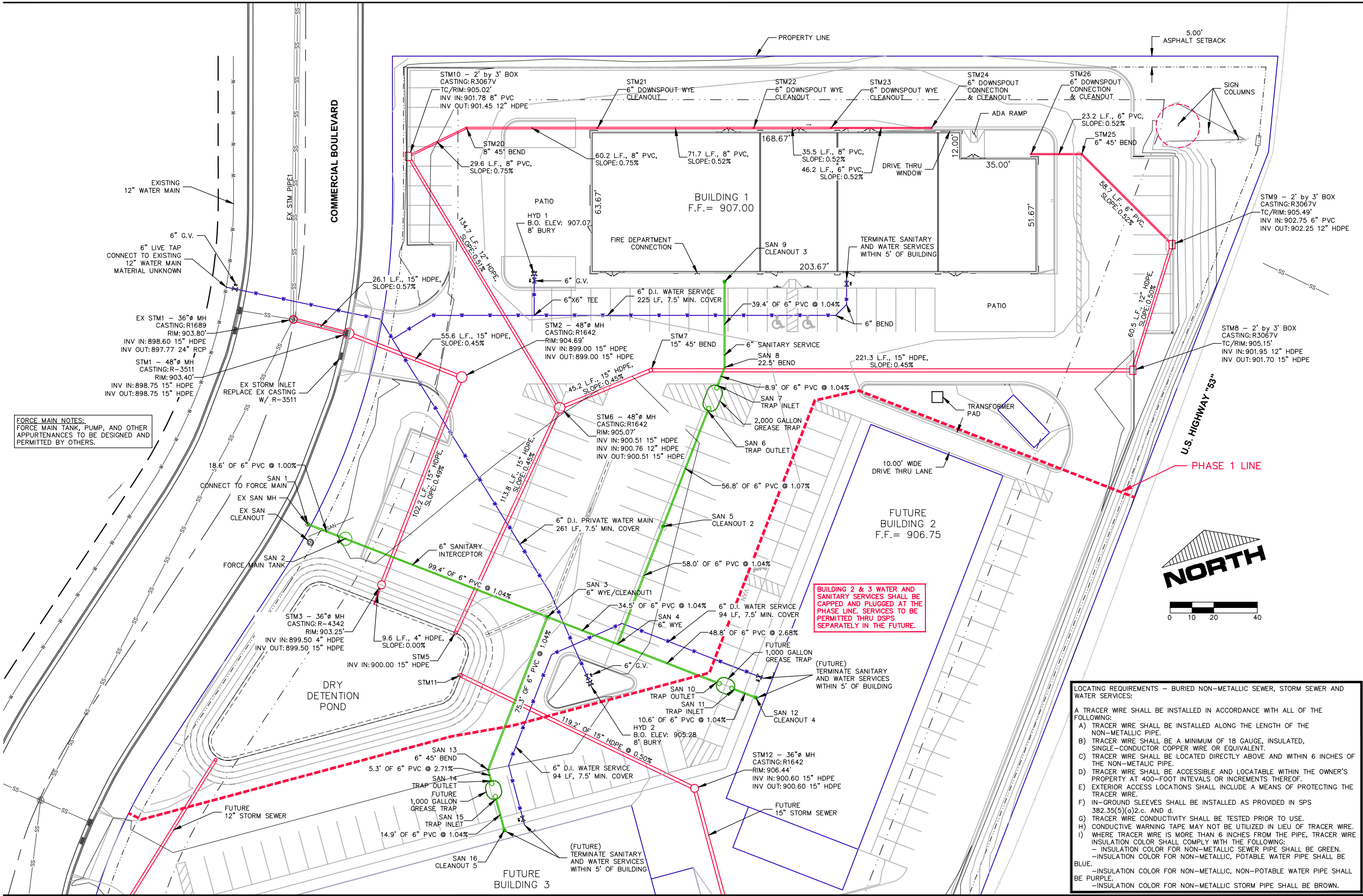
DR BY: DHK	JOB NO: 23063
CHK BY: MAE	DWG NAME: GRADE-PHASE1
DATE: 01-28-25	APRVD: XX-XX-XX

SHEET NO:
C105

- EROSION CONTROL NOTES:**
1. THE EROSION CONTROL ON THIS PLAN HAS BEEN PREPARED PER CODE. THE **CONTRACTOR** SHALL BE RESPONSIBLE FOR MAINTAINING, MODIFYING, AND IMPLEMENTING ADDITIONAL EROSION CONTROL MEASURES BASED UPON THEIR MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURE OF CONSTRUCTION.
 2. PLAN REVISIONS OR AMENDMENTS MUST BE SUBMITTED TO THE WDNR AT LEAST 5 DAYS PRIOR TO FIELD IMPLEMENTATION.
 3. THE **CONTRACTOR** SHALL ULTIMATELY BE RESPONSIBLE FOR EROSION CONTROL AT THE PROJECT SITE AS THE ENGINEER CAN NOT CONTROL THE MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURE OF CONSTRUCTION.
 4. THE **CONTRACTOR** SHALL COMPLY AND ADHERE TO THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES TECHNICAL STANDARDS. THE TECHNICAL STANDARDS ARE FOUND AT:
HTTP://DNR.WI.GOV/TOPIC/STORMWATER/STANDARDS/CONST. STANDARDS.HTML
 5. THE **CONTRACTOR** MUST POST AND MAINTAIN THE WDNR CERTIFICATE OF PERMIT COVERAGE ON SITE UNTIL CONSTRUCTION ACTIVITIES HAVE CEASED, THE SITE IS STABILIZED, AND A NOTICE OF TERMINATION IS FILED WITH THE WDNR.
 6. THE **CONTRACTOR** SHALL KEEP THE 'EROSION CONTROL PLAN' ONSITE AT ALL TIMES. THE **CONTRACTOR** SHALL BE RESPONSIBLE FOR COMPLETING DNR FORM 3400-187 'CONSTRUCTION SITE INSPECTION REPORT' ON A WEEKLY BASIS AND WITHIN 24 HOURS AFTER RAINFALL EVENTS OF 0.5-INCHES OR MORE. INSPECTION REPORTS MUST BE KEPT ON-SITE AND MADE AVAILABLE UPON REQUEST.
 7. THE **CONTRACTOR** SHALL CLOSELY MONITOR THE WEATHER FORECAST AND SHALL MAKE APPROPRIATE ADJUSTMENTS TO PREPARE FOR FORECASTED RAINFALL EVENTS.
 8. THE **CONTRACTOR** SHALL CLOSELY OBSERVE EROSION AREAS AFTER RAINFALL EVENTS AND MAKE THE APPROPRIATE CORRECTIONS TO PREVENT EROSION IN THE SAME AREA DURING FUTURE RAINFALL EVENTS.
 9. IMMEDIATELY STABILIZE STOCKPILES AND SURROUND STOCKPILES AS NEEDED WITH SILT FENCE OR OTHER PERIMETER CONTROL IF STOCKPILES REMAIN INACTIVE FOR 7 DAYS OR MORE.
 10. STABILIZE AREAS OF FINAL GRADING WITHIN 7 DAYS OF REACHING FINAL GRADING.
 11. IN THE EVENT THAT SOILS ARE TRACKED OR SPILLED ONTO THE ADJACENT RIGHT OF WAYS, THE MATERIAL SHALL BE REMOVED AND THE ROAD SHALL BE SWEEPED THAT SAME DAY. DEBRIS MUST BE CLEANED UP DAILY IF IT HAS THE POTENTIAL TO MOVE OFF-SITE.
 12. MINIMIZE DUST TO THE MAXIMUM EXTENT PRACTICABLE UTILIZING METHODS DESCRIBED IN WI DNR TECHNICAL STANDARD 1068.
 13. OFF-SITE SEDIMENT DEPOSITS MUST BE CLEANED UP WITHIN 24 HOURS OF THE OCCURRENCE USING MEANS AND METHODS DEEMED APPROPRIATE TO THE CONTRACTOR TO REMOVE THE SEDIMENT AND RESTORE THE OFF-SITE AREA.
 14. THE **CONTRACTOR** WILL BE RESPONSIBLE FOR ENSURING PROPER DISPOSAL OF BUILDING AND WASTE MATERIALS IN ACCORDANCE WITH VILLAGE OF BALDWIN ORDINANCE.

