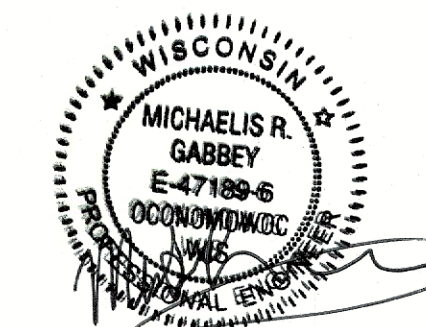
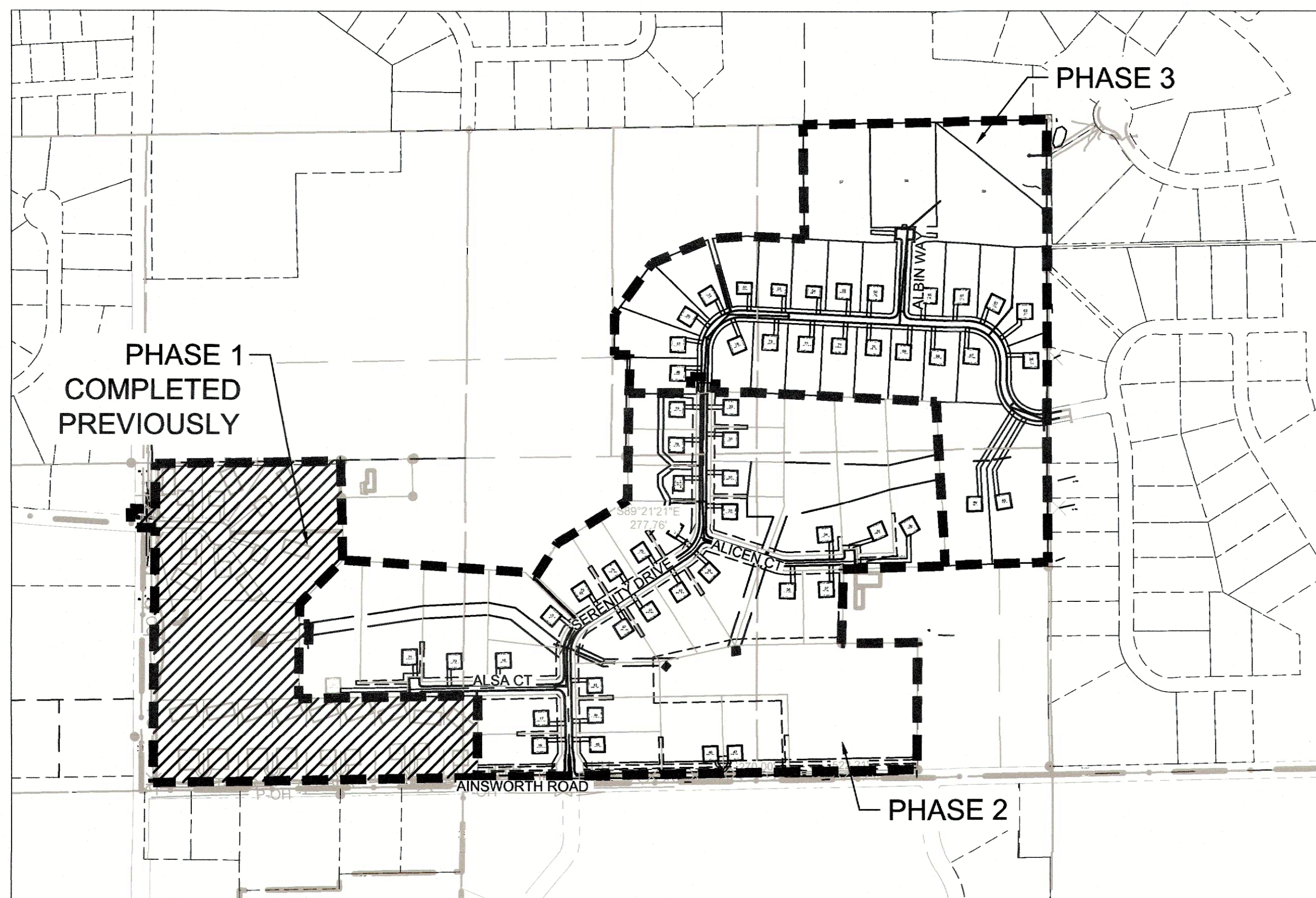
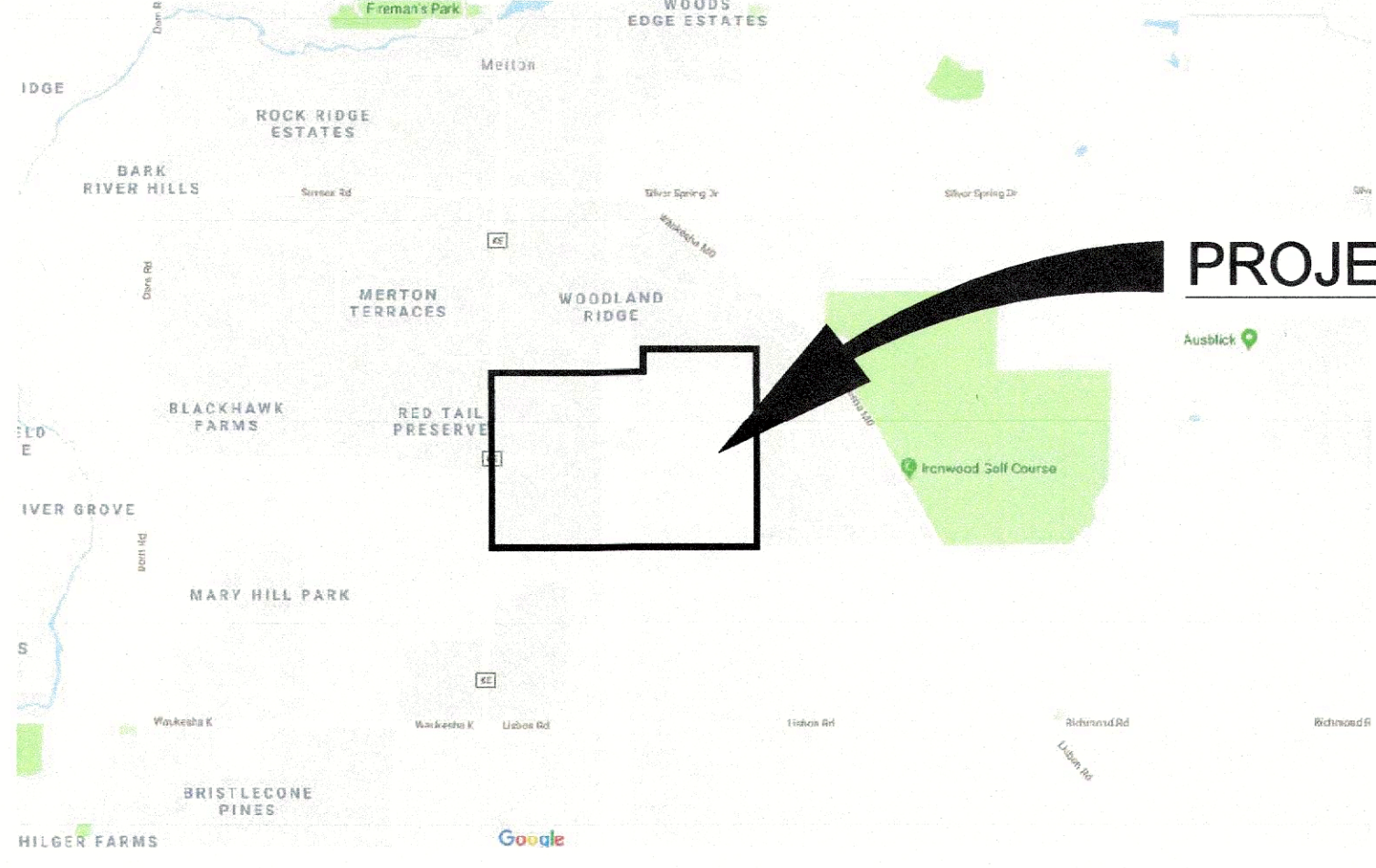


# CONSTRUCTION PLANS FOR PHASE 2 AND 3 OF STONE RIDGE SUBDIVISION VILLAGE OF MERTON, WI

EXISTING	
---	RIGHT OF WAY
---	PERMANENT EASEMENT
---	PROPERTY LINE
△ XX	HORIZONTAL CONTROL POINT
× BM	BENCHMARK
•	SURVEY MARKER
⊙	SOIL BORING
---	SANITARY SEWER AND MANHOLE
---	FORCE MAIN AND LIFT STATION
---	SANITARY SEWER SERVICE & CLEANOUT
---	WATER MAIN, HYDRANT, VALVE AND MANHOLE
---	WATER SERVICE AND CURB STOP BOX
---	STORM SEWER, MANHOLE AND CATCH BASIN
---	CULVERT AND APRON ENDWALL
---	GAS MAIN, VALVE, VENT AND METER
---	HANDHOLE
---	BURIED FIBER OPTIC CABLE AND MANHOLE
---	BURIED PHONE CABLE, PEDESTAL AND MANHOLE
---	BURIED TV CABLE, PEDESTAL AND MANHOLE
---	BURIED ELECTRIC CABLE, PEDESTAL, MANHOLE, TRANSFORMER AND METER
---	OVERHEAD WIRE, POLE AND GUY WIRE
---	LIGHT POLE
---	TRAFFIC SIGNAL
---	STREET NAME SIGN
---	SIGN (NON STREET NAME)
---	RAILROAD TRACKS
---	DECIDUOUS AND CONIFEROUS TREE
---	BUSH / SHRUB AND STUMP
---	EDGE OF WOODED AREA
---	WETLAND
---	BUILDING
---	FENCE (UNIDENTIFIED)
---	BARBED WIRE FENCE
---	CHAIN LINK FENCE
---	ELECTRIC WIRE FENCE
---	WOOD FENCE
---	WOVEN WIRE FENCE
---	PLATE BEAM GUARDRAIL
---	CABLE GUARDRAIL
---	POST / BOLLARD
---	RETAINING WALL
---	6+00
PROPOSED	
---	STREET CENTERLINE
---	RIGHT-OF-WAY
---	PERMANENT EASEMENT
---	TEMPORARY EASEMENT
---	CONSTRUCTION LIMITS
---	SANITARY SEWER, BULKHEAD AND MANHOLE
---	FORCE MAIN
---	SANITARY SERVICE AND CLEANOUT
---	WATER MAIN, TEE, HYDRANT, BULKHEAD AND VALVE
---	WATER VALVE MANHOLE, REDUCER, BEND AND CROSS
---	WATER SERVICE AND CURB STOP BOX
---	STORM SEWER, MANHOLE AND CATCH BASIN
---	CULVERT AND APRON ENDWALL
---	DRAIN TILE
---	DITCH / SWALE
---	RIPRAP
---	STREET NAME SIGN
---	SIGN (NON STREET NAME)
---	RETAINING WALL

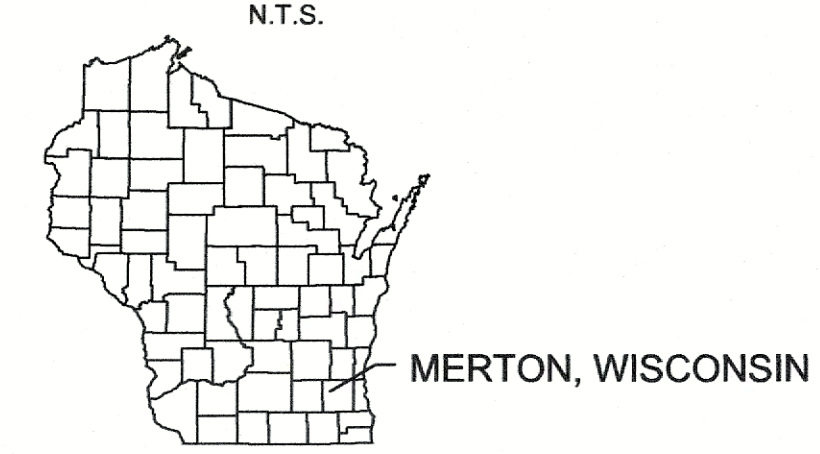


### AREA MAP



PROJECT LOCATION

### PROJECT LOCATION



### REVISIONS

NO.	DATE	COMMENTS
1	10/05/21	REVISIONS BASED ON VILLAGE OF MERTON REVIEW
2	10/12/21	REVISIONS BASED ON VILLAGE OF MERTON REVIEW
3	10/22/21	CONSTRUCTABILITY REVISIONS TO STORM SEWER

### VILLAGE OF MERTON, WISCONSIN

#### DEVELOPER

TRI-QUIST, LLC.  
ALBIN HALQUIST  
8546 E. COUNTRY CLUB CIRCLE TRAIL  
SCOTTSDALE, AZ 85255  
PHONE: (602) 369-8266

#### VILLAGE ENGINEER

CHRIS GENELLIE, P.E.  
RUEKERT & MIELKE, INC.  
W233 N2080 RIDGEVIEW PARKWAY  
WAUKESHA, WI 53188  
PHONE: (262) 542-5733

#### DESIGN ENGINEER

MICHAELIS GABBEY, P.E.  
SEH, INC.  
501 MAPLE AVENUE  
DELAFIELD, WI 53018  
PHONE: (414) 949-8965

#### WAUKESHA COUNTY LAND RESOURCES

LEIF HAUGE, P.E.  
515 MORELAND AVE. ROOM AC 260  
WAUKESHA, WI 53188  
PHONE: (262) 896-8304

NOTE:  
THE SUBSURFACE UTILITY QUALITY INFORMATION IN THIS PLAN IS LEVEL D. THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF C/ASCE 38-02 ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."

THE CONTRACTOR SHALL CALL THE WISCONSIN ONE CALL SYSTEM AT 811 BEFORE COMMENCING EXCAVATION.



FILE NO.  
160979  
HALQA

DATE  
9/23/2021

Save: 10/14/2021 2:17 PM mgabbey Plot: 10/14/2021 2:25 PM X:\JV\HALQA\160979\5-final-dgn\51-drawings\10-Civil\cao\dwg\sheet\HA160979\_TL & DT.dwg

**GENERAL NOTES:**

- FOLLOW ALL APPLICABLE STANDARD SPECIFICATIONS AND VILLAGE OF MERTON SPECIFICATIONS.
- ALL EROSION CONTROL PRACTICES MUST BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF PRODUCING RAINFALL AS WELL AS SNOW MELT AND WINTER THAW (1/2" OR MORE), AND AT LEAST ONCE PER WEEK.
- ALL TEMPORARY TOPSOIL STOCKPILES SHALL NOT BE LOCATED WITHIN 25 FEET OF A DRAINAGE WAY OR A WETLAND AND SHALL BE PROTECTED WITH SILT FENCING AROUND THE DOWNSLOPE AND SIDESLOPES OF THE PILE, AND STABILIZED WITH TEMPORARY SEEDING IF LEFT INACTIVE FOR 7 DAYS OR MORE.
- CUT AND FILL SLOPES WILL BE 4:1 OR FLATTER OUTSIDE THE ROAD RIGHT-OF-WAY, UNLESS OTHERWISE NOTED.
- TEMPORARY SEEDING TO CONFORM WITH SECTION 630.2.1.5.1.2 OF THE STATE OF WISCONSIN STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (ANNUAL OATS).
- BASIN BERM COMPACTION TO MEET 90% STANDARD PROCTOR.
- TOPSOIL SHALL NOT BE USED AS FILL MATERIAL IN THE NON-STRUCTURAL AREAS UNTIL ALL SOURCES OF STRUCTURAL CUT AND TRENCH SPOILS HAVE BEEN EXHAUSTED, UNLESS OTHERWISE INDICATED OR INSTRUCTED BY OWNER OR PROJECT ENGINEER.
- RESTORATION SHALL BE 6" TOPSOIL (REASONABLY FREE OF STONES, STICKS, ROOTS, AND OTHER OBJECTIONABLE MATTER AND DEBRIS, EXCEPT NOTED ON PLANS). ONCE TOPSOIL HAS BEEN SPREAD, THE AREA SHALL BE SEEDED WITH SEED MIXTURE NO. 40 IN SECTION 630 OF THE "STATE SPECIFICATIONS", UNLESS OTHERWISE SPECIFIED. THE CONTRACTOR SHALL APPLY A TYPE A FERTILIZER OVER THE SEEDED AREA AT A RATE OF 7 POUNDS PER 1000 SQUARE FEET. THIS AREA SHALL BE MAINTAINED BY THE CONTRACTOR. STRAW MULCH SHALL BE PLACED IN ACCORDANCE WITH METHODS "B" OR "C", AS DESCRIBED IN SECTION 627 OF THE "STATE SPECIFICATIONS", EXCEPT THAT THE MULCH SHALL BE PLACED WITHIN ONE (1) DAY AFTER THE SEEDING HAS BEEN COMPLETED.
- ALL POND SIDE SLOPES & BERMS SHALL BE SEEDED AND MATTED WITHIN 7 DAYS OF COMPLETION OF THE POND AS A SEDIMENT BASIN. FINAL RESTORATION OF ENTIRE BASIN BOTTOM SHALL BE COMPLETED ONCE CONTRIBUTING AREAS HAVE BEEN STABILIZED.

**CONSTRUCTION SCHEDULE – PHASE 2**

- CLEAR AND GRUB AREAS WITHIN THE PHASE 2 LIMITS OF DISTURBANCE. THIS AREA WILL BE MINIMAL AND PRIMARILY OCCUR AT THE SERENITY LANE CONNECTION ON THE FAR EAST EDGE OF THE PROPERTY.
- INSTALL GRAVEL TRACKING PAD AT CONSTRUCTION ENTRANCE AT AINSWORTH / SERENITY LANE INTERSECTION.
- INSTALL SILT FENCE AT DOWNSLOPE BOUNDARIES OF PHASE 2 CONSTRUCTION LIMITS.
- ONCE ALL EROSION CONTROL MEASURES ARE IN PLACE, TOPSOIL WILL BE STRIPPED IN THE AREAS OF THE SOUTHEAST BASIN AND STOCKPILED. SILT FENCING SHALL BE INSTALLED ON THE DOWN AND SIDE SLOPES OF THE STOCKPILE(S) TO PROTECT THE SURROUNDING AREA FROM LOOSE SEDIMENT. ALL TEMPORARY STOCKPILES THAT ARE LEFT INACTIVE FOR 7 DAYS OR MORE SHALL BE STABILIZED WITH TEMPORARY SEEDING.
- EXCAVATE THE BASIN TO THE PROPOSED BOTTOM AND INSTALL OUTLET STRUCTURES. IT IS ANTICIPATED THAT SOME DEWATERING MAY BE NECESSARY TO EXCAVATE THE BASINS. DEWATERING PLANS WILL BE FORMULATED WITH THE CONTRACTOR AND PROVIDED TO THE COUNTY AND DNR FOR REVIEW PRIOR TO THE START OF THE LAND DISTURBANCE.
- STABILIZE ALL BASIN SIDE SLOPES WITH SEED AND EROSION MATTING AS SOON AS GRADING IS COMPLETED. THE PROJECT ENGINEER NEEDS TO VERIFY VARIOUS ASPECTS OF THE BASIN CONSTRUCTION AND NEEDS TO BE IN COMMUNICATION WITH THE CONTRACTOR TO MAKE SURE THE CRITICAL STEPS ARE VERIFIED DURING THE CONSTRUCTION PROCESS.
- STRIP TOPSOIL FROM PROPOSED ROADWAYS AND LOT AREAS THAT NEED TO BE FILLED AND STOCKPILE ACCORDING TO (4) ABOVE.
- ROUGH GRADE ROADWAYS AND DIRECT RUNOFF INTO STORM WATER/SEDIMENT CONTROL BASIN. INSTALL DITCH CHECKS IMMEDIATELY AFTER ROUGH GRADING WHERE CONCENTRATED FLOW IS ANTICIPATED. INSTALL CULVERTS AND STORM SEWER.
- COORDINATE WITH UTILITIES FOR TIMELY INSTALLATION. OWNER SHOULD CONTACT UTILITY COMPANIES EARLY IN THE PROCESS IN ORDER TO GET ON THEIR SCHEDULE AND MINIMIZE THE AMOUNT OF EXTRA EFFORT NEEDED FOR RESTORATION IN THE AREAS WHERE UTILITIES WILL BE LOCATED. RESTORATION OF DISTURBED AREAS NEEDS TO BE DONE IN A TIMELY MANNER AND MAY REQUIRE RE-STABILIZATION IF TIMING WITH THE UTILITY COMPANY(S) IS NOT POSSIBLE.
- ONCE CONTRIBUTING AREAS ARE STABILIZED, REMOVE SEDIMENT IF NECESSARY FROM THE BASIN AND RESTORE ANY AREAS DISTURBED DURING THE PROCESS.
- REMOVE TEMPORARY SEDIMENT CONTROL DEVICES AFTER SITE HAS STABILIZED WITH 70% UNIFORM COVERAGE OF VEGETATION.
- FINAL "AS-BUILT" THE BASIN.
- ALL EXISTING CROPLAND AREAS WHERE LAND DISTURBING ACTIVITIES WILL NOT BE OCCURRING UNDER THE PROPOSED GRADING PLANS SHALL BE STABILIZED WITHIN 30 DAYS OF PERMIT ISSUANCE.

**CONSTRUCTION SCHEDULE – PHASE 3**

- CLEAR AND GRUB AREAS WITHIN THE PHASE 3 LIMITS OF DISTURBANCE. THIS AREA WILL BE MINIMAL AND PRIMARILY OCCUR AT THE SERENITY LANE CONNECTION ON THE FAR EAST EDGE OF THE PROPERTY.
- INSTALL GRAVEL TRACKING PAD AT CONSTRUCTION ENTRANCE AT END OF PHASE 2.
- INSTALL SILT FENCE AT DOWNSLOPE BOUNDARIES OF PHASE 3 CONSTRUCTION LIMITS.
- ONCE ALL EROSION CONTROL MEASURES ARE IN PLACE, TOPSOIL WILL BE STRIPPED IN THE AREAS OF THE NORTHEAST BASIN AND STOCKPILED. SILT FENCING SHALL BE INSTALLED ON THE DOWN AND SIDE SLOPES OF THE STOCKPILE(S) TO PROTECT THE SURROUNDING AREA FROM LOOSE SEDIMENT. ALL TEMPORARY STOCKPILES THAT ARE LEFT INACTIVE FOR 7 DAYS OR MORE SHALL BE STABILIZED WITH TEMPORARY SEEDING.
- EXCAVATE THE BASIN TO THE PROPOSED BOTTOM AND INSTALL OUTLET STRUCTURES. IT IS ANTICIPATED THAT SOME DEWATERING MAY BE NECESSARY TO EXCAVATE THE BASINS. DEWATERING PLANS WILL BE FORMULATED WITH THE CONTRACTOR AND PROVIDED TO THE COUNTY AND DNR FOR REVIEW PRIOR TO THE START OF THE LAND DISTURBANCE.
- STABILIZE ALL BASIN SIDE SLOPES WITH SEED AND EROSION MATTING AS SOON AS GRADING IS COMPLETED. THE PROJECT ENGINEER NEEDS TO VERIFY VARIOUS ASPECTS OF THE BASIN CONSTRUCTION AND NEEDS TO BE IN COMMUNICATION WITH THE CONTRACTOR TO MAKE SURE THE CRITICAL STEPS ARE VERIFIED DURING THE CONSTRUCTION PROCESS.
- STRIP TOPSOIL FROM PROPOSED ROADWAYS AND LOT AREAS THAT NEED TO BE FILLED AND STOCKPILE ACCORDING TO (4) ABOVE.
- ROUGH GRADE ROADWAYS AND DIRECT RUNOFF INTO STORM WATER/SEDIMENT CONTROL BASIN. INSTALL DITCH CHECKS IMMEDIATELY AFTER ROUGH GRADING WHERE CONCENTRATED FLOW IS ANTICIPATED. INSTALL CULVERTS AND STORM SEWER.
- COORDINATE WITH UTILITIES FOR TIMELY INSTALLATION. OWNER SHOULD CONTACT UTILITY COMPANIES EARLY IN THE PROCESS IN ORDER TO GET ON THEIR SCHEDULE AND MINIMIZE THE AMOUNT OF EXTRA EFFORT NEEDED FOR RESTORATION IN THE AREAS WHERE UTILITIES WILL BE LOCATED. RESTORATION OF DISTURBED AREAS NEEDS TO BE DONE IN A TIMELY MANNER AND MAY REQUIRE RE-STABILIZATION IF TIMING WITH THE UTILITY COMPANY(S) IS NOT POSSIBLE.
- ONCE CONTRIBUTING AREAS ARE STABILIZED, REMOVE SEDIMENT IF NECESSARY FROM THE BASIN AND RESTORE ANY AREAS DISTURBED DURING THE PROCESS.
- REMOVE TEMPORARY SEDIMENT CONTROL DEVICES AFTER SITE HAS STABILIZED WITH 70% UNIFORM COVERAGE OF VEGETATION.
- FINAL "AS-BUILT" THE BASIN.
- ALL EXISTING CROPLAND AREAS WHERE LAND DISTURBING ACTIVITIES WILL NOT BE OCCURRING UNDER THE PROPOSED GRADING PLANS SHALL BE STABILIZED WITHIN 30 DAYS OF PERMIT ISSUANCE.

**Late Season Stabilization Requirements for Sites >1 Acre**

- Vegetated Channels (roadside swales and other stormwater conveyances): All planned vegetated channels shall be treated with soil stabilization BMPs (i.e. erosion control matting, turf reinforcement mat, sod, riprap, soil stabilizers, etc.) by no later than November 15 in accordance with DNR technical standards and the criteria listed below. Ditch checks, sediment traps, silt fence and other sediment control BMPs are used only during grading work, and must be replaced with soil stabilization BMPs per the approved plans ASAP. None of the sediment control BMPs are acceptable for open channels over winter.
- Timing Determines Requirements and BMPs: Soil stabilization BMPs are organized in three risk categories.
  - Risk Level 1: Permanent Vegetation (before September 15):** Topsoil, seed and fertilize all disturbed areas by September 15 in accordance with the following:
    - Seeding:* Prepare seedbed and sow seeds per the rates and mixes of Wisconsin Department of Transportation (WisDOT) Roadway Standard Section 630.
    - Erosion Control:* Immediately apply mulch, erosion control matting, turf reinforcement mat, sod, riprap, soil stabilizers, or other soil stabilization BMPs as specified in the approved erosion control plans. Application of all BMPs shall follow DNR technical standards.
    - Maintenance:* Inspect all seeded areas weekly. Ensure adequate water is provided until full vegetative cover is obtained, and repair any erosion problems, wash outs, etc.
  - Risk Level 2: Temporary Vegetation (before October 15):** Topsoil, seed and fertilize all disturbed areas by October 15 in accordance with the following:
    - Seeding:* The above noted seeding mix must include a minimum of 2 lbs. per 1,000 sq. ft. of a temporary cover (i.e. winter wheat or annual rye grass for fall plantings) per WisDOT Roadway Standard Section 630.
    - Erosion Control:* Immediately apply mulch, erosion control matting, turf reinforcement mat, sod, riprap, soil stabilizers, or other soil stabilization BMPs as specified in the approved erosion control plan, following DNR technical standards. The following are minimum requirements for stabilizing sites during this period. Approved plans may be more restrictive due to site conditions:
      - Channel Flow (roadside swales, etc.) and Backslopes:* Stake erosion matting over the entire channel cross-section and all back slopes. A minimum WisDOT Erosion Control Product Acceptability (PAL) Class 3 matting shall be used for all channel bottoms up to the 10-year, 24-hour flow depth. For all channel back slopes down to the 10-year, 24-hour depth, a minimum Class 2, Type A erosion control matting shall be used.
      - Other disturbed areas:* Apply Type B Soil Stabilizer, mulch and tackifier from the WisDOT Product Acceptability List to all disturbed areas that remain exposed.
      - Infalls/Outfalls:* Install sod pads (2 rolls) at all culvert outfalls, and other high-erosion locations in accordance with County standards.
        - Maintenance:* Inspect all seeded areas weekly. Ensure adequate water is provided until full temporary cover is obtained, and repair any erosion problems, wash outs, etc.
    - Risk Level 3: Dormant Seeding (before November 15):** Topsoil, seed and fertilize all disturbed areas by November 15 in accordance with the following:
      - Seeding Rate:* Same seed mix as Risk Level 2 (including temporary cover crop) except the rates for perennial species must be applied at 1.5 x WisDOT section 630 rates (apply rates of 3-5 lbs./1000 sq.ft.). Rates are increased to allow for poor germination rates associated with dormant seeding due to frozen conditions.
      - Erosion Control:* In addition to applying topsoil, the above noted seed mix and starter fertilizer, the following are minimum requirements for stabilizing sites during this period. Approved erosion control plans may be more restrictive:
        - Channel Flow (roadside swales, etc.) and Backslopes:* Apply Type A soil stabilizer and staked PAL Class 3 erosion matting over the entire channel bottom up to a 10-year 24-hour flow depth. All channel back slopes must be treated with Class II, Type A soil erosion control matting.
        - Other Areas:* Apply Type A Soil Stabilizer from the WisDOT Product Acceptability List to all other disturbed areas that remain exposed.
        - Infalls/Outfalls:* Install sod pads (2 rolls) at all culvert outfalls, and other high-erosion locations in accordance with County standards.
          - Maintenance:* Inspect all seeded areas weekly. Ensure adequate water is provided until full temporary cover is obtained, and repair any erosion problems, wash outs, etc.
          - Reports:* The Project Engineer shall be responsible for emailing a report to the LRD by 4:30 pm every Wednesday after October 15, which shall include the following information:
            - Detailed status of all land disturbing and soil stabilization activities as of the day of the report.
            - Results of erosion control site inspections since October 15 or the previous report, whichever is shorter.
            - Any erosion control failures encountered and actions taken to rectify.
            - Projections for completion of all stabilization activities, including a 10-day plan based on the latest weather predictions

**Stone Ridge Subdivision (Phase 2) - Combined Construction Sequence and Construction Inspection Schedule**

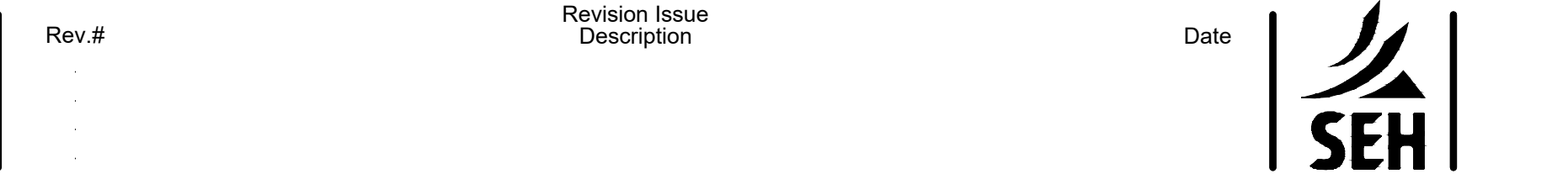
*Date	Duration	Milestone or Task	Date of Inspection	Inspector Initials	Inspector Role
July 12, 2021		<b>Prior to grading activities</b>			
		Surveyor stakes silt fence, storm water BMPs and clearing limits			
		Plan implementation meeting (may be held in conjunction with pre-construction meeting)			
		Hold pre-construction meeting with Village, County, DNR, contractors, utilities			
		Install tracking pad(s)			EC Insp. Contractor
		Contact County LRD and other authorities at least 2 days prior to beginning construction			
		Seed & establish previously farmed areas with fescue mix within 30 days of permit issuance			
July 26, 2021		<b>Construct Basins</b>			
		Strip topsoil in basin footprint and fill areas designated to accept basin spoils			
		Excavate proposed basins & install outlet structures			
		The following steps apply to basins (unless noted otherwise)			
		<b>Before berm material is placed verify that:</b>			Engineer Engineer
		- Topsoil, stumps and vegetation are stripped in basin footprint			
		- The basin berm is constructed with the suitable material			
		<b>Before all basin berms are re-compacted around outlet structures following installation, verify that:</b>			Engineer Engineer
		-The correct pipe diameter and materials are used			
		-Anti-seep devices are installed on specified outlet pipes			
		<b>Before topsoil is re-applied, verify that:</b>			Engineer Engineer Engineer
		-The 90% standard Proctor compaction req't is met by sampling at five locations along embankment			
		-The berm elevation is 5% above design height to allow for settling			
		<b>As-built elevations are correct (see as-built survey punch list)</b>			
		-Stabilize basin side slopes and berms			
September 27, 2021		<b>Grading &amp; Utility Installation</b>			
		Seed & mulch areas not designated for mass grading and not currently adequately vegetated			EC Insp.
		Strip topsoil. Stockpile locations are shown on plan. Piles for re-use on site shall also be protected.			
		Install silt fence around stockpiles on sides & down-slopes			EC Insp.
		Temporary seed stockpiles within 7 days of lay-up			EC Insp.
		Rough grading & install ditch checks/sediment logs			
		Install storm sewer			
		Establish final grades & install all swale stabilization. Temporary ditch checks may be removed after matting has been installed.			EC Insp.
		Construct Roadways including base material, curb & gutter, and asphaltic pavement.			
		Install gas, electric and communications lines			
		All disturbed areas that remain inactive for longer than 7 days shall be stabilized per the final restoration plan			EC Insp.
		Topsoil, seed and mulch all other disturbed areas.			EC Insp.
		If temporary seeding is not completed by October 15, apply soil stabilizers per Note 6 and dormant seed to all disturbed areas.			Engineer
		Site must be stabilized by November 1 per General Note 6, above			
Fall 2021 / Spring 2022		<b>Project Wrap-Up</b>			
		After grass is well-established, all silt fence and other temporary BMPs will be removed, including removal of sediment and backfill of over-excavated areas			EC Insp.
		Complete as-built survey of basins and conveyances			Engineer
		Complete planting verification for required areas			Plant verifier
		Submit maintenance agreement addendum for approval			