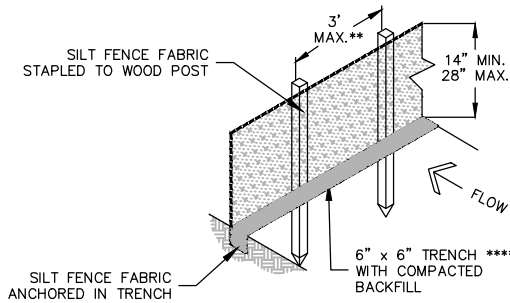
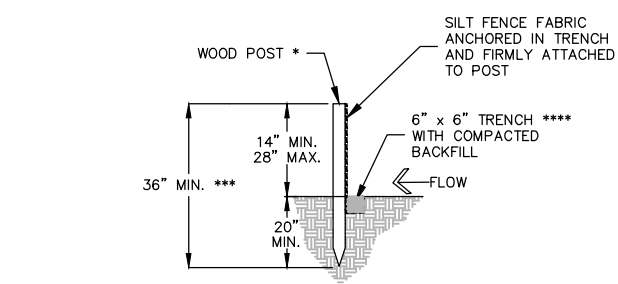
- EROSION CONTROL SEQUENCING**
- SITE PREPARATION**
1. INSTALL EROSION CONTROL BARRIERS (SILT FENCE) PRIOR TO STARTING CONSTRUCTION ACTIVITIES.
 2. INSTALL STONE TRACKING PAD AS SHOWN. IF TRACKING OF SOILS OFF-SITE BECOMES AN ISSUE, THE **CONTRACTOR** SHALL INSTALL ADDITIONAL STONE AS NEEDED.
 3. STOCKPILE TOPSOIL IN AREAS DEEMED EFFICIENT BY THE **CONTRACTOR**. IMMEDIATELY STABILIZE STOCKPILES AND SURROUND STOCKPILES AS NEEDED WITH SILT FENCE OR OTHER PERIMETER CONTROL IF STOCKPILES WILL REMAIN INACTIVE FOR 7 DAYS OR LONGER.
 4. IMMEDIATELY STABILIZE ALL DISTURBED AREAS THAT WILL REMAIN INACTIVE FOR 14 DAYS OR LONGER. BETWEEN SEPTEMBER 15 AND OCTOBER 15: STABILIZE WITH MULCH, TACKIFIER, AND A PERENNIAL SEED MIXED WITH WINTER WHEAT, ANNUAL OATS, OR ANNUAL RYE, AS APPROPRIATE FOR REGION AND SOIL TYPE. OCTOBER 15 THROUGH COLD WEATHER: STABILIZE WITH A POLYMER AND DORMANT SEED MIX, AS APPROPRIATE FOR REGION AND SOIL TYPE.
 5. INSTALL ADDITIONAL EROSION CONTROL MEASURES AS NEEDED DURING THE CONSTRUCTION PROCESS, SUCH AS REPLACE SILT FENCE ON SITE AS GRADING PROGRESSES.
 6. GRADE THE BUILDING PAD AND STORM WATER POND PER THE GRADING PLAN.
 7. CONSTRUCT BUILDINGS AND PLACE BASE COURSE ON SITE.
 8. INSTALL CULVERTS AND INLET PROTECTION AS SHOWN.
 9. INSTALL CONCRETE SIDEWALKS, CONCRETE PADS AND ASPHALT SURFACES.
 10. INSTALL ADDITIONAL EROSION CONTROL AS NEEDED DURING ALL CONSTRUCTION PHASES.
- FINAL RESTORATION**
1. STABILIZE AREAS OF FINAL GRADING WITHIN 7 DAYS OF REACHING FINAL GRADE. ALL AREAS MUST BE TOPSOILED, SEEDED AND MULCHED OR MATTED. EROSION MAT MUST BE USED ON THE STORM WATER FACILITIES SIDE SLOPES AND SLOPES THAT ARE 3:1 OR STEEPER AS SHOWN.
 2. **CONTRACTOR** SHALL MONITOR SEEDING TO ENSURE THAT GERMINATION OCCURS. ADDITIONAL WATERING OR EROSION CONTROL MAY BE NECESSARY AFTER FINAL SEEDING.





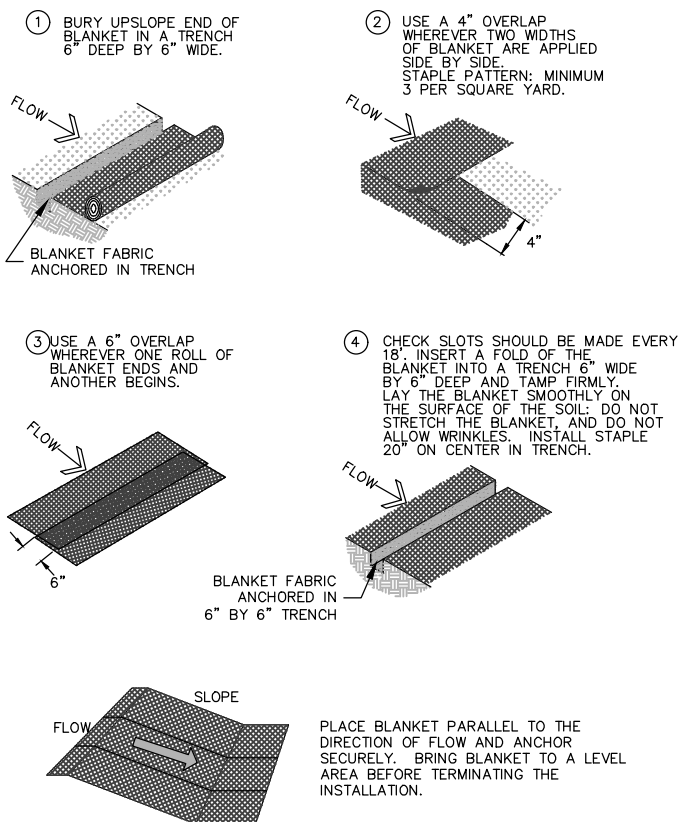
FORCE MAIN NOTES:
FORCE MAIN TANK, PUMP, AND OTHER
APPURTENANCES TO BE DESIGNED AND
PERMITTED BY OTHERS.

LOCATING REQUIREMENTS - BURIED NON-METALLIC SEWER, STORM SEWER AND WATER SERVICES:
A TRACER WIRE SHALL BE INSTALLED IN ACCORDANCE WITH ALL OF THE FOLLOWING:
A) TRACER WIRE SHALL BE INSTALLED ALONG THE LENGTH OF THE NON-METALLIC PIPE.
B) TRACER WIRE SHALL BE A MINIMUM OF 18 GAUGE, INSULATED, SINGLE-CONDUCTOR COPPER WIRE OR EQUIVALENT.
C) TRACER WIRE SHALL BE LOCATED DIRECTLY ABOVE AND WITHIN 6 INCHES OF THE NON-METALLIC PIPE.
D) TRACER WIRE SHALL BE ACCESSIBLE AND LOCATABLE WITHIN THE OWNER'S PROPERTY AT 400-FOOT INTERVALS OR INCREMENTS THEREOF.
E) EXTERIOR ACCESS LOCATIONS SHALL INCLUDE A MEANS OF PROTECTING THE TRACER WIRE.
F) IN-GROUND SLEEVES SHALL BE INSTALLED AS PROVIDED IN SPS 382.35(5)(a)2.c. AND d.
G) TRACER WIRE CONDUCTIVITY SHALL BE TESTED PRIOR TO USE.
H) CONDUCTIVE WARNING TAPE MAY NOT BE UTILIZED IN LIEU OF TRACER WIRE.
I) WHERE TRACER WIRE IS MORE THAN 6 INCHES FROM THE PIPE, TRACER WIRE INSULATION COLOR SHALL COMPLY WITH THE FOLLOWING:
- INSULATION COLOR FOR NON-METALLIC SEWER PIPE SHALL BE GREEN.
- INSULATION COLOR FOR NON-METALLIC, POTABLE WATER PIPE SHALL BE BLUE.
- INSULATION COLOR FOR NON-METALLIC, NON-POTABLE WATER PIPE SHALL BE PURPLE.
- INSULATION COLOR FOR NON-METALLIC STORM PIPE SHALL BE BROWN.

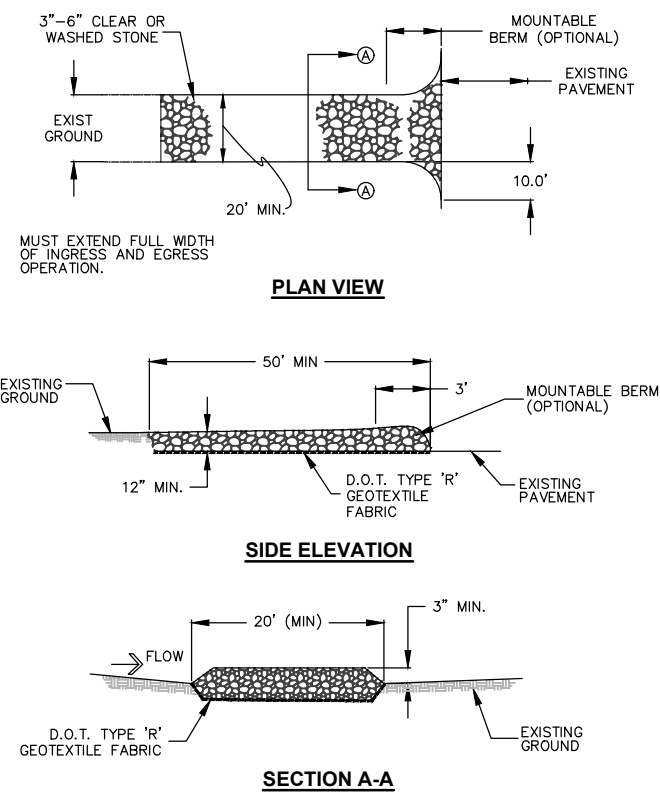


NOTES:
* WOOD POSTS SHALL BE A MINIMUM SIZE OF 1-1/2" X 1-1/2" OF EITHER OAK OR HICKORY.
** ADDITIONAL WOOD POST OR TIE BACKS MAY BE REQUIRED IN UNSTABLE SOILS.
*** ADDITIONAL DEPTH OF WOOD POST MAY BE REQUIRED IN UNSTABLE SOILS.
**** TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE SILT FENCE FABRIC.