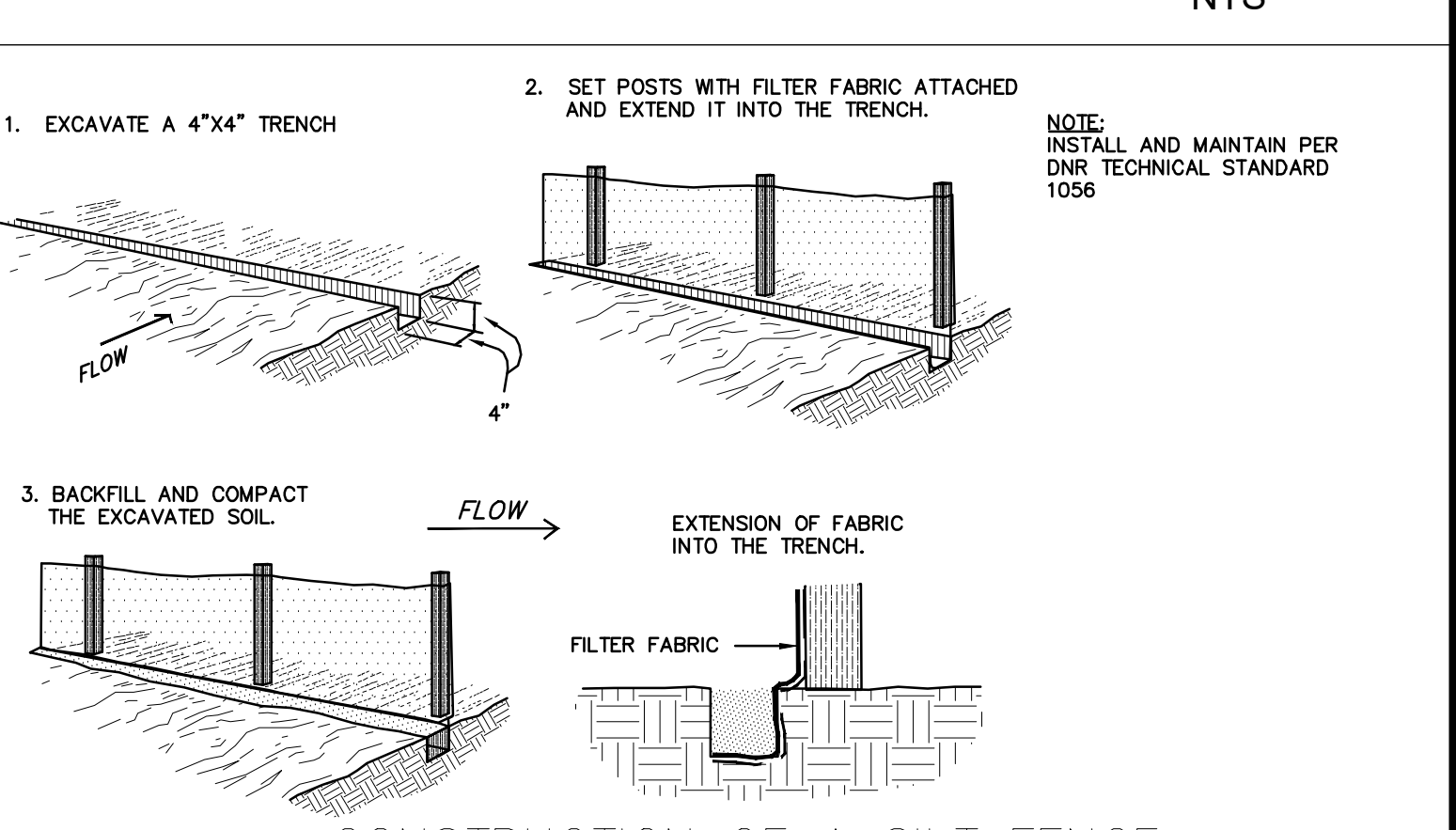
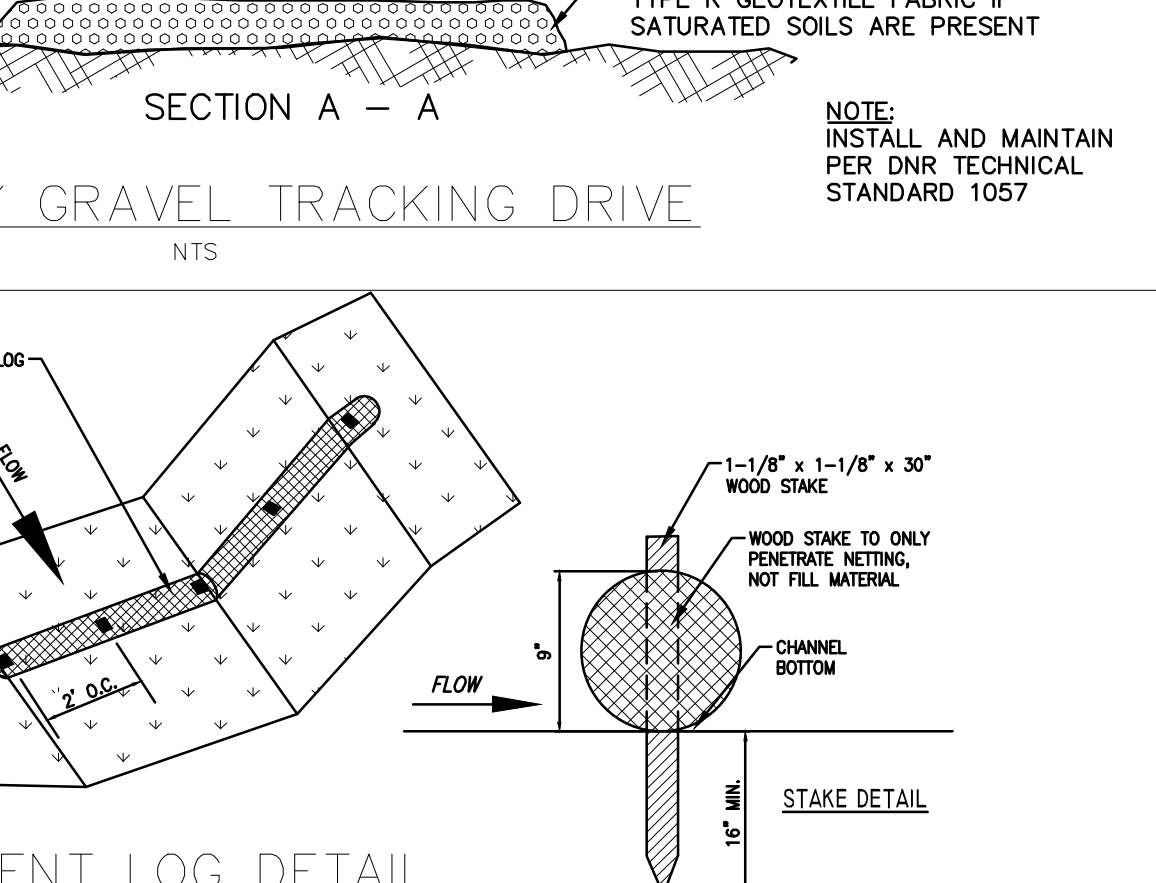
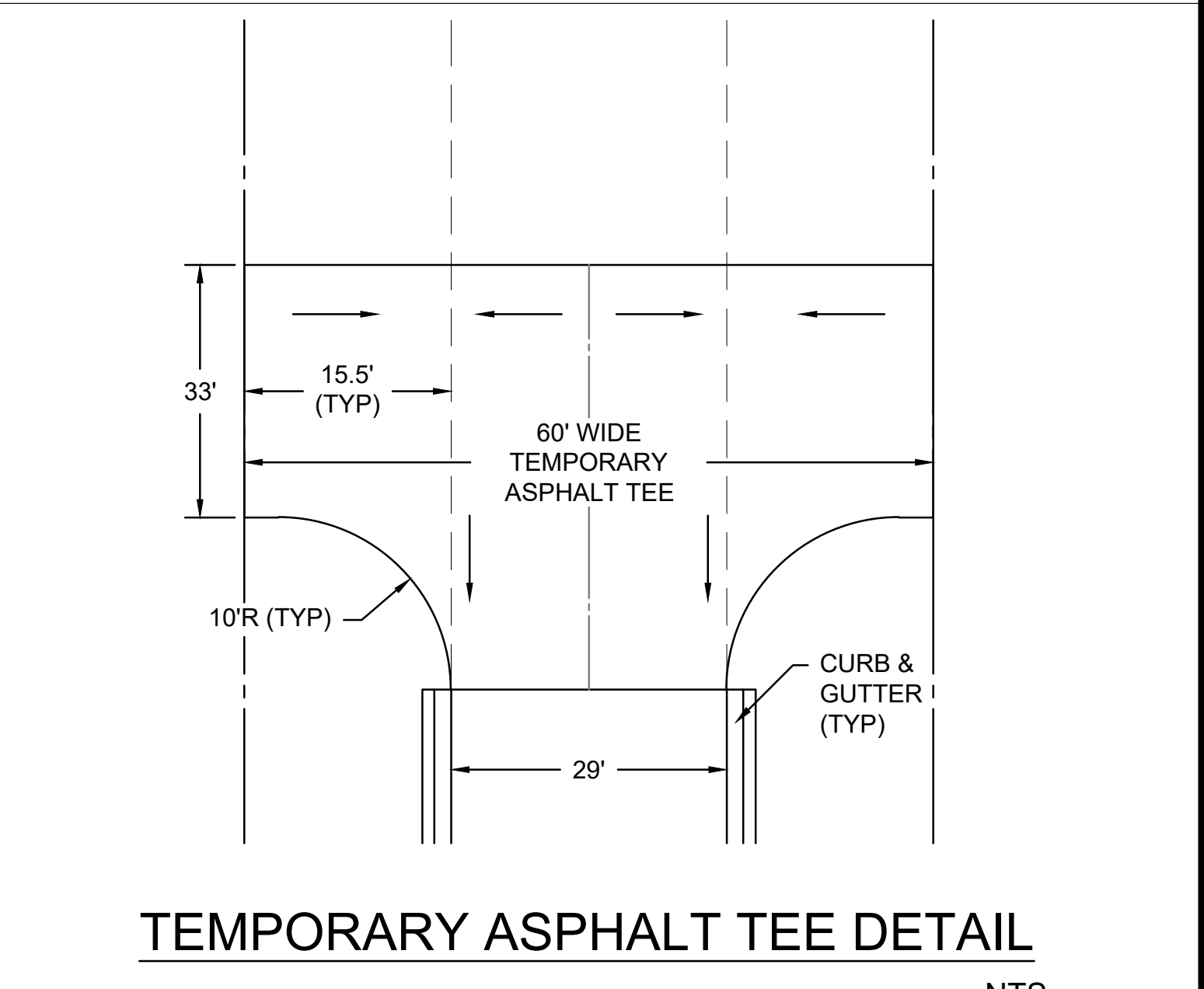
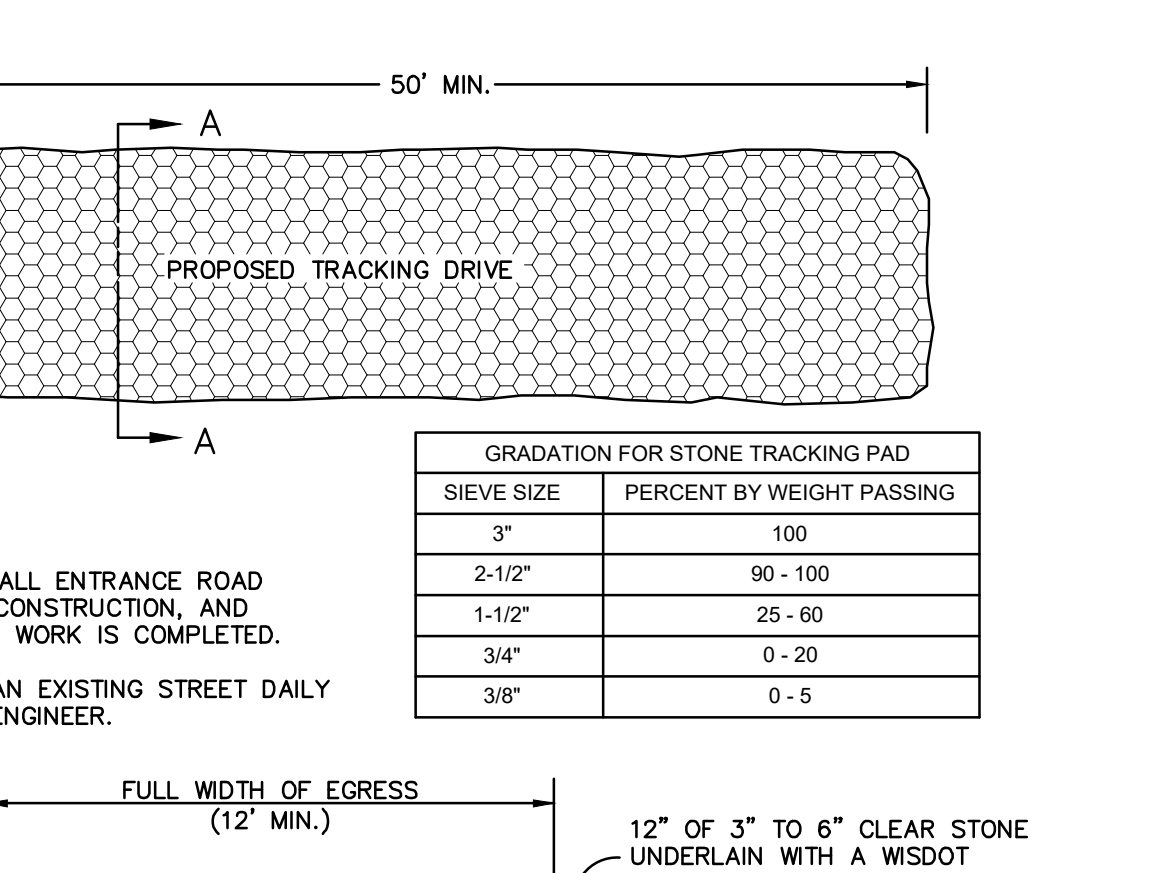
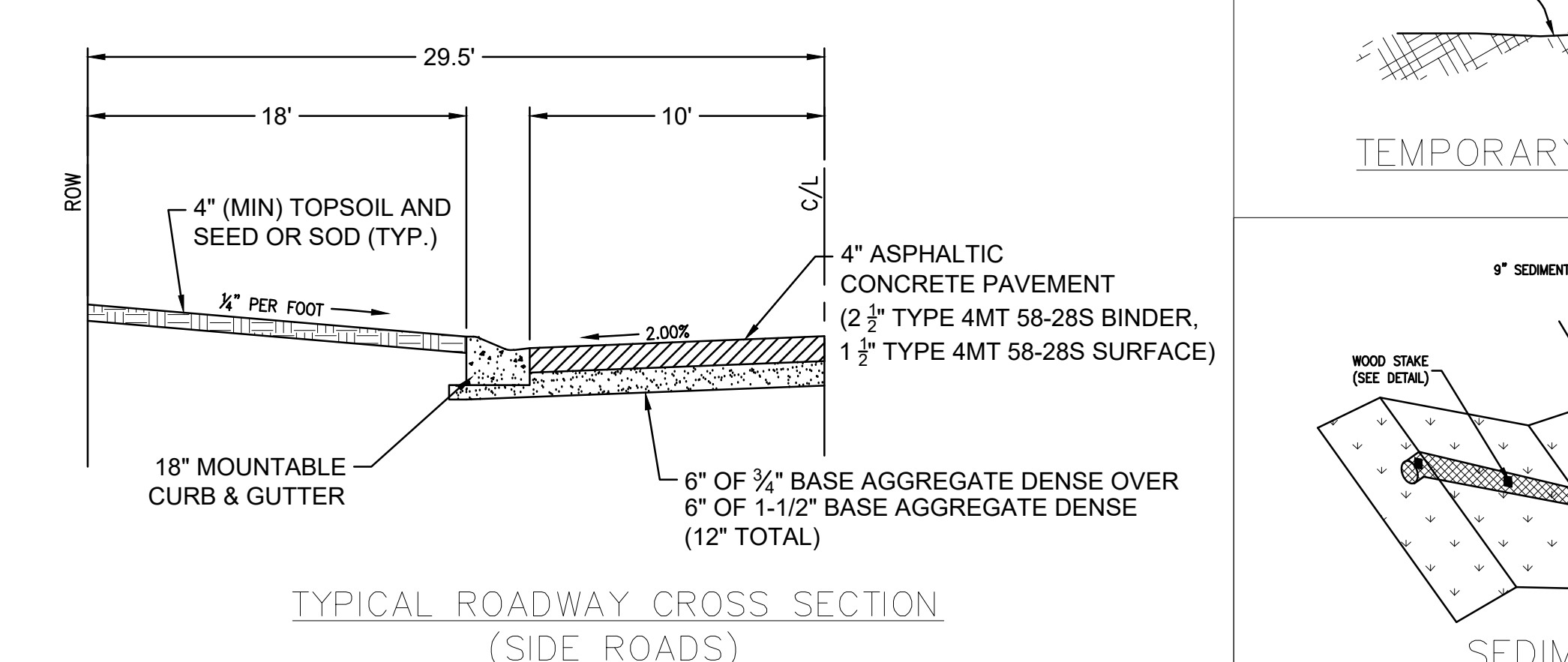
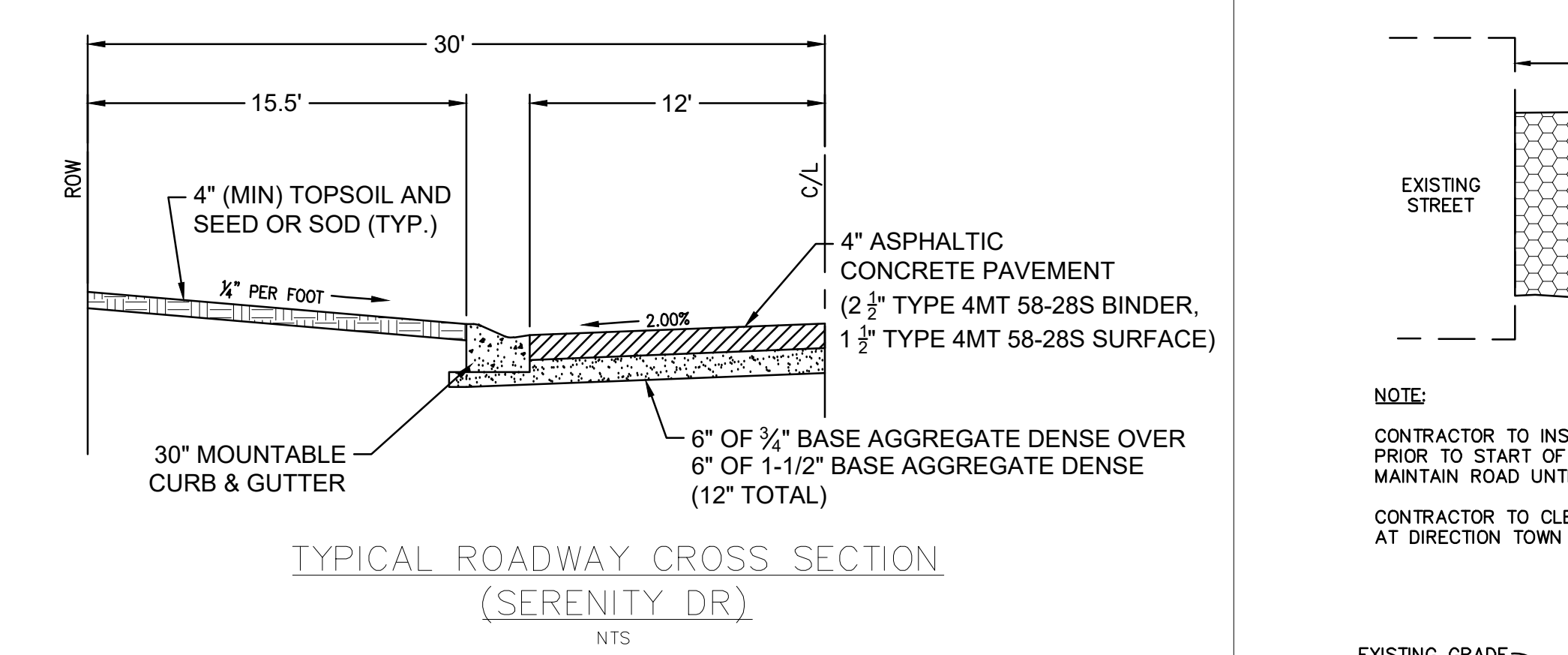
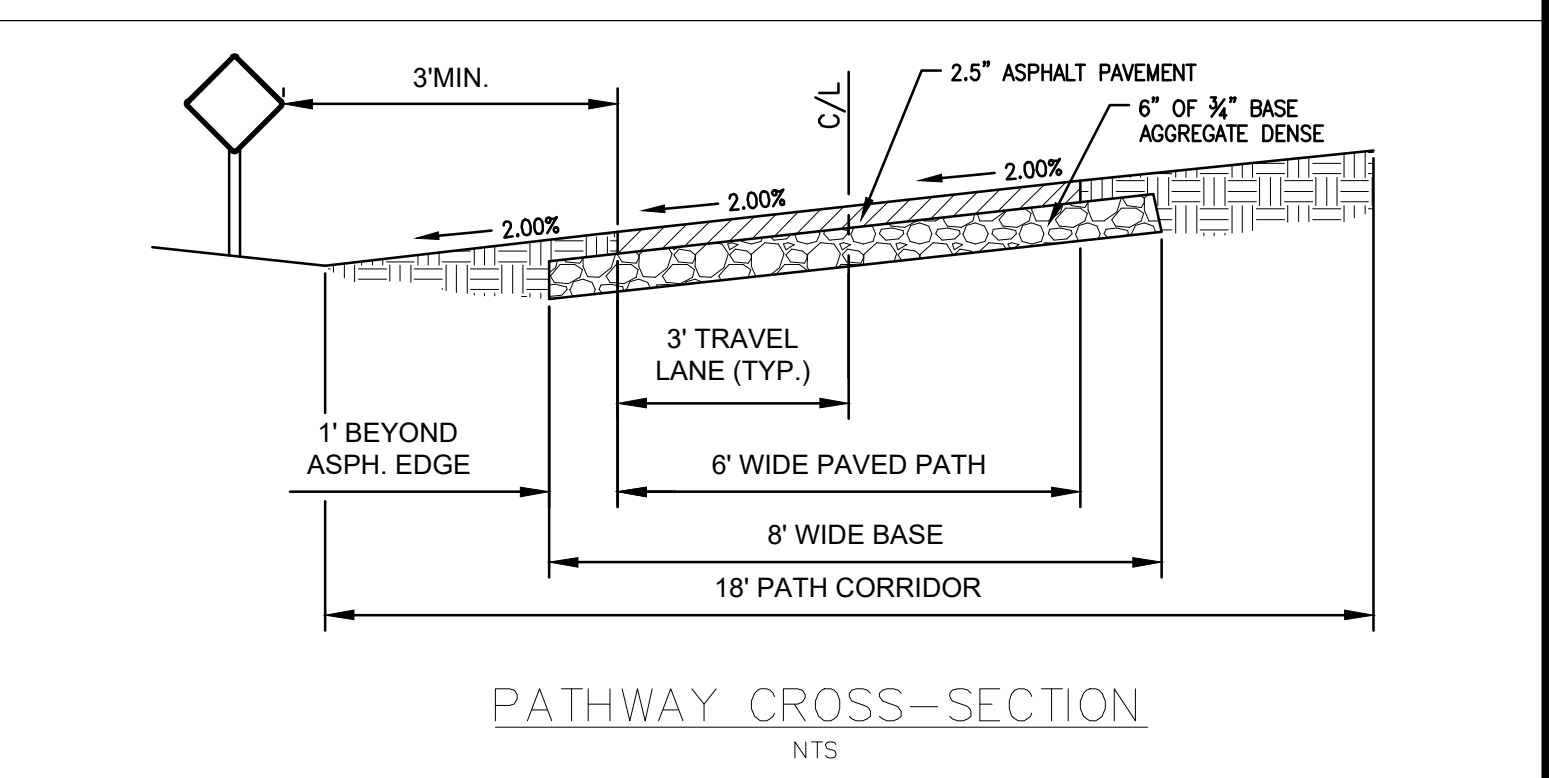
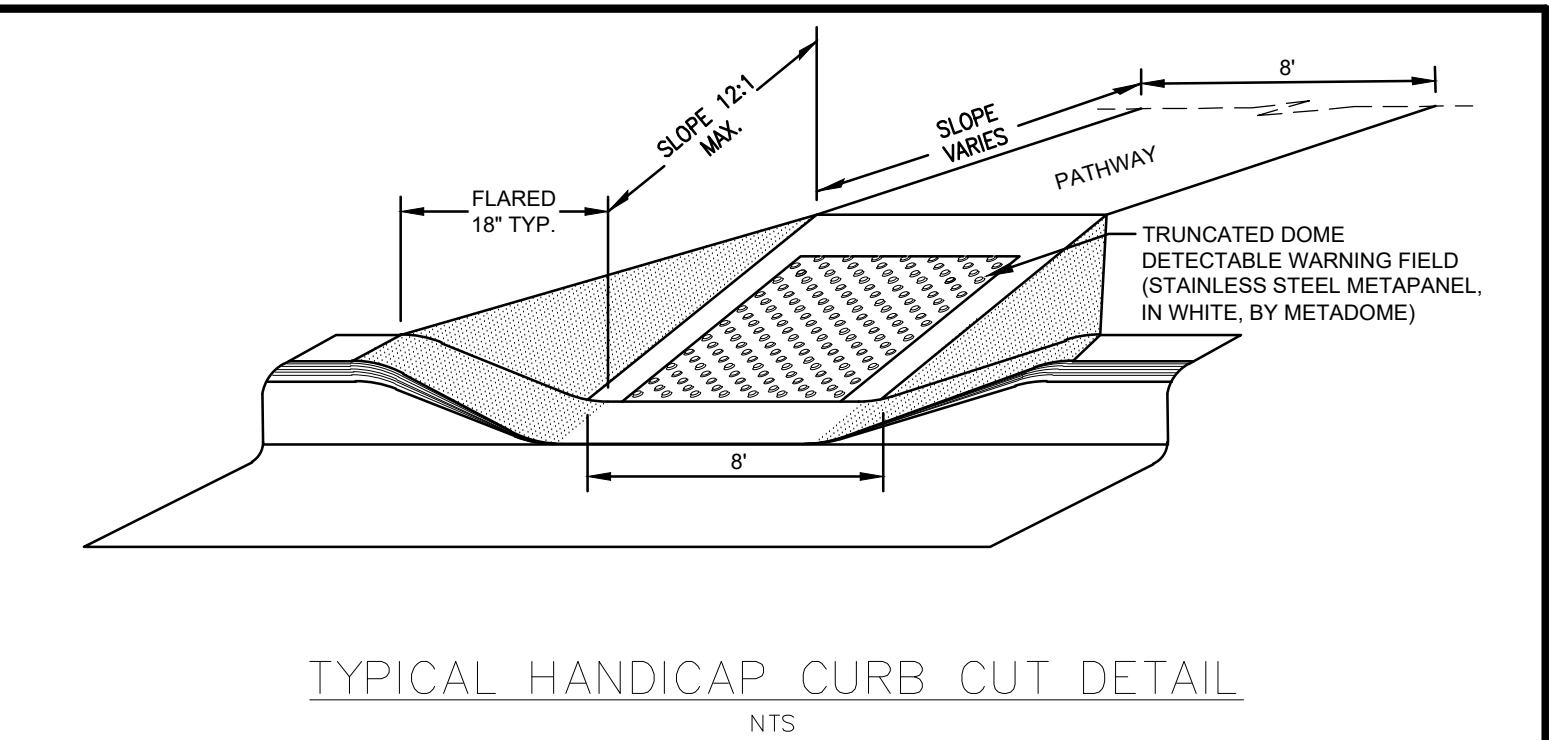
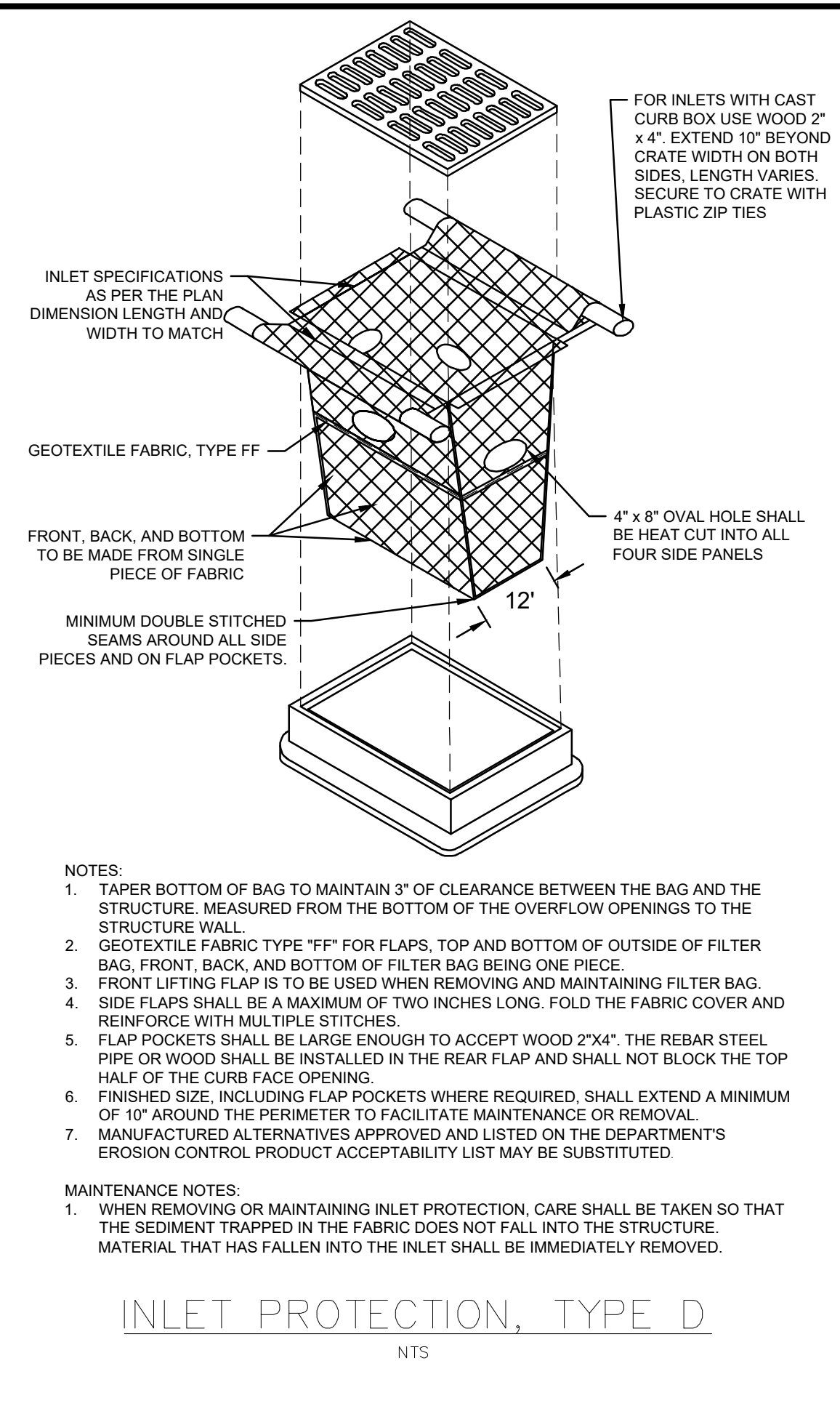
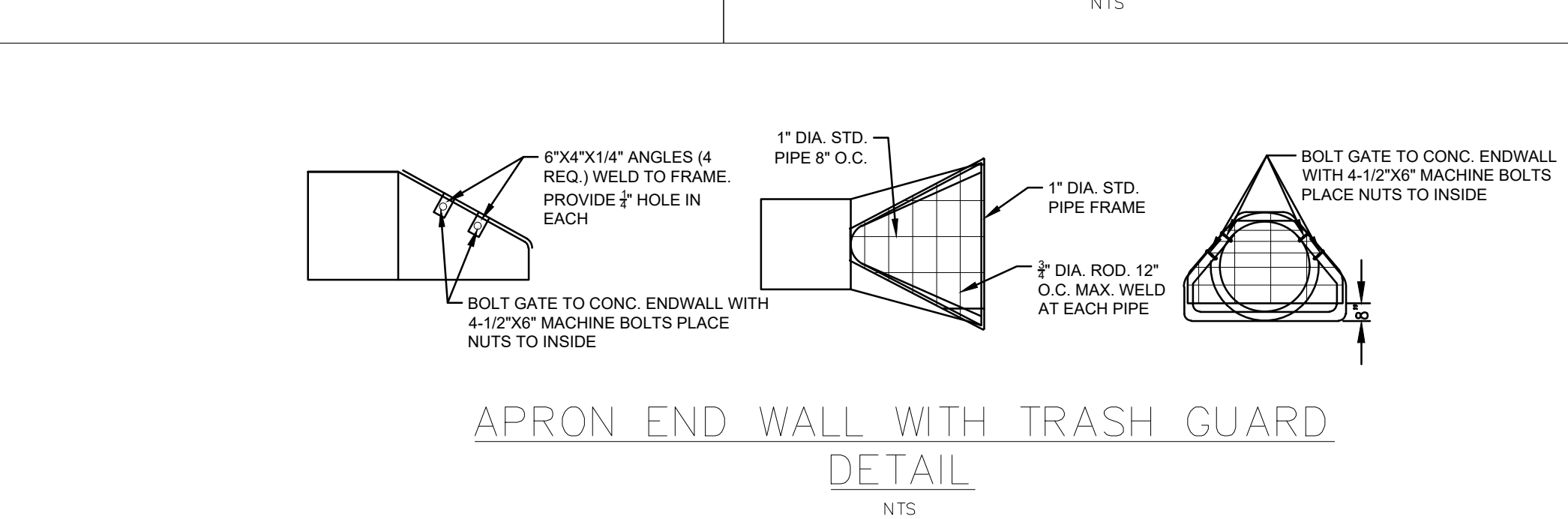
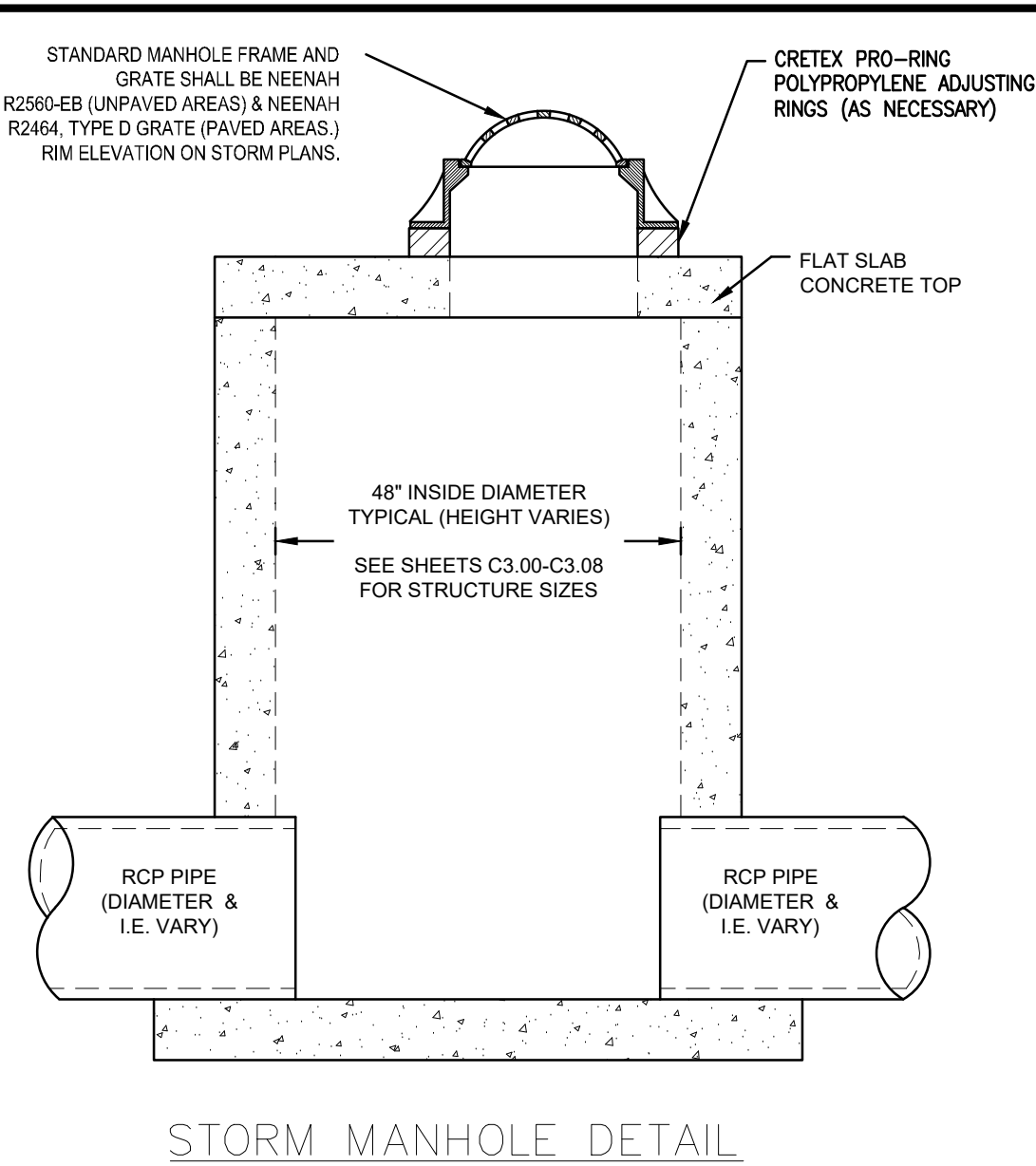
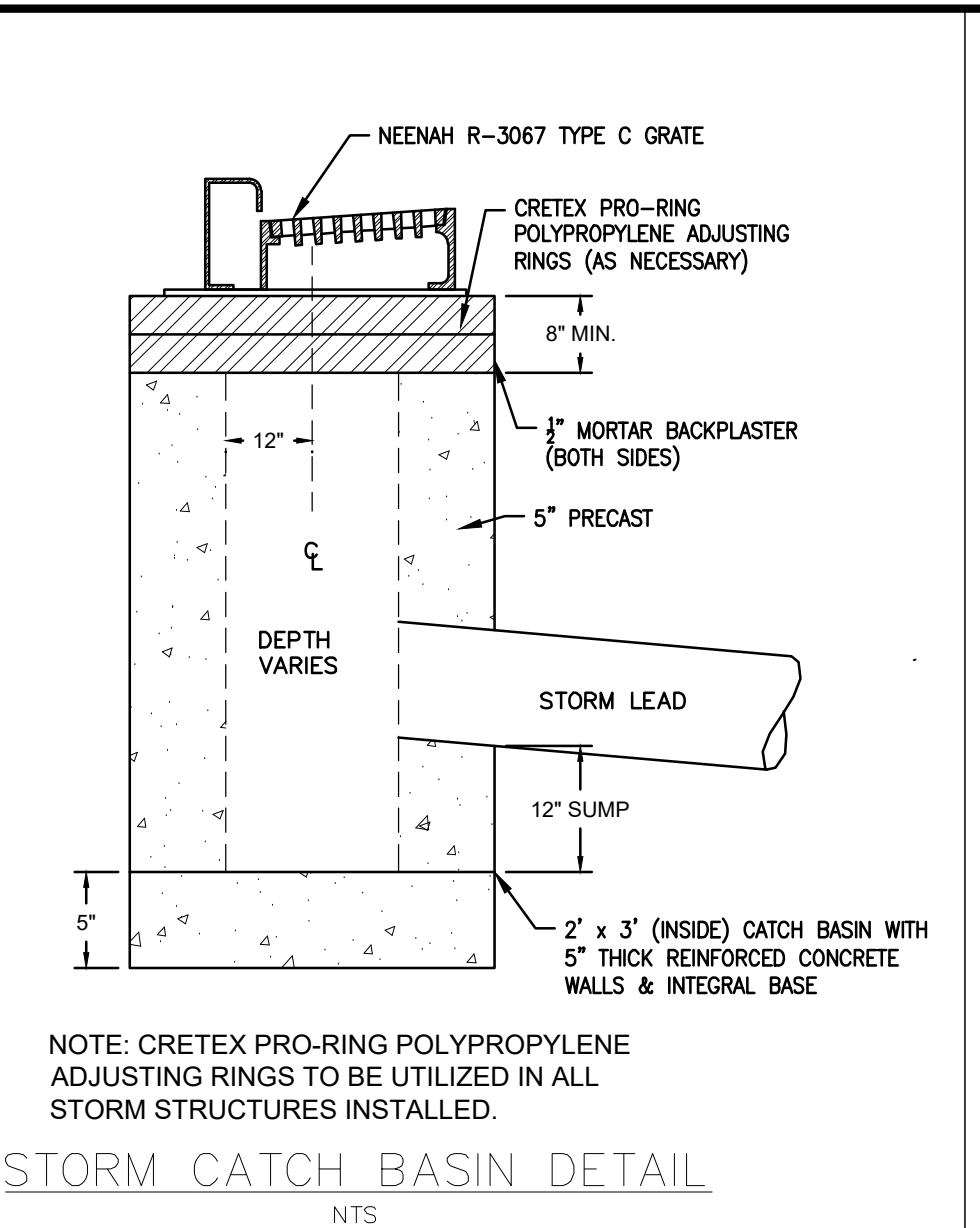
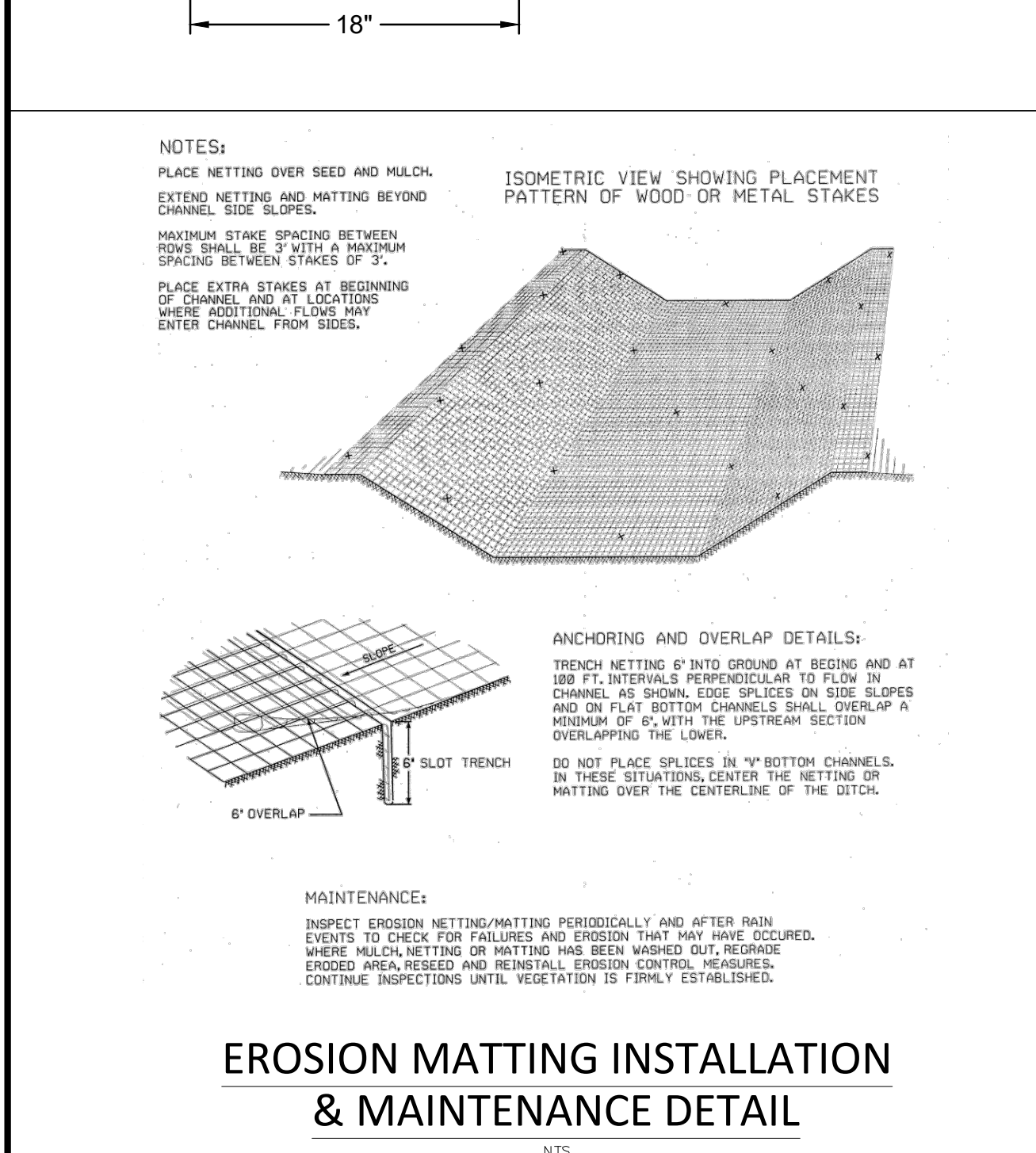
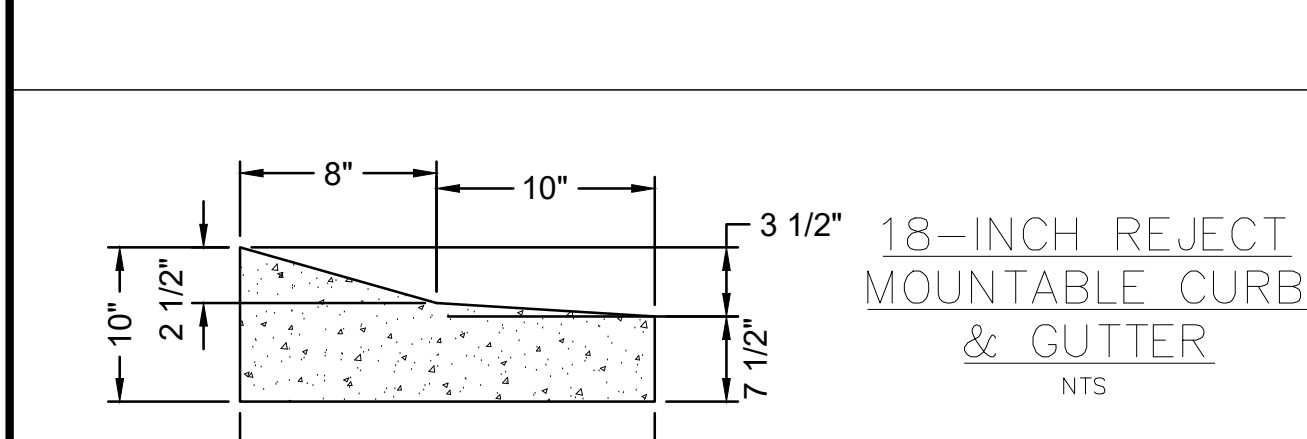
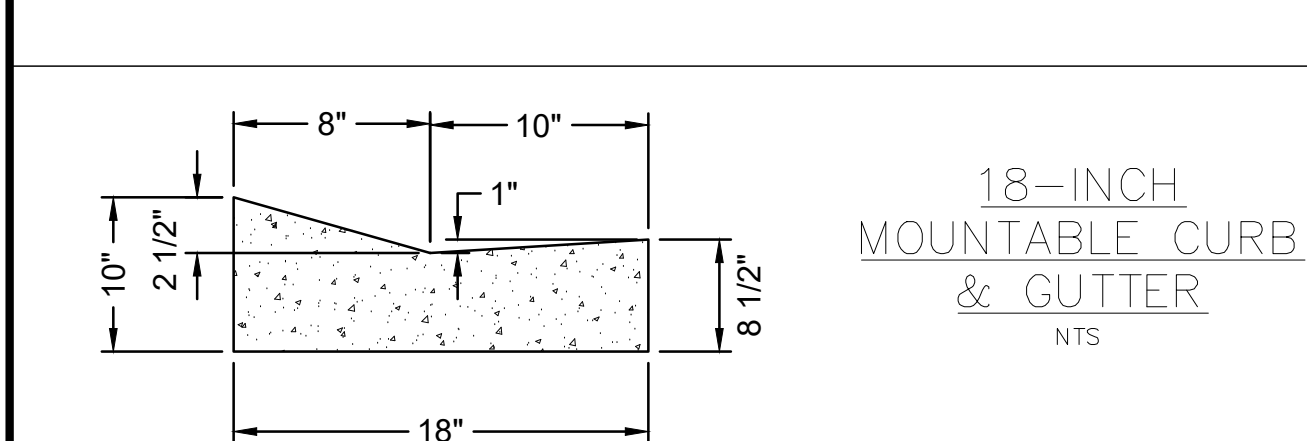
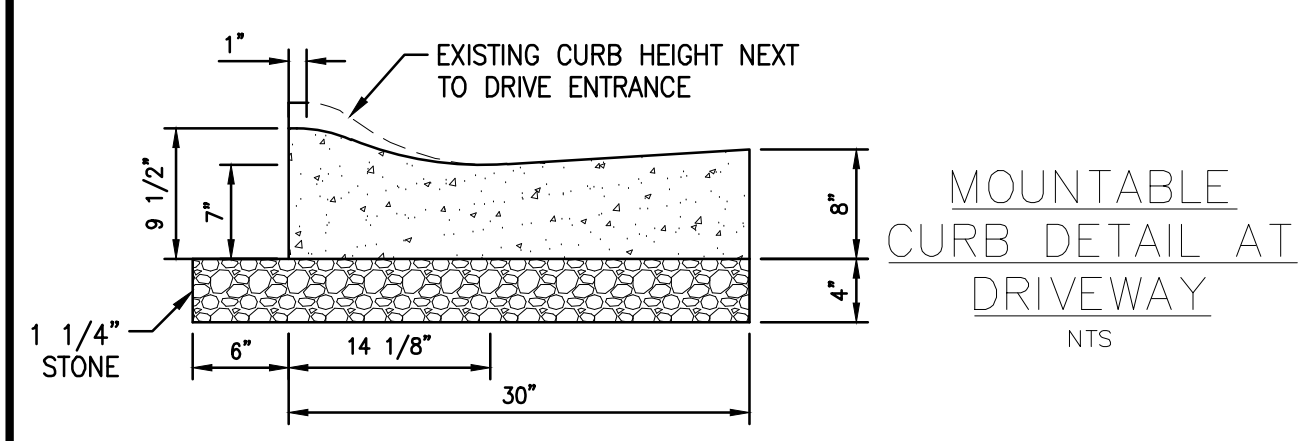
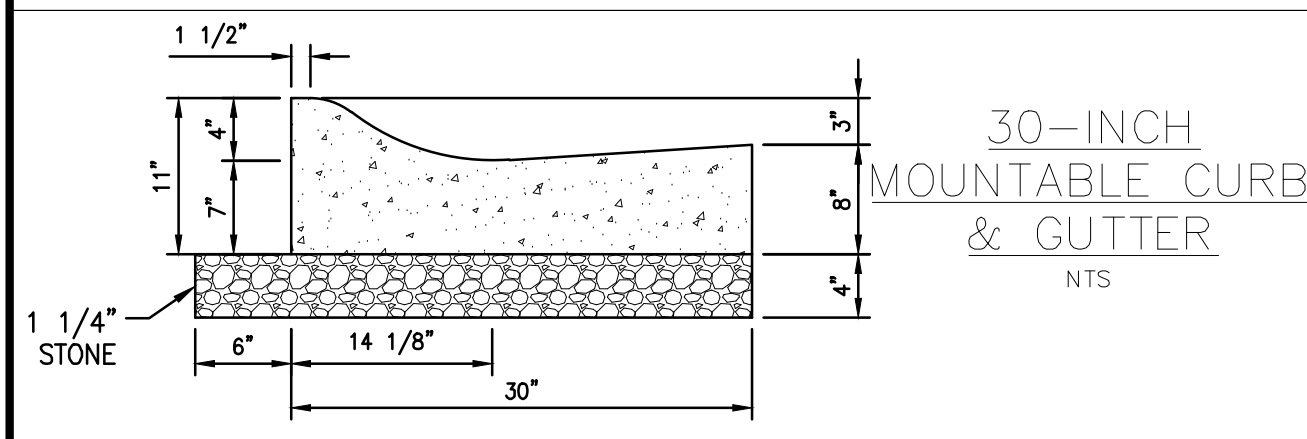
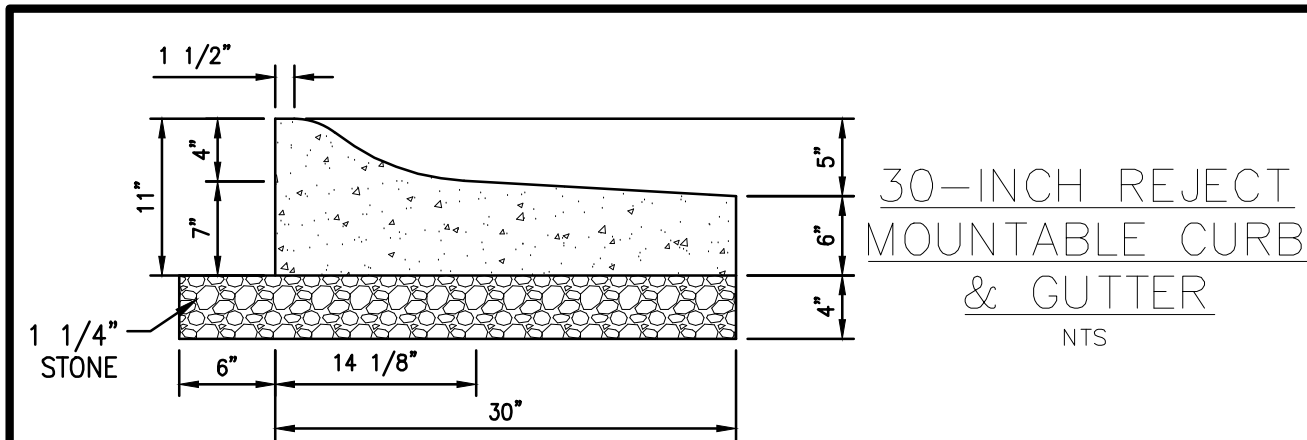
**Stone Ridge Subdivision (Phase 3) - Combined Construction Sequence and Construction Inspection Schedule**