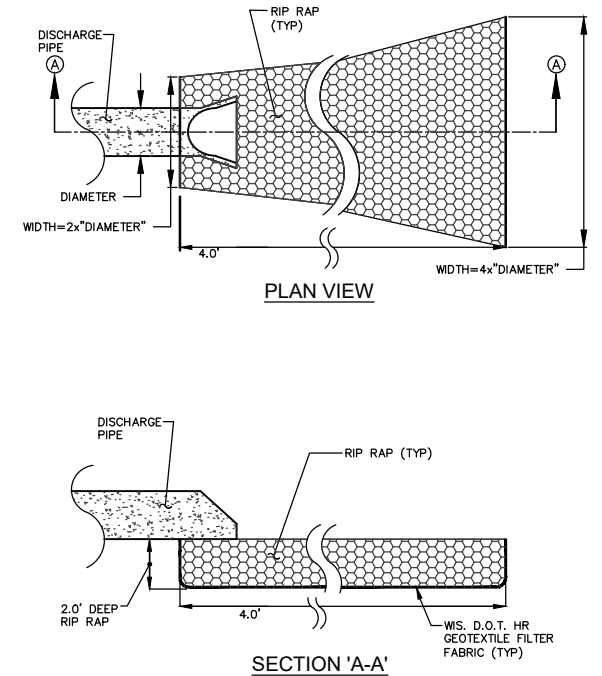
ERO 1
SILT FENCE
(DNR STD 1056)
N.T.S.



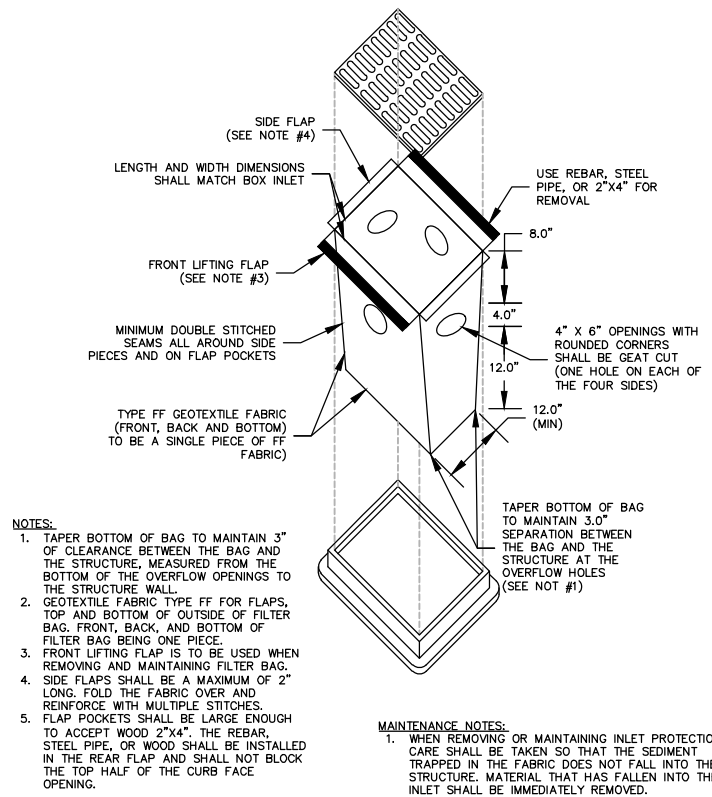
ERO 5
EROSION MAT (NON CHANNEL)
(DNR STD 1052)
N.T.S.



ERO 6
STONE TRACKING PAD
(DNR STD 1057)
N.T.S.



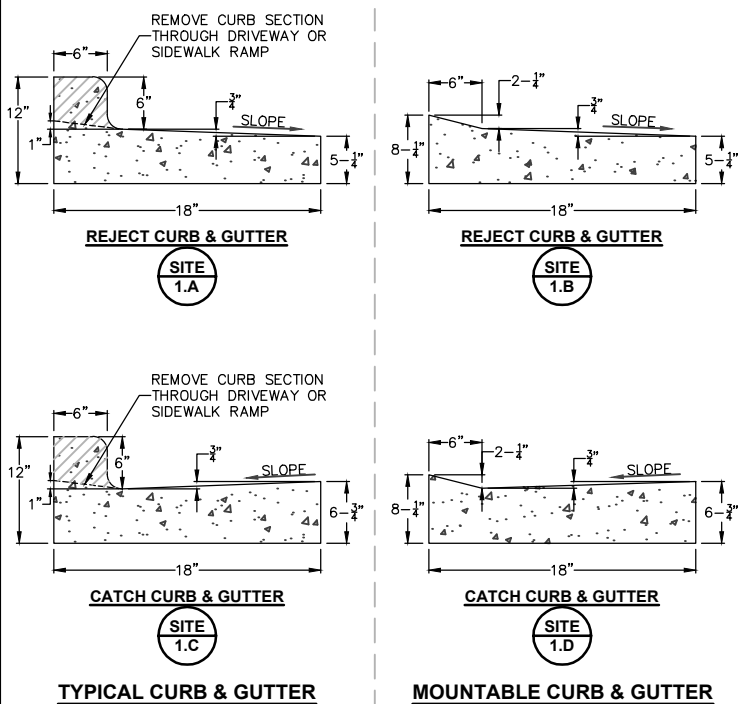
ERO 8
STABILIZED OUTLET PROTECTION
N.T.S.



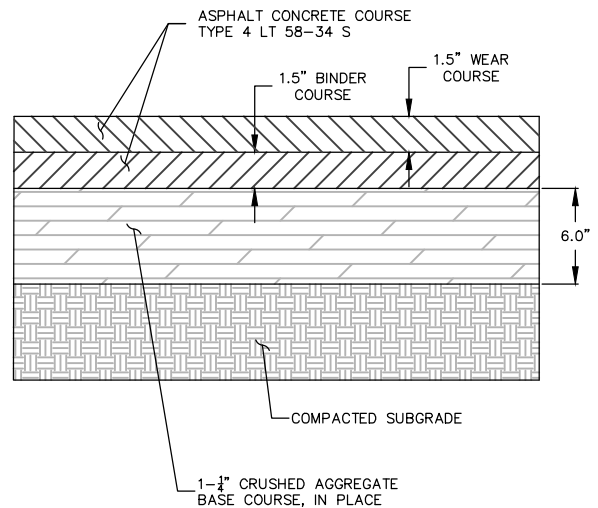
NOTES:
1. TAPER BOTTOM OF BAG TO MAINTAIN 3" OF CLEARANCE BETWEEN THE BAG AND THE STRUCTURE, MEASURED FROM THE BOTTOM OF THE OVERFLOW OPENINGS TO THE STRUCTURE WALL.
2. GEOTEXTILE FABRIC TYPE FF FOR FLAPS, TOP AND BOTTOM OF OUTSIDE OF FILTER BAG, FRONT, BACK, AND BOTTOM OF FILTER BAG BEING ONE PIECE.
3. FRONT LIFTING FLAP IS TO BE USED WHEN REMOVING AND MAINTAINING FILTER BAG.
4. SIDE FLAPS SHALL BE A MAXIMUM OF 2" LONG. FOLD THE FABRIC OVER AND REINFORCE WITH MULTIPLE STITCHES.
5. FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2"x4". THE REBAR, STEEL PIPE, OR WOOD SHALL BE INSTALLED IN THE REAR FLAP AND SHALL NOT BLOCK THE TOP HALF OF THE CURB FACE OPENING.

MAINTENANCE NOTES:
1. WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED IN THE FABRIC DOES NOT FALL INTO THE STRUCTURE. MATERIAL THAT HAS FALLEN INTO THE INLET SHALL BE IMMEDIATELY REMOVED.

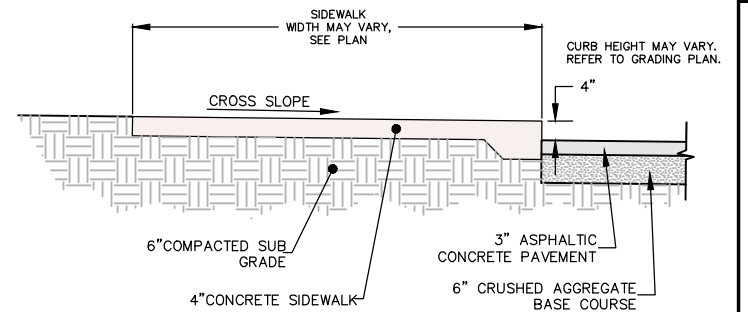
ERO 23
INLET PROTECTION - TYPE D
(DNR STD 1060)
N.T.S.