*Date	Duration	Milestone or Task	Date of Inspection	Inspector Initials	Inspector Role
September 27, 2021		<b>Prior to grading activities</b>			
		Surveyor stakes silt fence, storm water BMPs and clearing limits			
		Plan implementation meeting (may be held in conjunction with pre-construction meeting)			
		Hold pre-construction meeting with Village, County, DNR, contractors, utilities			
		Install tracking pad(s)			EC Insp. Contractor
		Contact County LRD and other authorities at least 2 days prior to beginning construction			
		Seed & establish previously farmed areas with fescue mix within 30 days of permit issuance			
October 2021 / Spring 2022		<b>Construct Basins</b>			
		Strip topsoil in basin footprint and fill areas designated to accept basin spoils			
		Excavate proposed basins & install outlet structures			
		The following steps apply to basins (unless noted otherwise)			
		<b>Before berm material is placed verify that:</b>			Engineer Engineer
		- Topsoil, stumps and vegetation are stripped in basin footprint			
		- The basin berm is constructed with the suitable material			
		<b>Before all basin berms are re-compacted around outlet structures following installation, verify that:</b>			Engineer Engineer
		-The correct pipe diameter and materials are used			
		-Anti-seep devices are installed on specified outlet pipes			
		<b>Before topsoil is re-applied, verify that:</b>			Engineer Engineer Engineer
		-The 90% standard Proctor compaction req't is met by sampling at five locations along embankment			
		-The berm elevation is 5% above design height to allow for settling			
		<b>As-built elevations are correct (see as-built survey punch list)</b>			
		-Stabilize basin side slopes and berms			
Spring 2022		<b>Grading &amp; Utility Installation</b>			
		Seed & mulch areas not designated for mass grading and not currently adequately vegetated			EC Insp.
		Strip topsoil. Stockpile locations are shown on plan. Piles for re-use on site shall also be protected.			
		Install silt fence around stockpiles on sides & down-slopes			EC Insp.
		Temporary seed stockpiles within 7 days of lay-up			EC Insp.
		Rough grading & install ditch checks/sediment logs			
		Install storm sewer			
		Establish final grades & install all swale stabilization. Temporary ditch checks may be removed after matting has been installed.			EC Insp.
		Construct Roadways including base material, curb & gutter, and asphaltic pavement.			
		Install gas, electric and communications lines			
		All disturbed areas that remain inactive for longer than 7 days shall be stabilized per the final restoration plan			EC Insp.
		Topsoil, seed and mulch all other disturbed areas.			EC Insp.
		If temporary seeding is not completed by October 15, apply soil stabilizers per Note 6 and dormant seed to all disturbed areas.			Engineer
		Site must be stabilized by November 1 per General Note 6, above			
Spring 2022		<b>Project Wrap-Up</b>			
		After grass is well-established, all silt fence and other temporary BMPs will be removed, including removal of sediment and backfill of over-excavated areas			EC Insp.
		Complete as-built survey of basins and conveyances			Engineer
		Complete planting verification for required areas			Plant verifier
		Submit maintenance agreement addendum for approval			