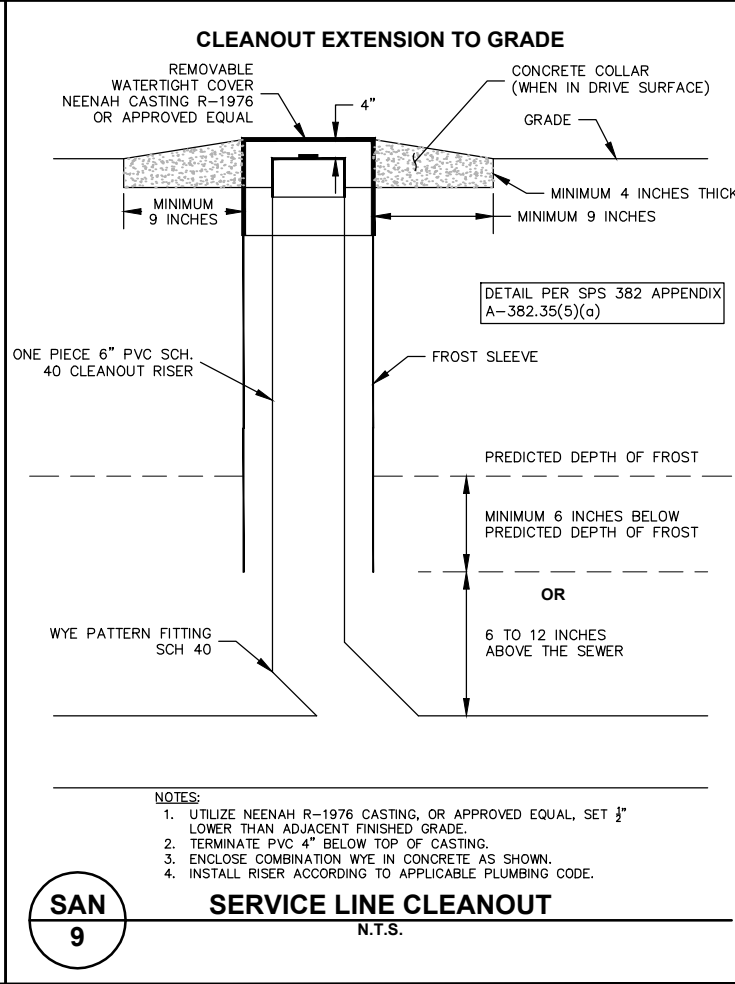
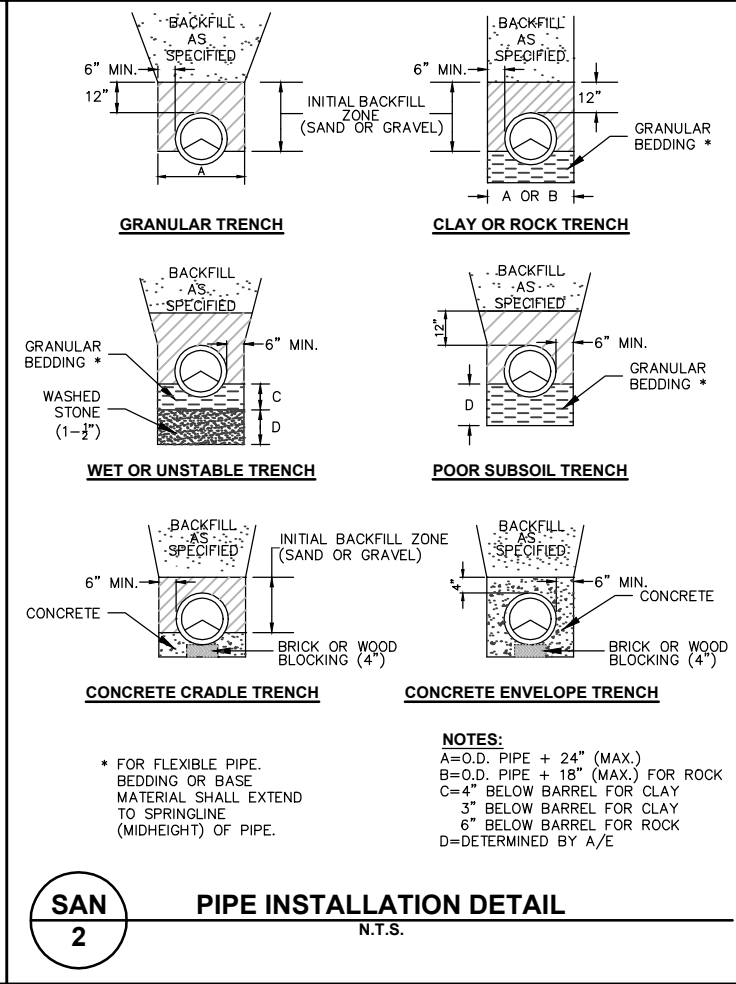
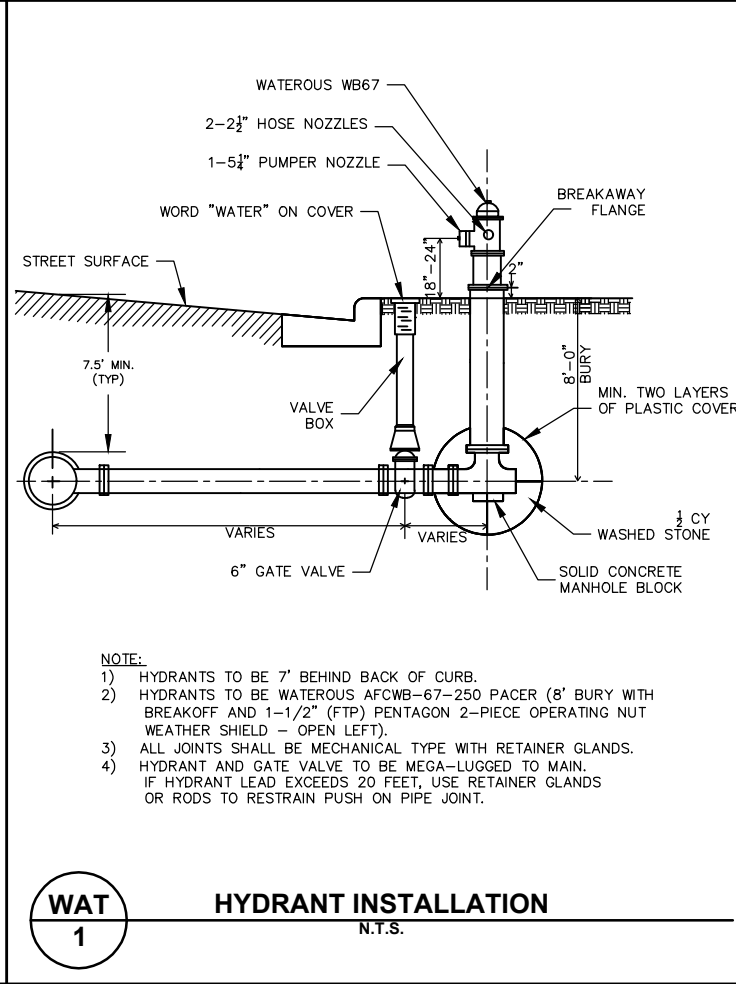
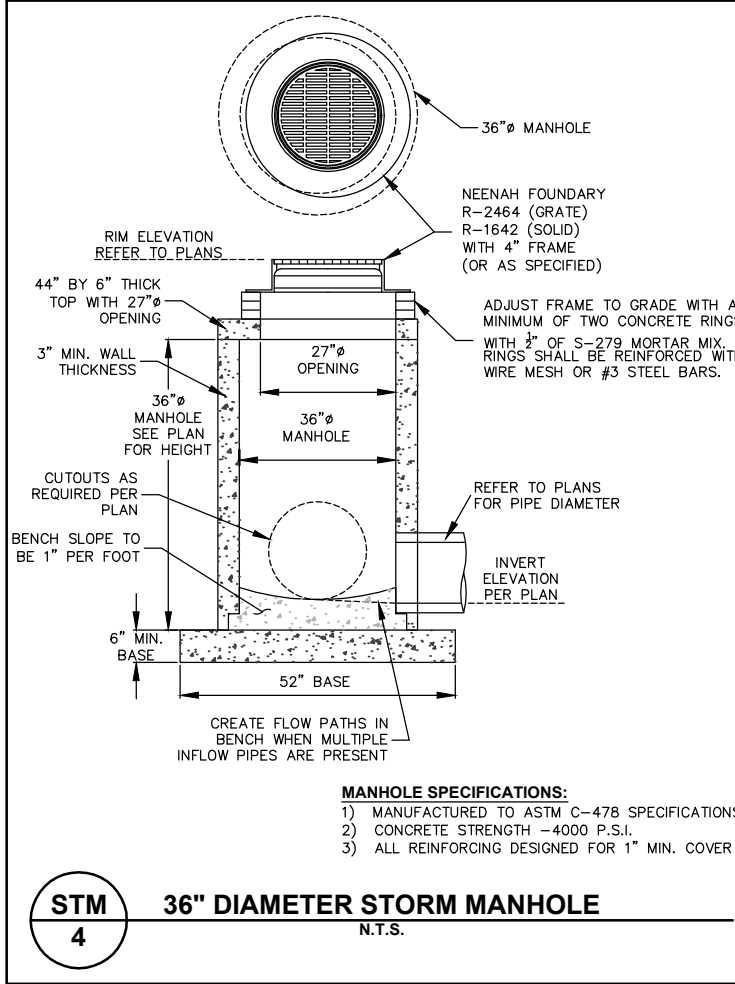
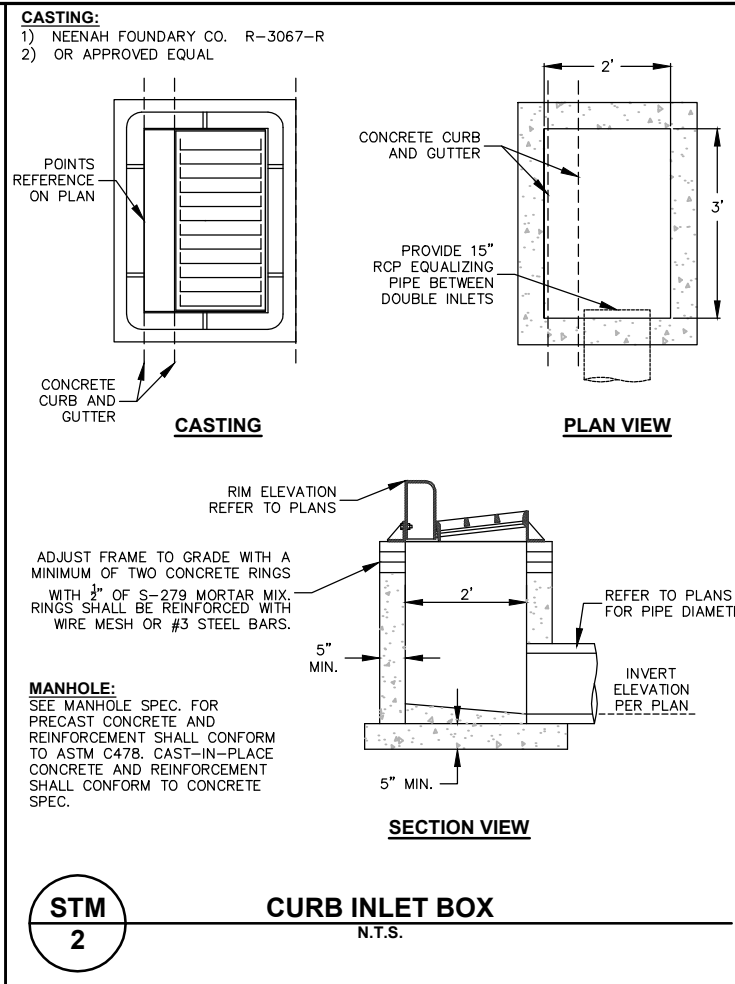
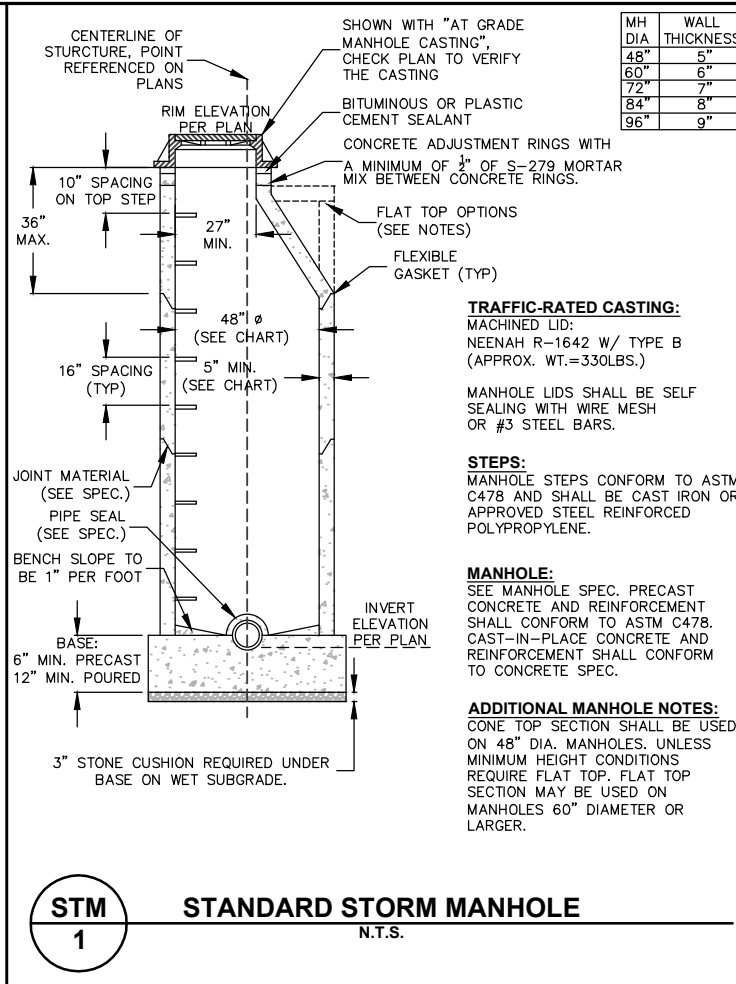
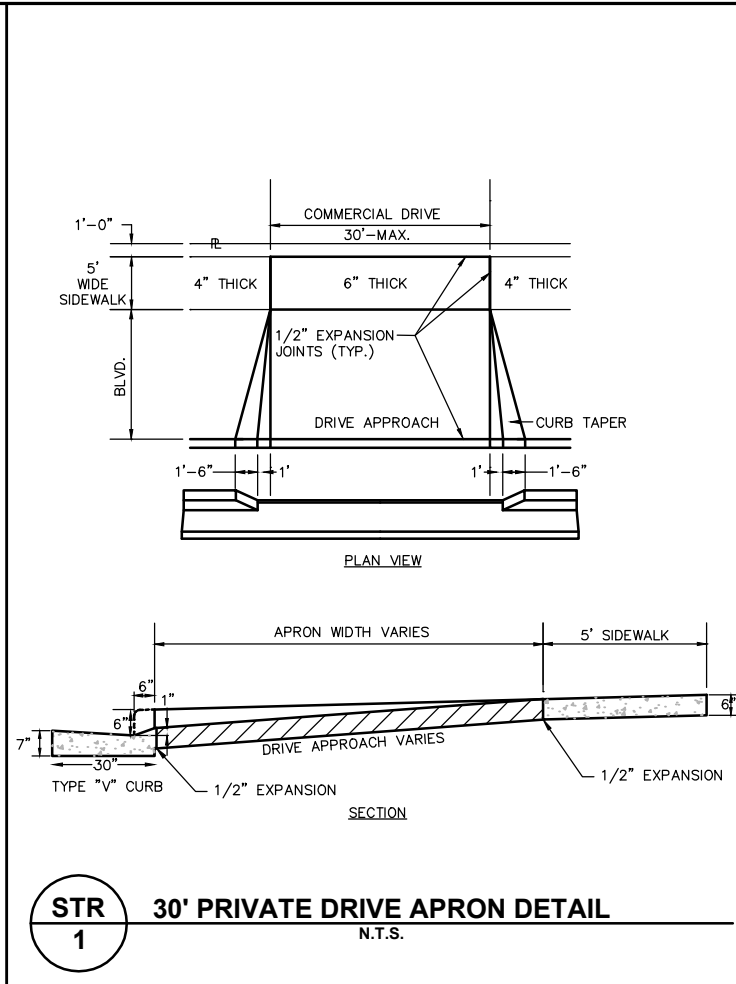
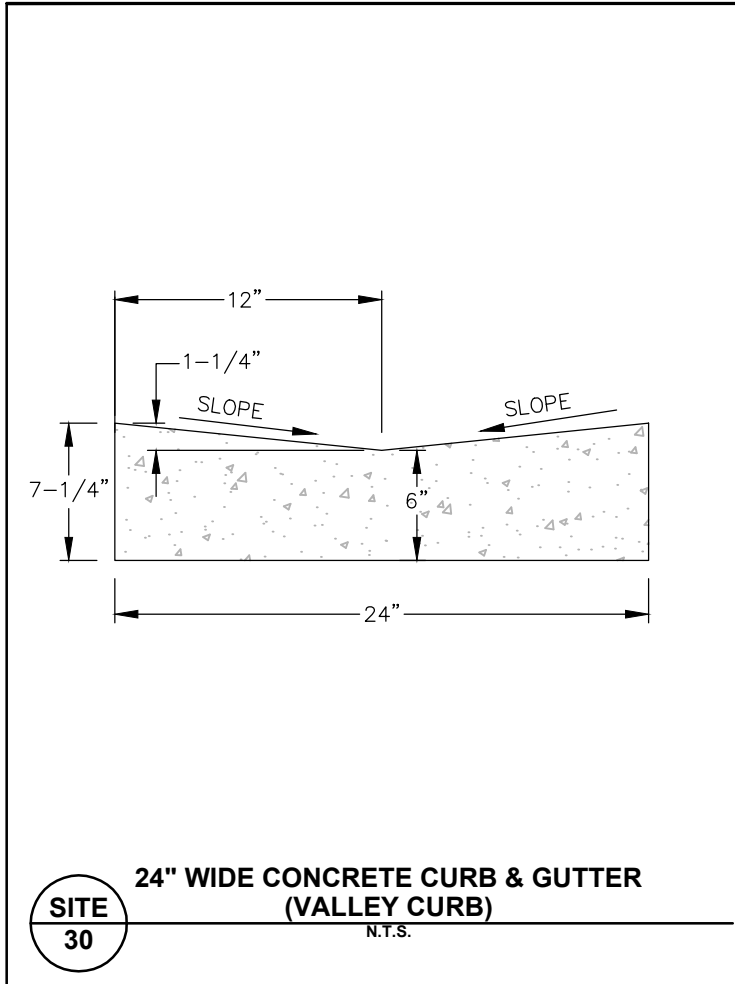
SITE 1
18" WIDE CONCRETE CURB & GUTTER
N.T.S.