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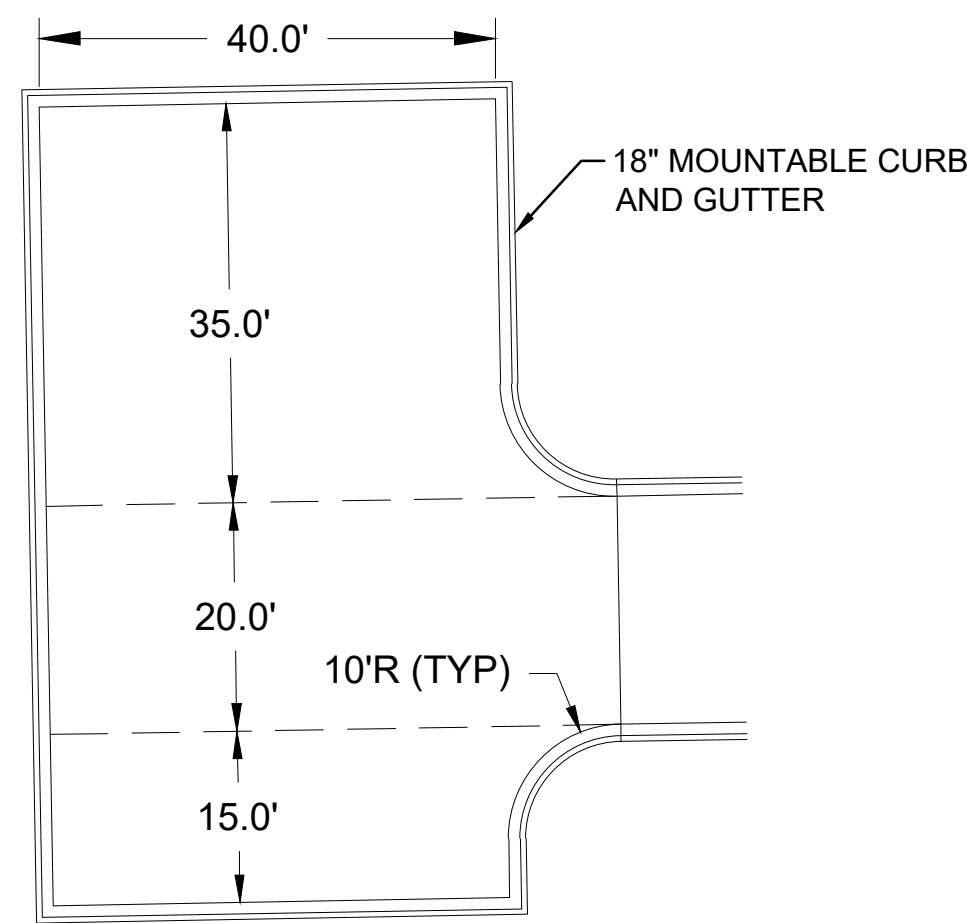
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Drawn By	JLS	▲	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/05/21			
Designed By	MRG						
Checked By	BTP						





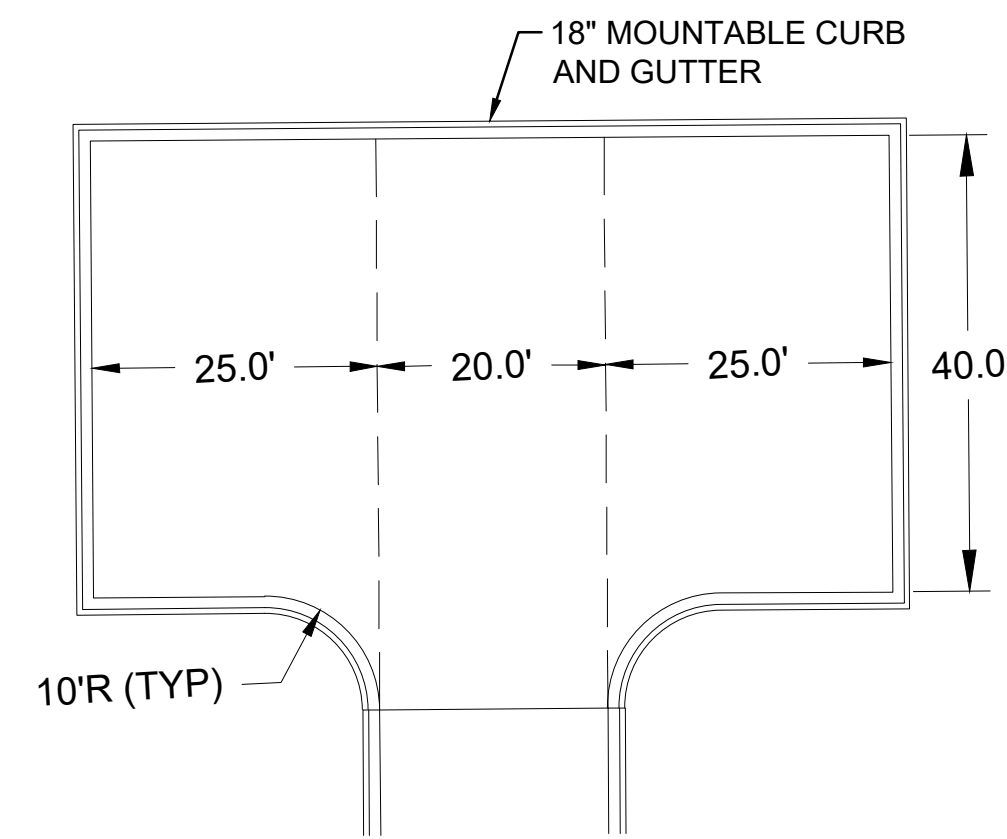
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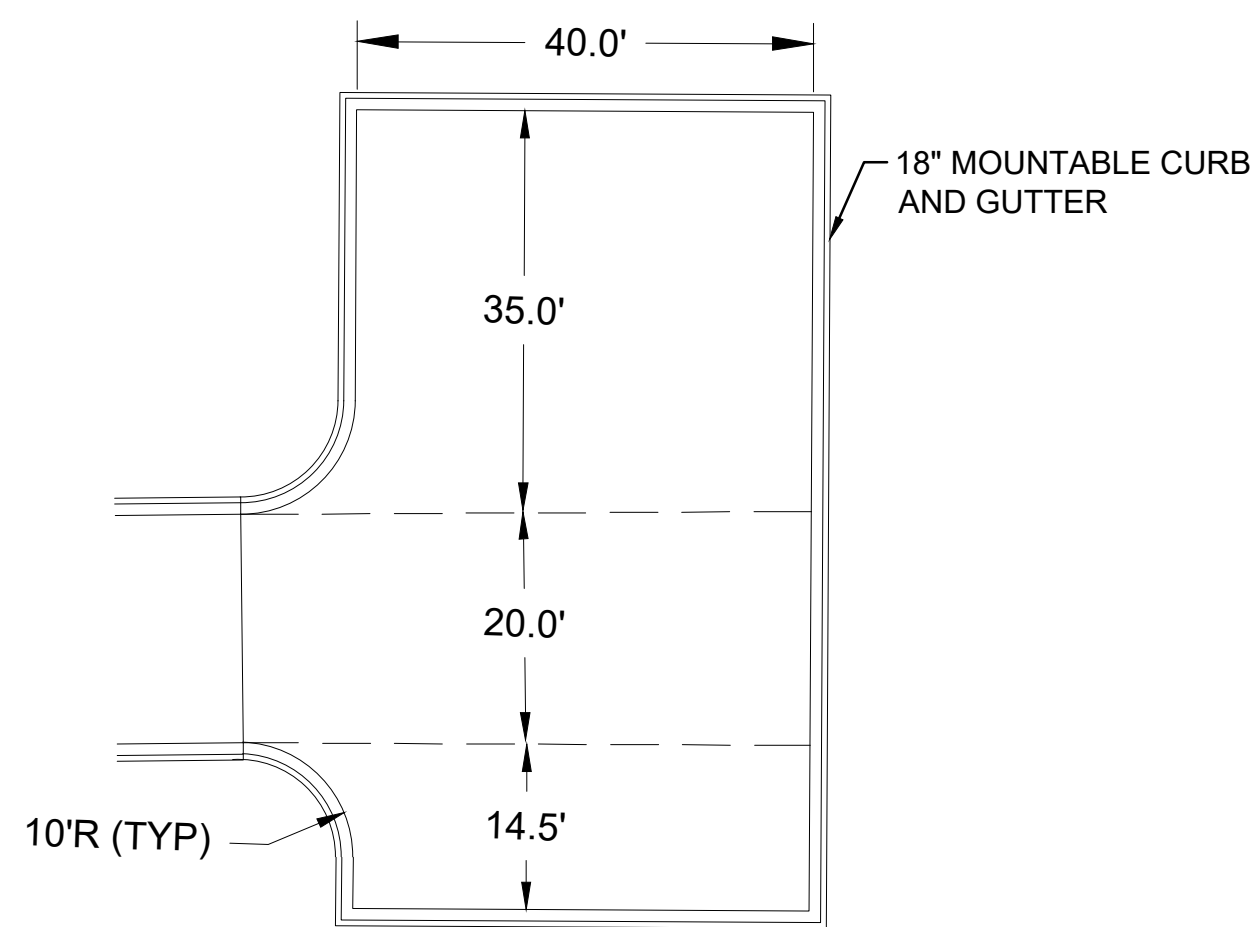
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(ALSA COURT)**

NTS



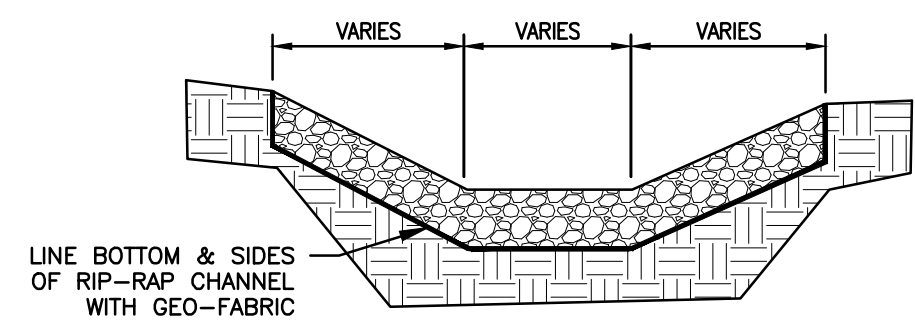
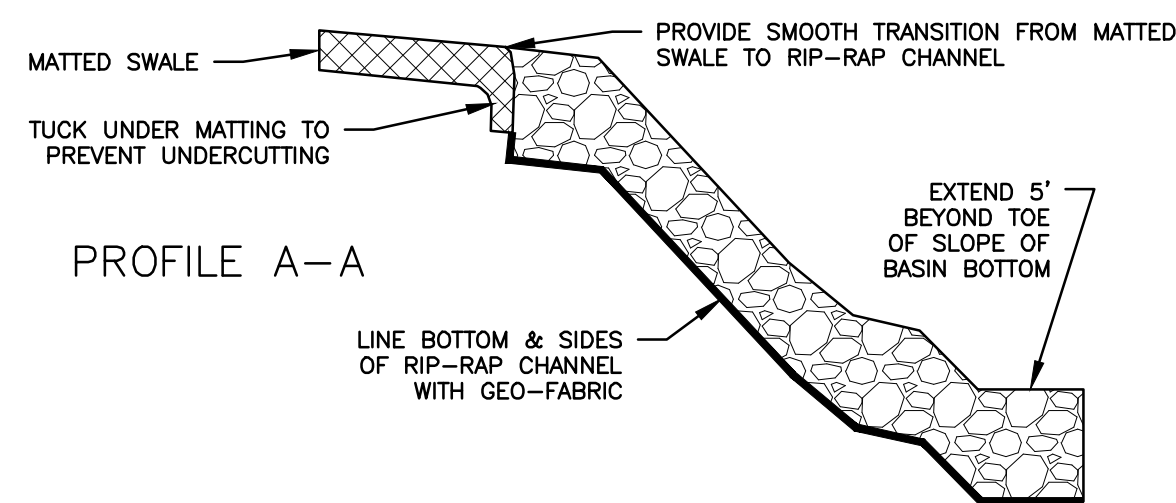
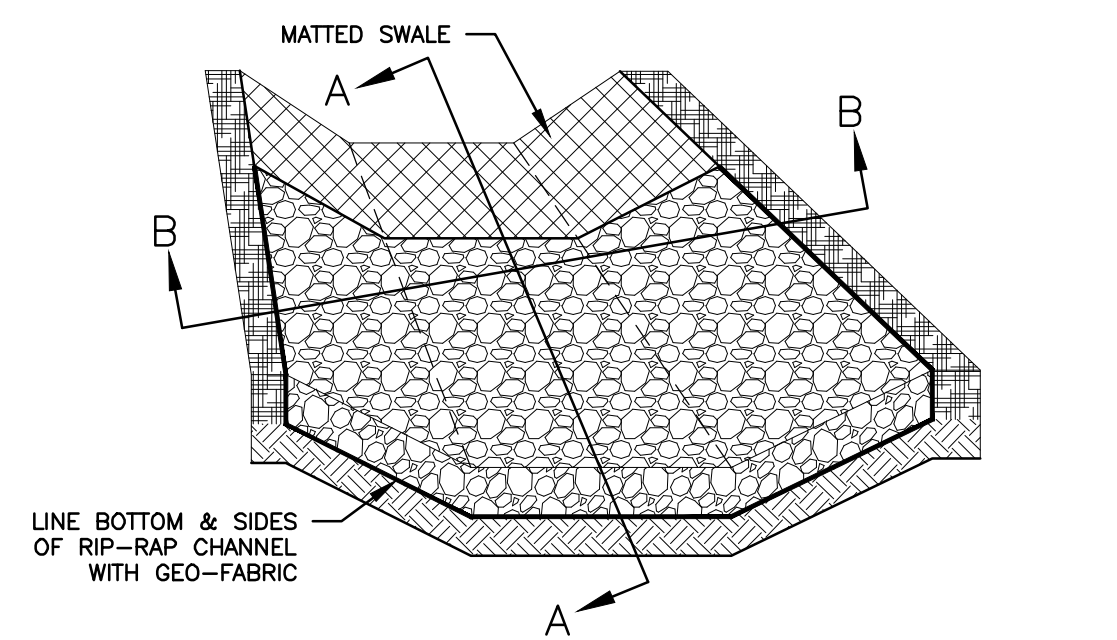
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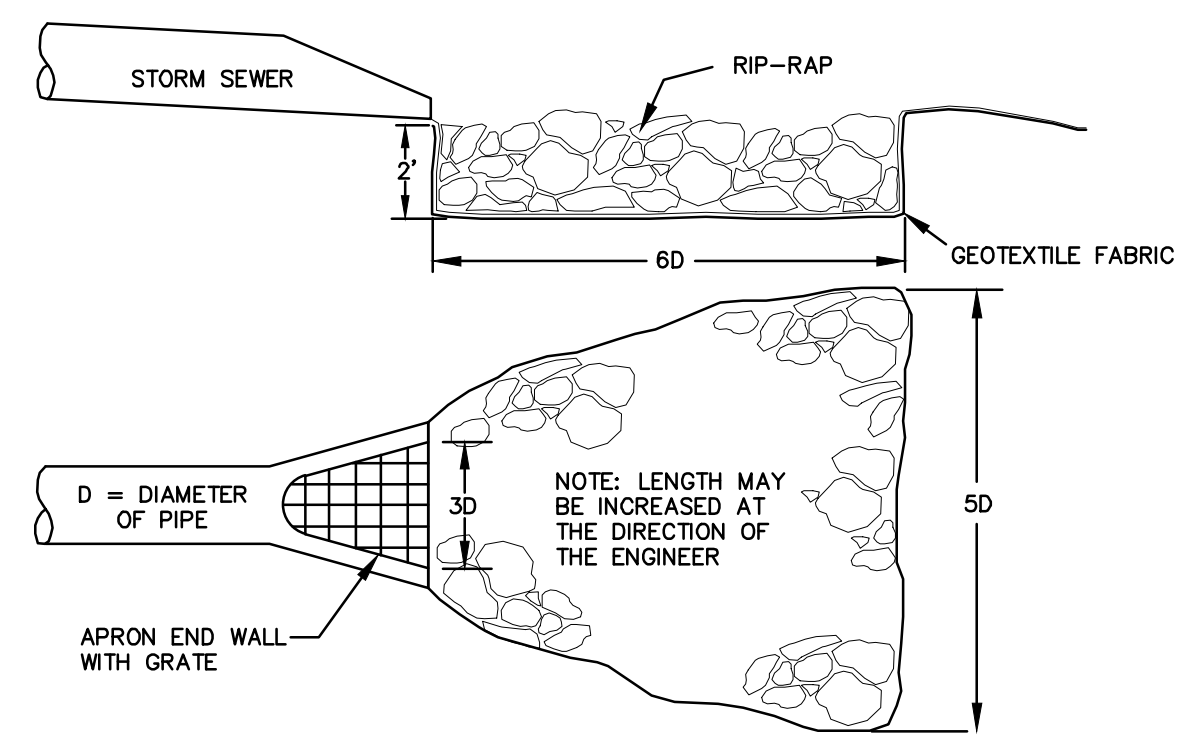


**PERMANENT ASPHALT TEE DETAIL  
(ALICEN COURT)**

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**CROSS SECTION B-B  
RIP-RAP CHANNEL DETAIL**  
NTS



**RIP-RAP DETAIL**  
NTS

NOTE:  
INSTALL RIP-RAP  
AT DOWNSTREAM END  
OF ALL PIPES

SEH Project HALQA160979  
Drawn By JLS  
Designed By MRG  
Checked By BTP

Rev.#  
REVISIONS BASED ON VILLAGE OF MERTON REVIEW

Date  
10/05/21

Revision Issue  
Description

Date



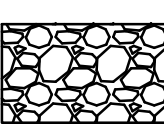




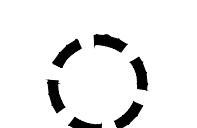
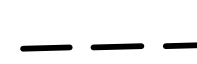
**STONE RIDGE SUBDIVISION  
(PHASE 2 & 3)**  
VILLAGE OF MERTON, WISCONSIN

**CONSTRUCTION DETAILS**

**C 1.03**  
of 33

**LEGEND**

- CLASS I, TYPE A (NAG - S75 OR APPROVED EQUAL) 
- CLASS III, TYPE A (NAG - P550 OR APPROVED EQUAL) 
- GRAVEL TRACKING PAD 

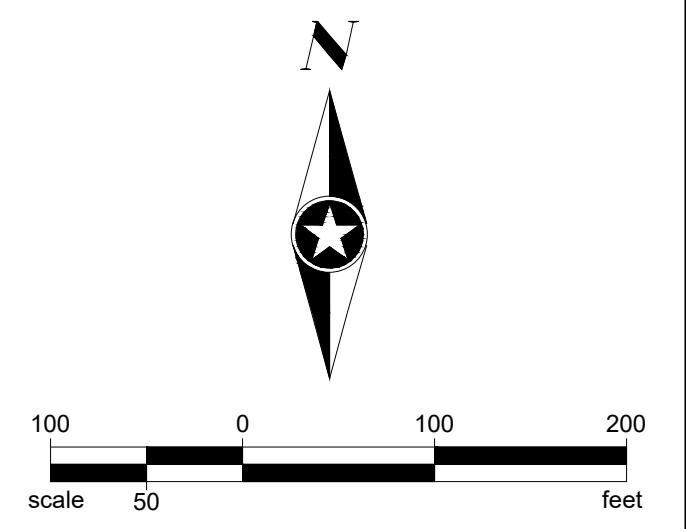
- SILT FENCE 
- SEDIMENT LOG 
- INLET PROTECTION TYPE D 
- SEPTIC SYSTEM LOCATION 