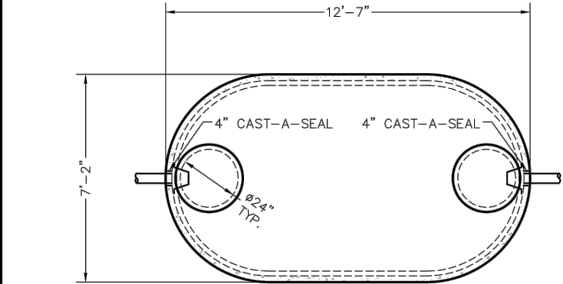


SITE 7
TYPICAL ASPHALT SECTION
N.T.S.

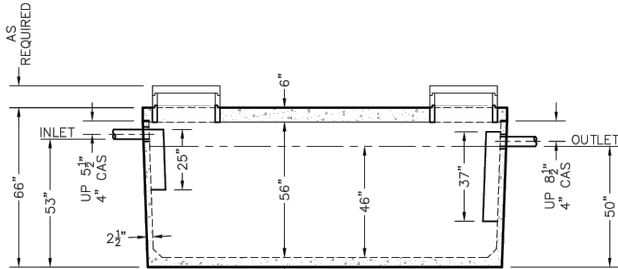


SITE 9A
4" SIDEWALK CURB
N.T.S.





TOP VIEW



SIDE VIEW

W2000-MR
GREASE INTERCEPTOR
TANK SPECIFICATIONS

DIMENSIONS:
WALL: 2 1/2"
BOTTOM: 4"
COVER: 6"
MANHOLE: 24" I.D. PRECAST CONCRETE RISER
HEIGHT: 66"
LENGTH: 12'-7"
WIDTH: 7'-2"
BELOW INLET: 53"
LIQUID LEVEL: 46"
WEIGHT: BOTTOM 9,430 LBS.
COVER 5,940

INLET AND OUTLET:
4" CAST-A-SEAL BOOT OR EQUAL GASKET

INLET AND OUTLET BAFFLE:
AS SHOWN

LIQUID CAPACITY: 42.92 GAL/IN

LOADING DESIGN: 8'-0" UNSATURATED SOIL

TANK CAN BE USED AS:
GREASE INTERCEPTOR

COVER: MIX DESIGN #8 (NO FIBER)
TANK: MIX DESIGN #10 (STRUCTURAL FIBER)

CUSTOMIZED TANKS:
FOR CUSTOM TANKS CONTACT WIESER CONCRETE

REVIEWED BY: _____
REVIEW DATE: _____

DRAWINGS SUBMITTED
FOR APPROVAL

APPROVED BY: _____
APPROVAL DATE: _____
PRODUCTS NEEDED BY: _____

TANKS ARE MANUFACTURED TO MEET OR EXCEED ASTM C-1227 & C-1613 REQUIREMENTS

SCALE: 1/4" = 1'-0"	REV.	DATE:	PRE-POUR:
DRAWN BY: WCP			
DATE: 00/00/00			POST-POUR:
FILE: #2000g-mr			

W2000G-MR	WIESER CONCRETE
SEPTIC MANUAL	W3716 US HWY 10, MAIDEN ROCK, WI 54750
	800-325-8456

VILLAGE OF LAKE HALLIE, CHIPPEWA COUNTY, WI	DR BY:	CHK BY:	DATE:	JOB NO:	DWG NAME:	APPROVED:
	DHK	MAE	01-28-25	23063	DETAILS	---

PAGE NO:	C502
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	Ph: (715) 851-0654 • EMAIL: INFO@ESECO