**NOTES:**

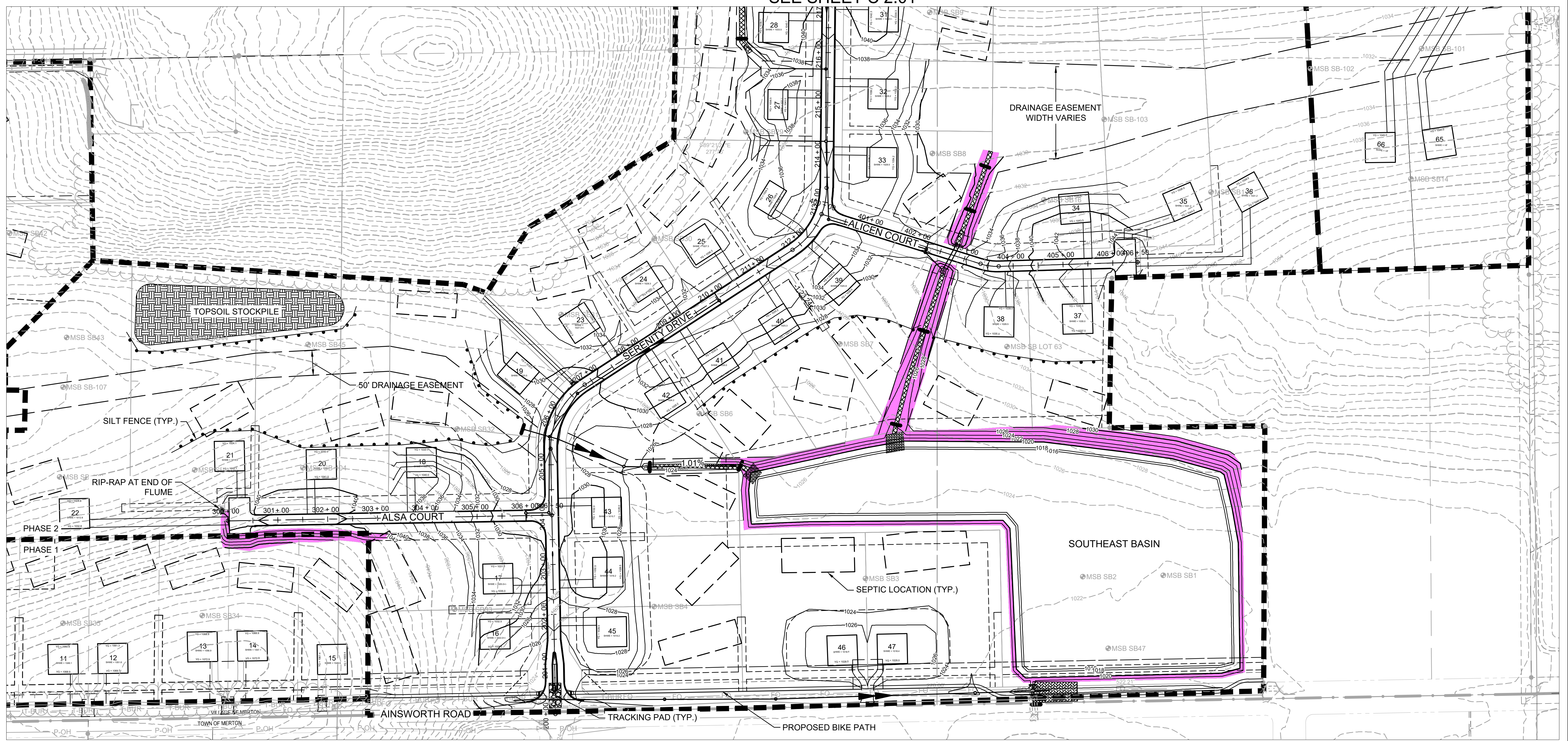
- ALL GRATED STORM INLETS WILL BE PROTECTED WITH TYPE D INLET PROTECTION.
- MATERIAL AND TOPSOIL STOCKPILES FOR PHASE 2 AND 3 WILL BE PROTECTED ON ALL SIDE AND DOWNSLOPES WITH SILT FENCE. ANY STOCKPILE INACTIVE FOR GREATER THAN 7 DAYS WILL BE TEMPORARILY SEEDED.
- ALL PHASE 2 AND 3 SEPTIC AREAS TO TO BE UNDISTURBED DURING GRADING ACTIVITIES. ALL AREAS TO BE CONFIRMED BY THE ENGINEER DURING THE PRE-CONSTRUCTION MEETING TO ESTABLISH HAUL ROUTES

**EROSION CONTROL:**

1. CONSTRUCT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH THE "WISCONSIN STORMWATER CONSTRUCTION AND POST-CONSTRUCTION TECHNICAL STANDARDS".
2. SEDIMENT CONTROL MEASURES MAY NEED TO BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION.
3. INSPECT SEDIMENT CONTROL STRUCTURES FOR INTEGRITY AFTER ANY SIGNIFICANT RAINFALL OF 1/2" OR MORE AND ON A WEEKLY BASIS. CORRECT ANY DAMAGED STRUCTURES IMMEDIATELY.
4. DO NOT REMOVE ANY SEDIMENT CONTROL MEASURES UNTIL THE AREAS SERVED HAVE BEEN STABILIZED.
5. ALL TRACKED SOIL/SEDIMENT ON ADJACENT STREETS FROM THIS PROJECT MUST BE CLEANED, COLLECTED AND PROPERLY DISPOSED OF ON A DAILY BASIS, MINIMUM. CONTRACTORS ARE REQUIRED TO USE THE TRACKING DRIVE ONLY FOR ACCESS TO THE SITE.
6. IF DE-WATERING BECOMES NECESSARY THEN ALL TRENCH DE-WATERING SHALL BE PUMPED INTO A SEDIMENT BAG AND DIRECTED TO A SECONDARY CONTAINMENT AREA PRIOR TO LEAVING THE SITE.
7. TEMPORARY DIVERSION SWALES SHALL BE RESTORED USING CLASS I - TYPE B ECRM. ALL SLOPES GRADED TO 4:1 OR STEEPER MUST BE RESTORED WITH CLASS I - TYPE A ECRM TO ESTABLISH VEGETATION AND MINIMIZE EROSION. ALL SWALE AND CHANNEL BOTTOMS MUST BE RESTORED WITH CLASS II - TYPE B ECRM UNLESS OTHERWISE NOTED.
8. ALL PREVIOUS CROPLAND AREAS WHERE LAND DISTURBING ACTIVITIES WILL NOT BE OCCURRING UNDER THE PROPOSED GRADING PLANS, SHALL BE STABILIZED WITHIN 30 DAYS OF PERMIT ISSUANCE USING NO MOW FESCUE GRASS. STABILIZE ALL OTHER DISTURBED AREAS WITHIN 7 DAYS OF FINAL GRADING AND TOPSOIL APPLICATION. LARGE SITES SHALL BE TREATED IN STAGES AS FINAL GRADING IS COMPLETED IN EACH STAGE. ANY SOIL EROSION THAT OCCURS AFTER FINAL GRADING OR THE APPLICATION OF STABILIZATION MEASURES MUST BE REPAIRED AND THE STABILIZATION WORK REDONE PER WAUKESHA COUNTY ORDINANCE SECTION 14-340 (c) 14.



SEE SHEET C 2.01



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SEH Project	HALQA160979	Rev.#	Revision Issue Description	Date	Rev.#	Revision Issue Description	Date
Drawn By	JLS	▲	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/05/21			
Designed By	MRG	▲	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/12/21			
Checked By	BTP						


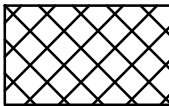
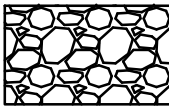


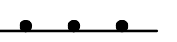



**STONE RIDGE SUBDIVISION**  
(PHASE 2 & 3)  
VILLAGE OF MERTON, WISCONSIN

**INTERIM GRADING AND EROSION CONTROL PLAN**

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of 33

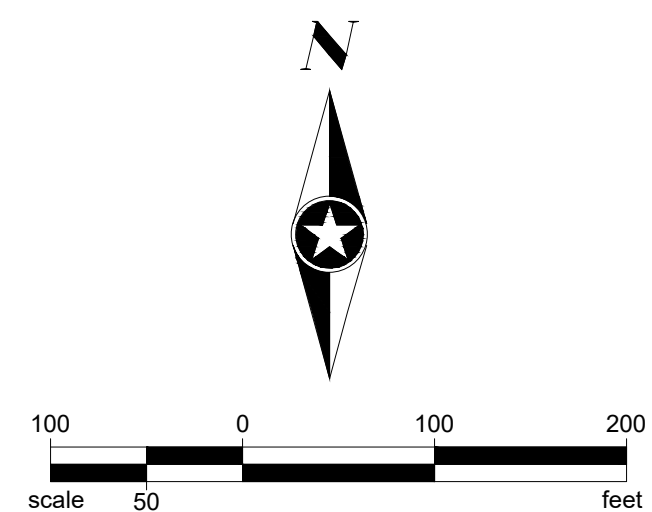
**LEGEND**

- CLASS I, TYPE A  
(NAG - S75 OR APPROVED EQUAL) 
- CLASS III, TYPE A  
(NAG - P550 OR APPROVED EQUAL) 
- GRAVEL TRACKING PAD 

- SILT FENCE 
- SEDIMENT LOG 
- INLET PROTECTION TYPE D 
- SEPTIC SYSTEM LOCATION 

**NOTES:**

- ALL GRATED STORM INLETS WILL BE PROTECTED WITH TYPE D INLET PROTECTION.
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- ALL PHASE 2 AND 3 SEPTIC AREAS TO TO BE UNDISTURBED DURING GRADING ACTIVITIES. ALL AREAS TO BE CONFIRMED BY THE ENGINEER DURING THE PRE-CONSTRUCTION MEETING TO ESTABLISH HAUL ROUTES.



SEE SHEET C 2.00

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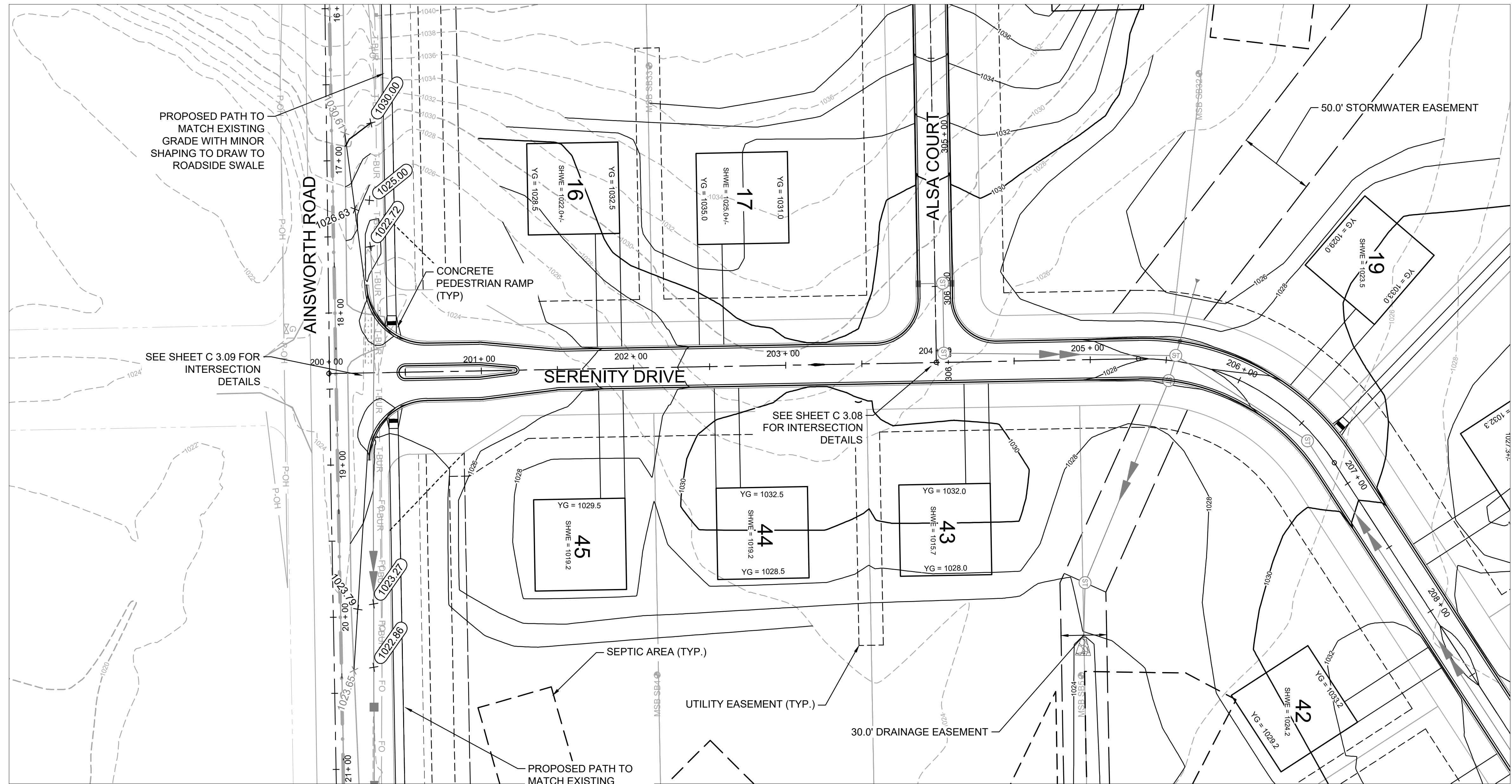


**STONE RIDGE SUBDIVISION**  
(PHASE 2 & 3)  
VILLAGE OF MERTON, WISCONSIN

**INTERIM GRADING AND EROSION CONTROL PLAN**



NOTE: BASEMENT FLOOR GRADE TO BE AT LEAST ONE FOOT ABOVE THE SEASONAL HIGH WATER ELEVATION (SHWE).



PROPOSED PATH TO MATCH EXISTING GRADE WITH MINOR SHAPING TO DRAW TO ROADSIDE SWALE

SEE SHEET C 3.09 FOR INTERSECTION DETAILS

SEE SHEET C 3.08 FOR INTERSECTION DETAILS

PROPOSED PATH TO MATCH EXISTING GRADE WITH MINOR SHAPING TO DRAW TO ROADSIDE SWALE

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Designed By MRG  
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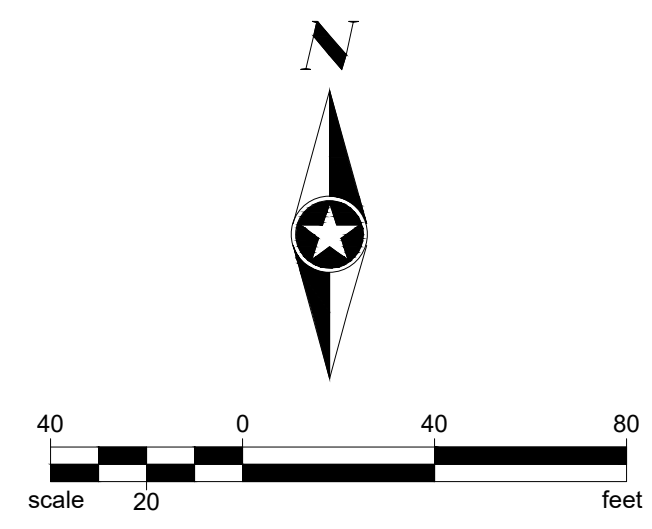
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2	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/12/21

Rev.#	Revision Issue Description	Date

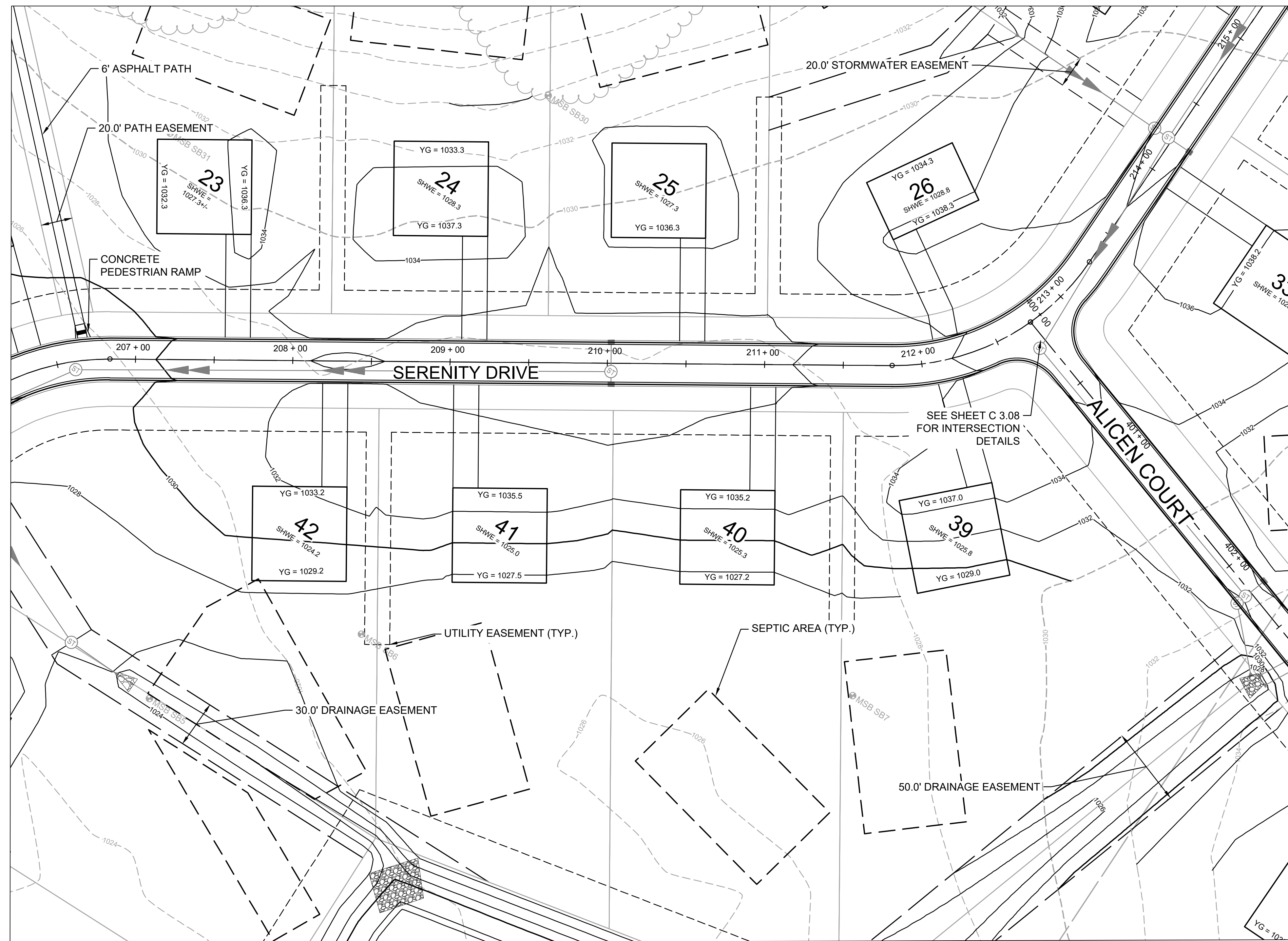


STONE RIDGE SUBDIVISION  
(PHASE 2 & 3)  
VILLAGE OF MERTON, WISCONSIN

GRADING DETAILS - SERENTIY DR  
(STA 200+00 TO 206+50)



NOTE: BASEMENT FLOOR GRADE TO BE AT LEAST ONE FOOT ABOVE THE SEASONAL HIGH WATER ELEVATION (SHWE).



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SEH Project HALQA160979  
 Drawn By JLS  
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Rev.#	Revision Issue Description	Date
1	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/05/21

Rev.#	Revision Issue Description	Date

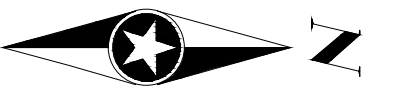


STONE RIDGE SUBDIVISION  
 (PHASE 2 & 3)  
 VILLAGE OF MERTON, WISCONSIN

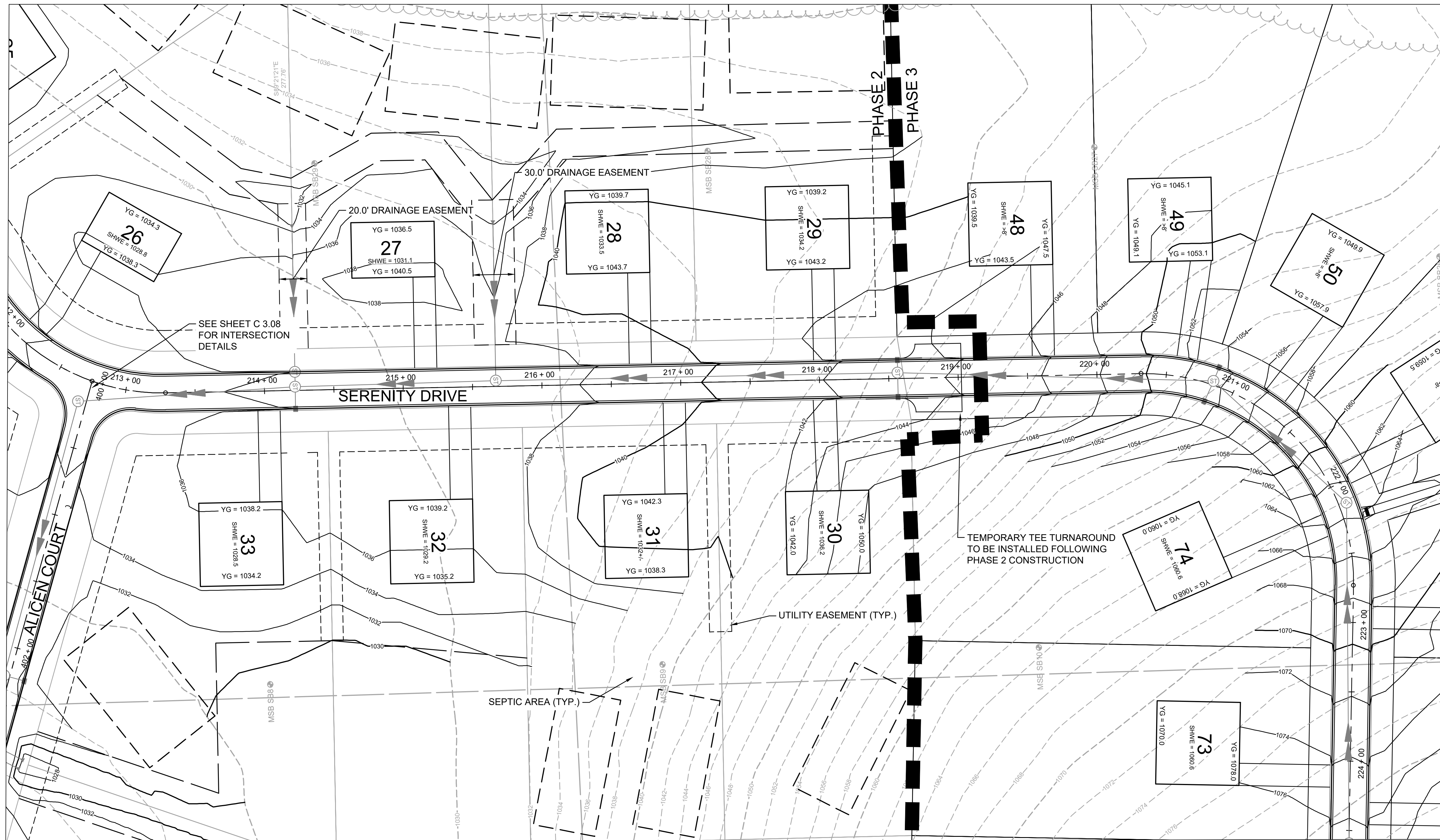
GRADING DETAILS - SERENITY DR  
 (STA 206+50 TO 213+00)

C 2.11  
 of 33





NOTE: BASEMENT FLOOR GRADE TO BE AT LEAST ONE FOOT ABOVE THE SEASONAL HIGH WATER ELEVATION (SHWE).



SEE SHEET C 3.08 FOR INTERSECTION DETAILS

TEMPORARY TEE TURNAROUND TO BE INSTALLED FOLLOWING PHASE 2 CONSTRUCTION

UTILITY EASEMENT (TYP.)

SEPTIC AREA (TYP.)

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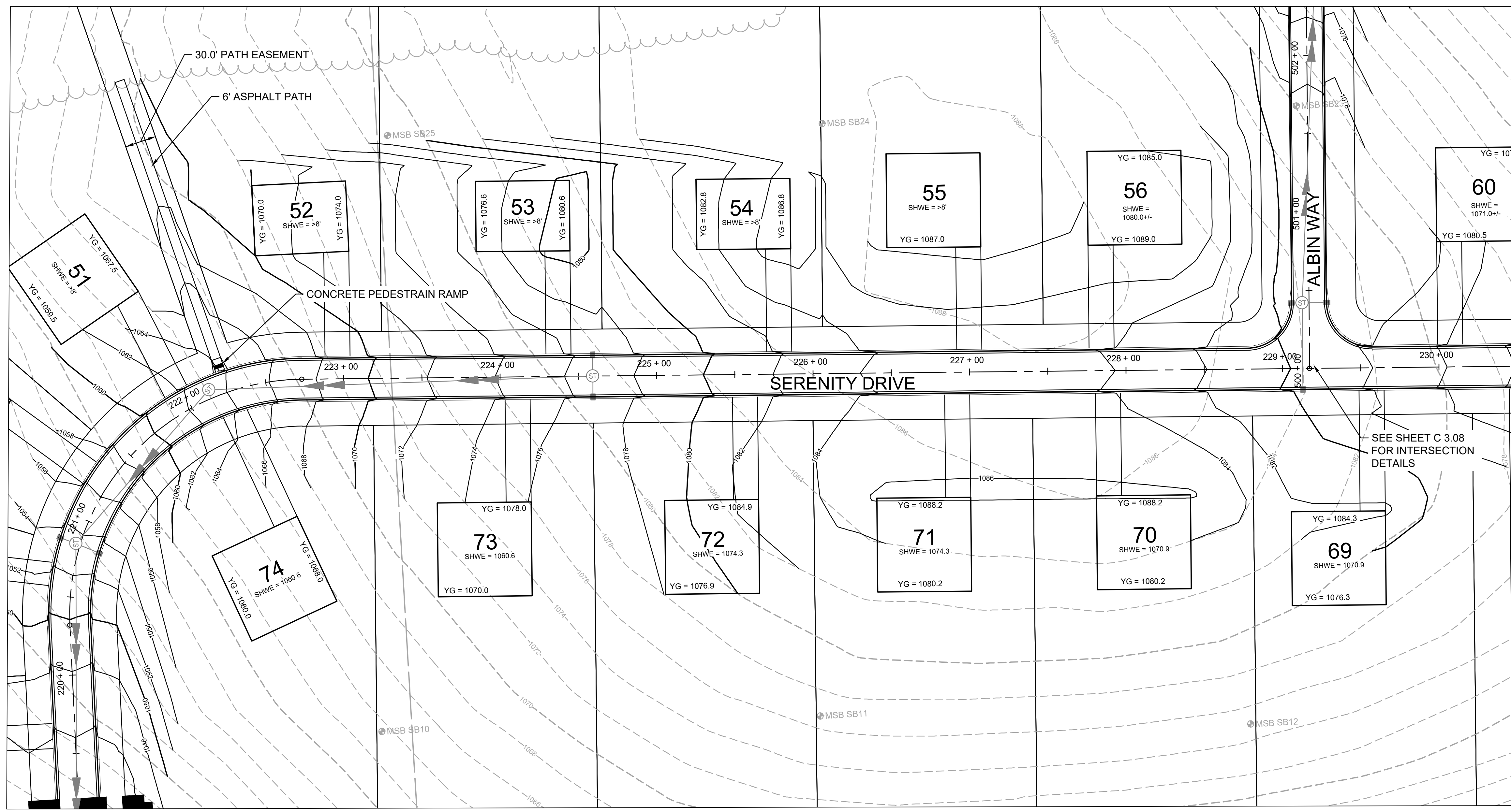
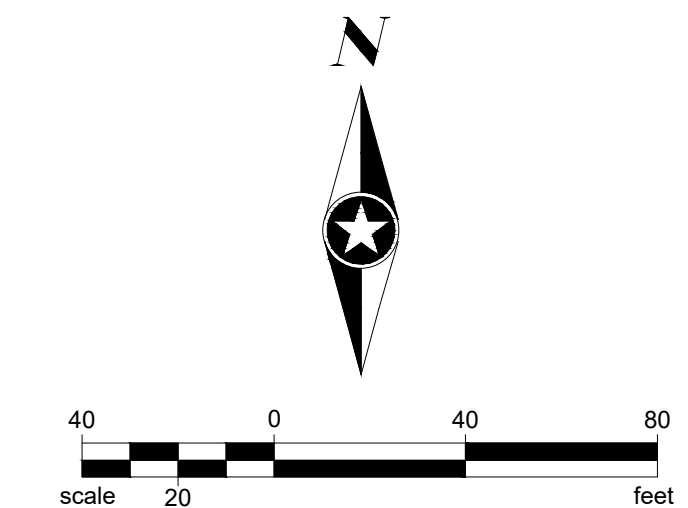
Rev.#	Revision Issue Description	Date
1	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/05/21

Rev.#	Revision Issue Description	Date



STONE RIDGE SUBDIVISION  
(PHASE 2 & 3)  
VILLAGE OF MERTON, WISCONSIN

GRADING DETAILS - SERENITY DR (STA 213+00 TO 221+00)



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Rev.#	Revision Issue Description	Date
1	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/05/21

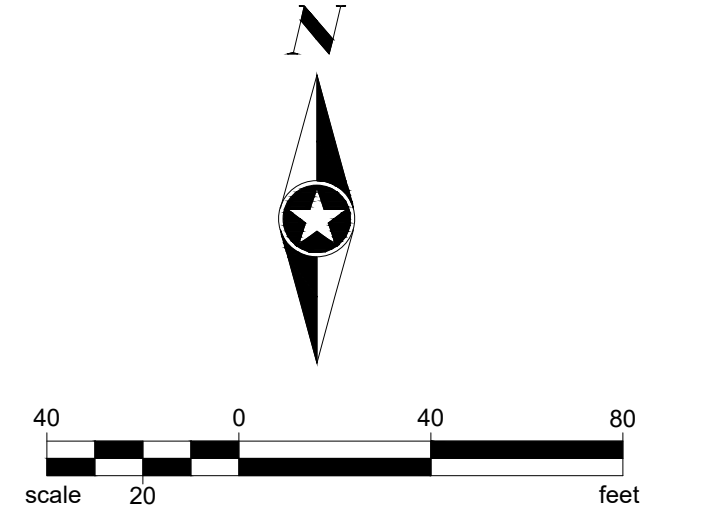
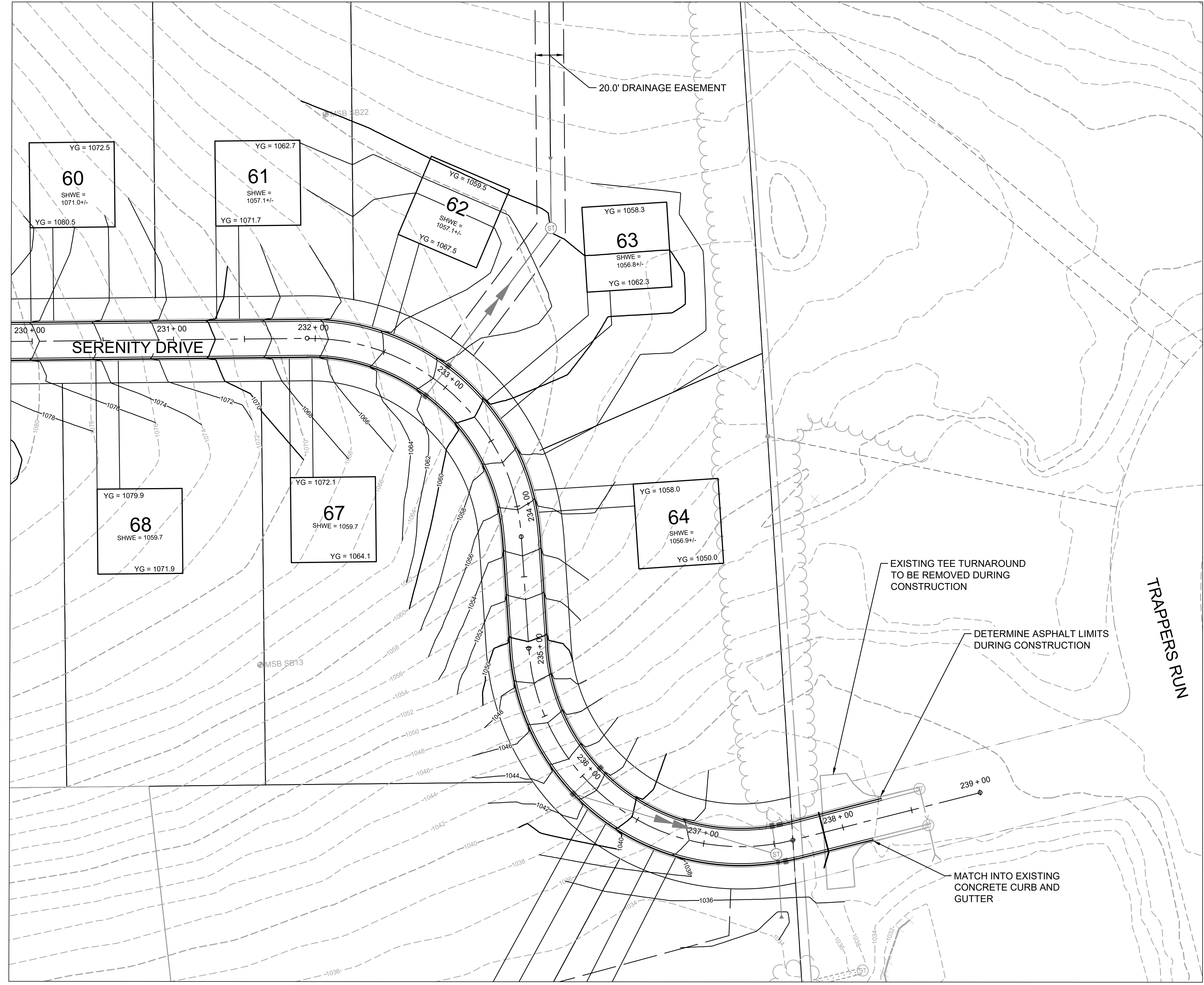
Rev.#	Revision Issue Description	Date



**STONE RIDGE SUBDIVISION**  
 (PHASE 2 & 3)  
 VILLAGE OF MERTON, WISCONSIN

**GRADING DETAILS - SERENITY DR (STA 221+00 TO 230+00)**

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NOTE: BASEMENT FLOOR GRADE TO BE AT LEAST ONE FOOT ABOVE THE SEASONAL HIGH WATER ELEVATION (SHWE).

SEH Project HALQA160979  
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 Designed By MRG  
 Checked By BTP

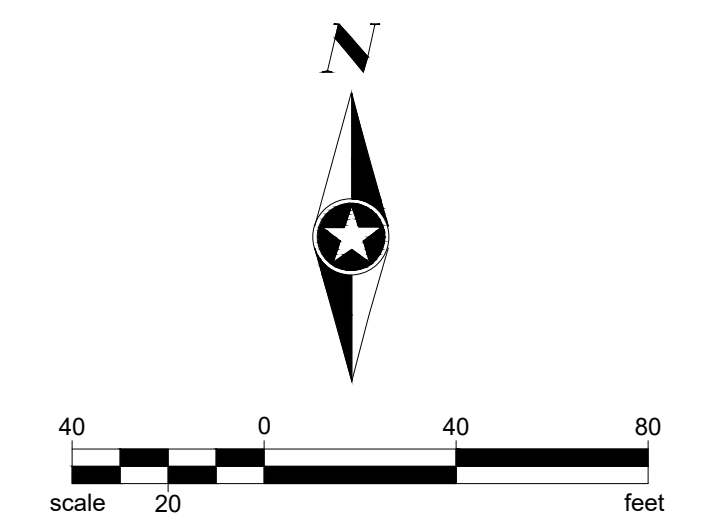
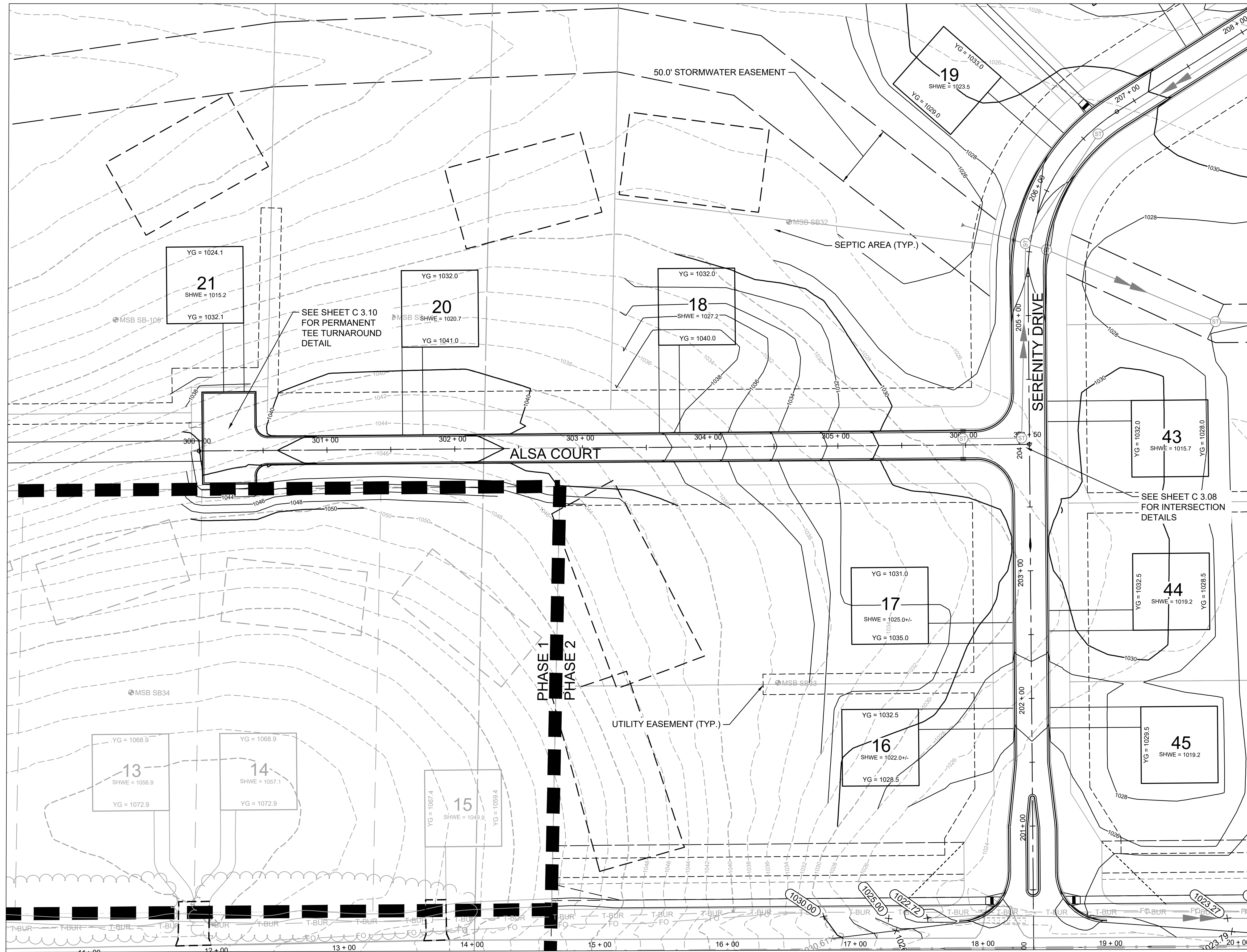
Rev.#	Revision Issue Description	Date
1	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/05/21

Rev.#	Revision Issue Description	Date



**STONE RIDGE SUBDIVISION**  
 (PHASE 2 & 3)  
 VILLAGE OF MERTON, WISCONSIN

**GRADING DETAILS - SERENITY DR (STA 230+00 TO 239+00)**



NOTE: BASEMENT FLOOR GRADE TO BE AT LEAST ONE FOOT ABOVE THE SEASONAL HIGH WATER ELEVATION (SHWE).

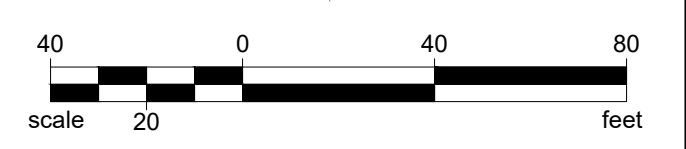
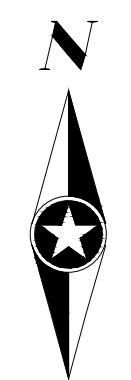
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SEH Project	HALQA160979	Rev.#	Revision Issue Description	Date	Rev.#	Revision Issue Description	Date
Drawn By	JLS	1	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/05/21			
Designed By	MRG	2	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/12/21			
Checked By	BTP						



**STONE RIDGE SUBDIVISION**  
**(PHASE 2 & 3)**  
 VILLAGE OF MERTON, WISCONSIN

**GRADING DETAILS - ALSA COURT**



NOTE: BASEMENT FLOOR GRADE TO BE AT LEAST ONE FOOT ABOVE THE SEASONAL HIGH WATER ELEVATION (SHWE).



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SEH Project	HALQA160979
Drawn By	JLS
Designed By	MRG
Checked By	BTP

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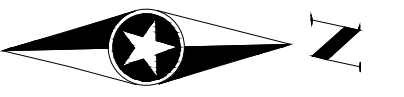
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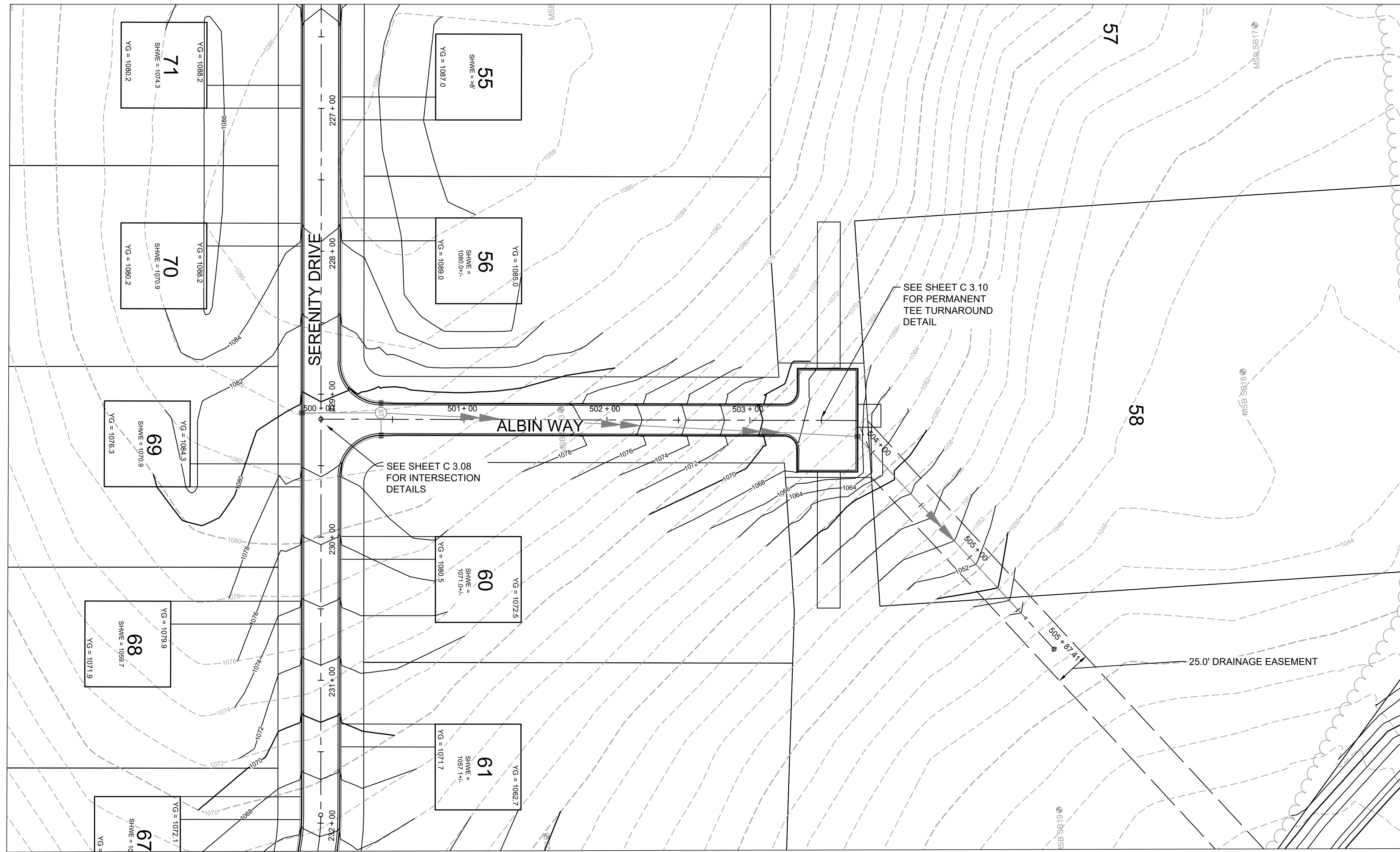
STONE RIDGE SUBDIVISION  
(PHASE 2 & 3)  
VILLAGE OF MERTON, WISCONSIN

GRADING DETAILS - ALICEN COURT

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of 33



NOTE: BASEMENT FLOOR GRADE TO BE AT LEAST ONE FOOT ABOVE THE SEASONAL HIGH WATER ELEVATION (SHWE).



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SEH Project HALQA160979  
Drawn By JLS  
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Rev.#  
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Revision Issue Description  
REVISIONS BASED ON VILLAGE OF MERTON REVIEW

Date  
10/05/21

Rev.#  
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Revision Issue Description

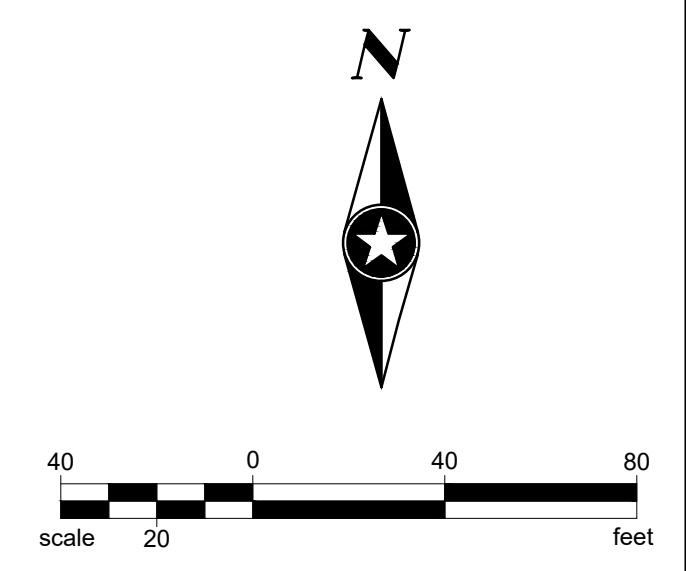
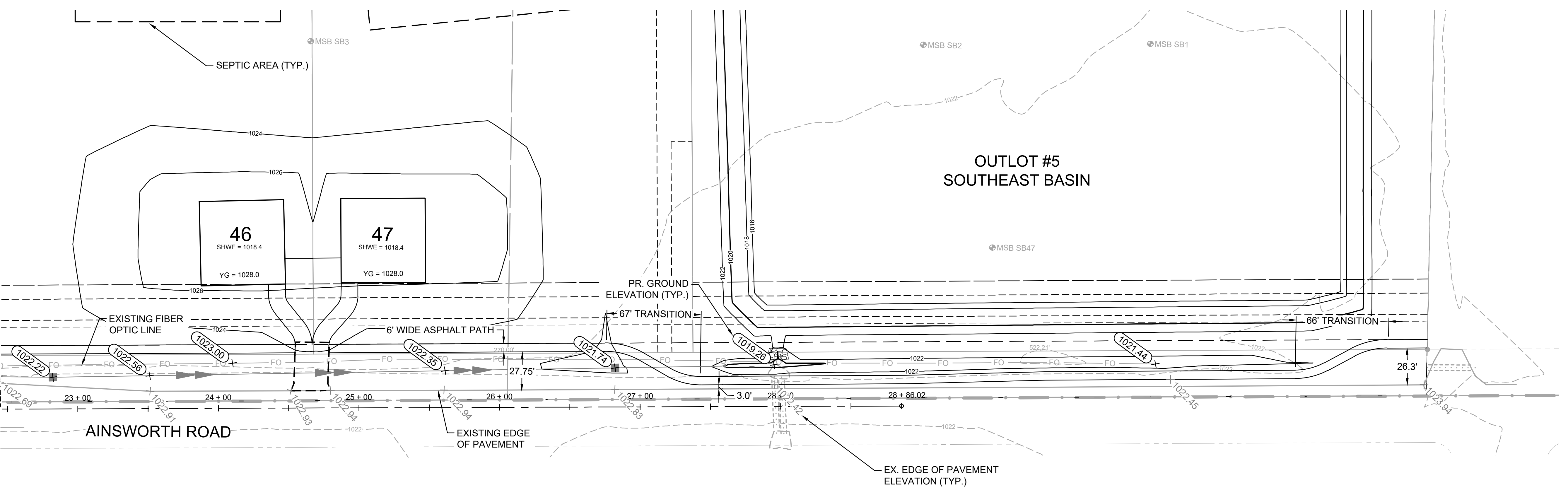
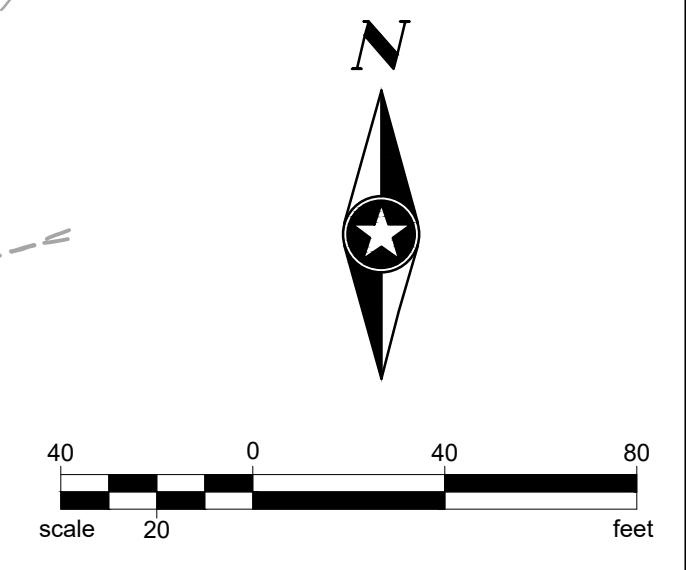
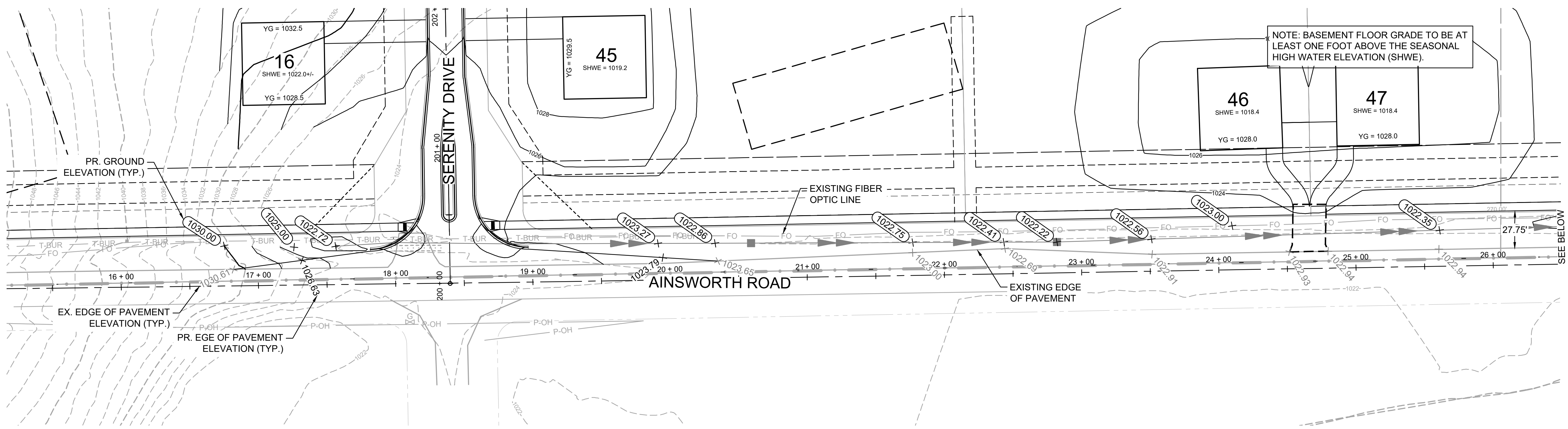
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STONE RIDGE SUBDIVISION  
(PHASE 2 & 3)  
VILLAGE OF MERTON, WISCONSIN

GRADING DETAILS - ALBIN WAY

C 2.17  
of 33



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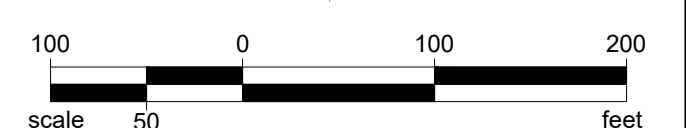
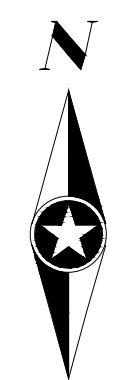
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Drawn By	JLS	▲	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/05/21			
Designed By	MRG						
Checked By	BTP						



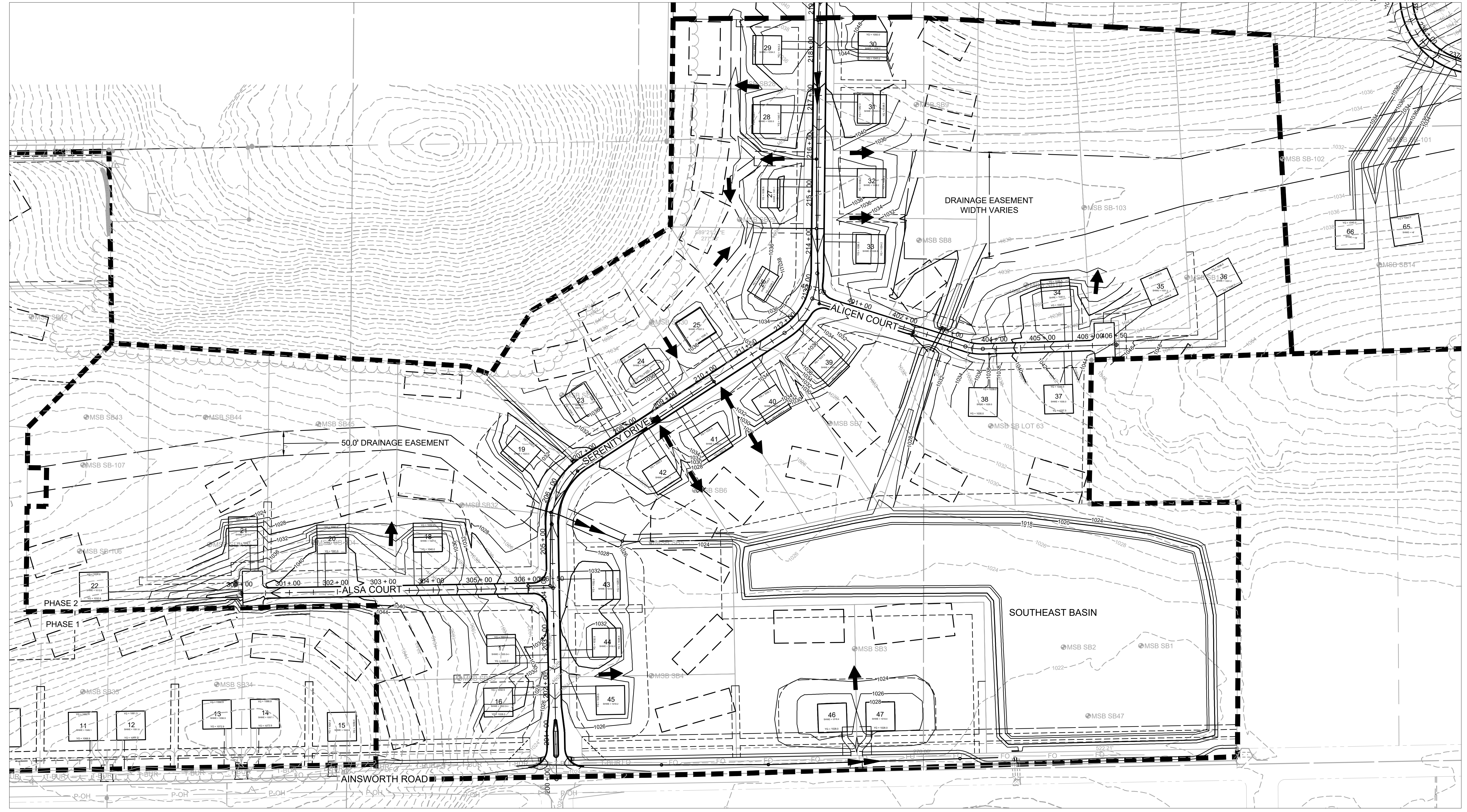
**STONE RIDGE SUBDIVISION**  
(PHASE 2 & 3)  
VILLAGE OF MERTON, WISCONSIN

**GRADING DETAILS - AINSWORTH**

C 2.18  
of 33



SEE SHEET C 2.20



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SEH Project HALQA160979  
Drawn By JLS  
Designed By MRG  
Checked By BTP

Rev.#	Revision Issue Description	Date
1	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/05/21
2	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/12/21

Rev.#	Revision Issue Description	Date



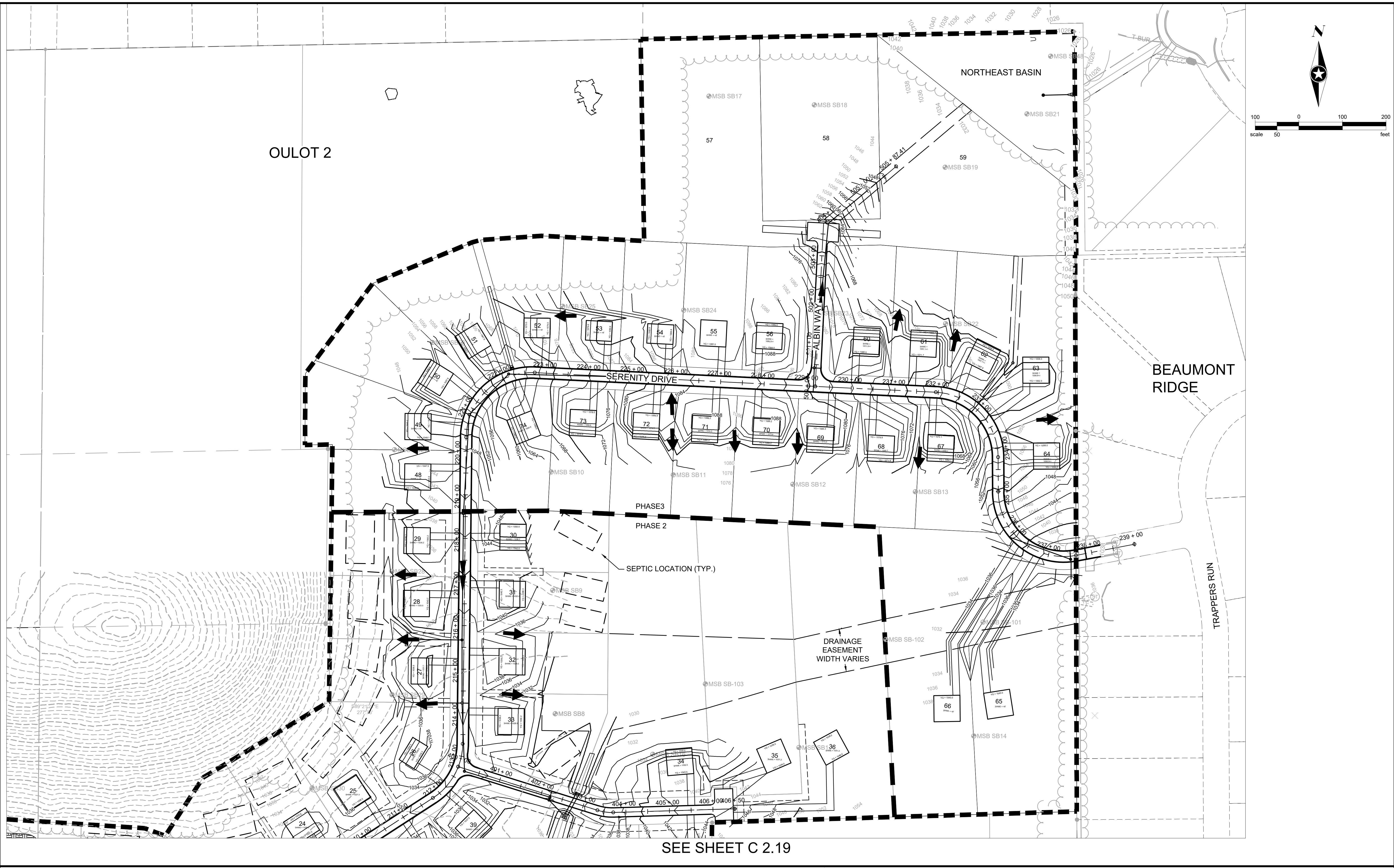
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(PHASE 2 & 3)  
VILLAGE OF MERTON, WISCONSIN

MASTER GRADING PLAN - PHASE 2

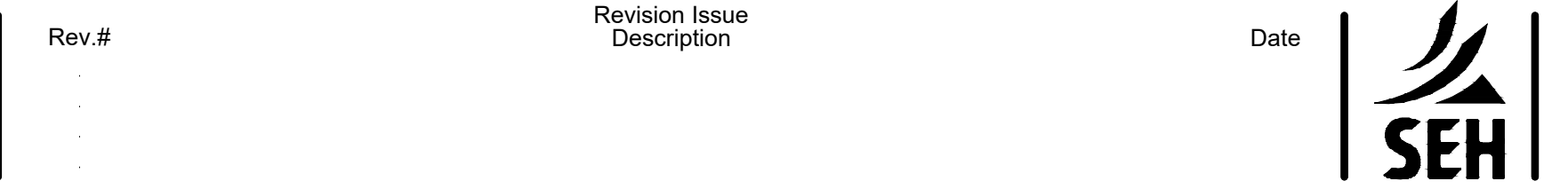
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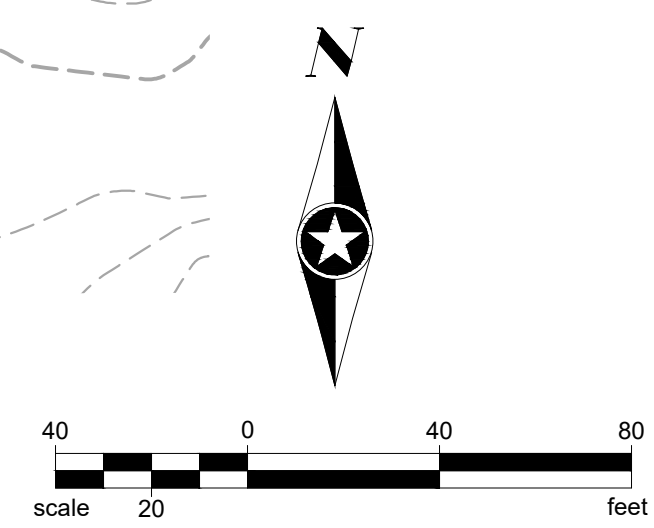
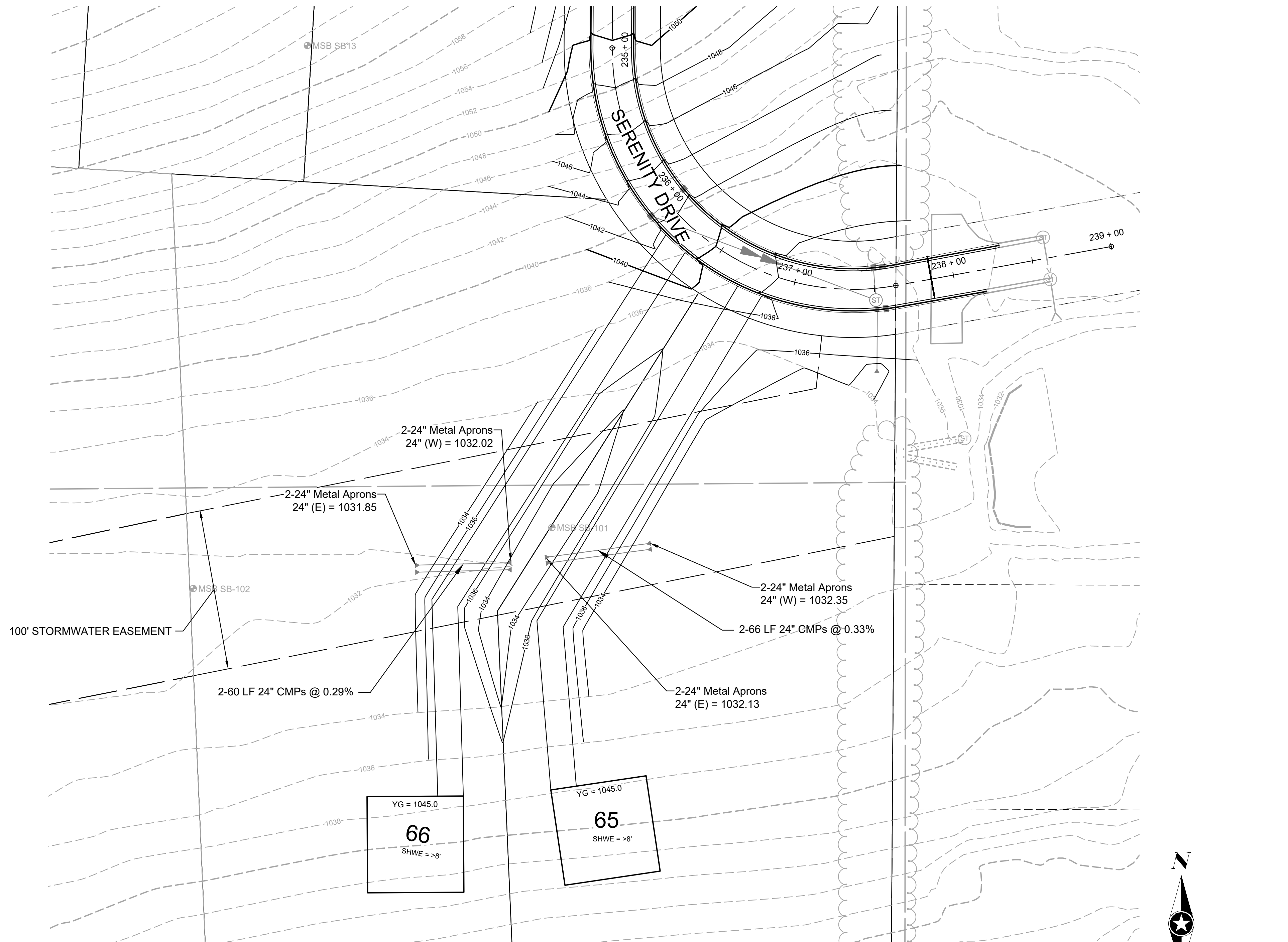
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Drawn By	JLS	▲	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/05/21			
Designed By	MRG	▲	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/12/21			
Checked By	BTP						



**STONE RIDGE SUBDIVISION**  
**(PHASE 2 & 3)**  
 VILLAGE OF MERTON, WISCONSIN

**MASTER GRADING PLAN - PHASE 3**  
 C 2.20  
 of 33

NOTE: PROPOSED DRIVEWAYS AND DRIVEWAY CULVERTS FOR LOTS 65 AND 66 SHALL BE INSTALLED AT THE SPECIFIED ELEVATIONS AND SLOPES PRIOR TO CONSTRUCTION OF HOMES ON THE PROPOSED LOTS.

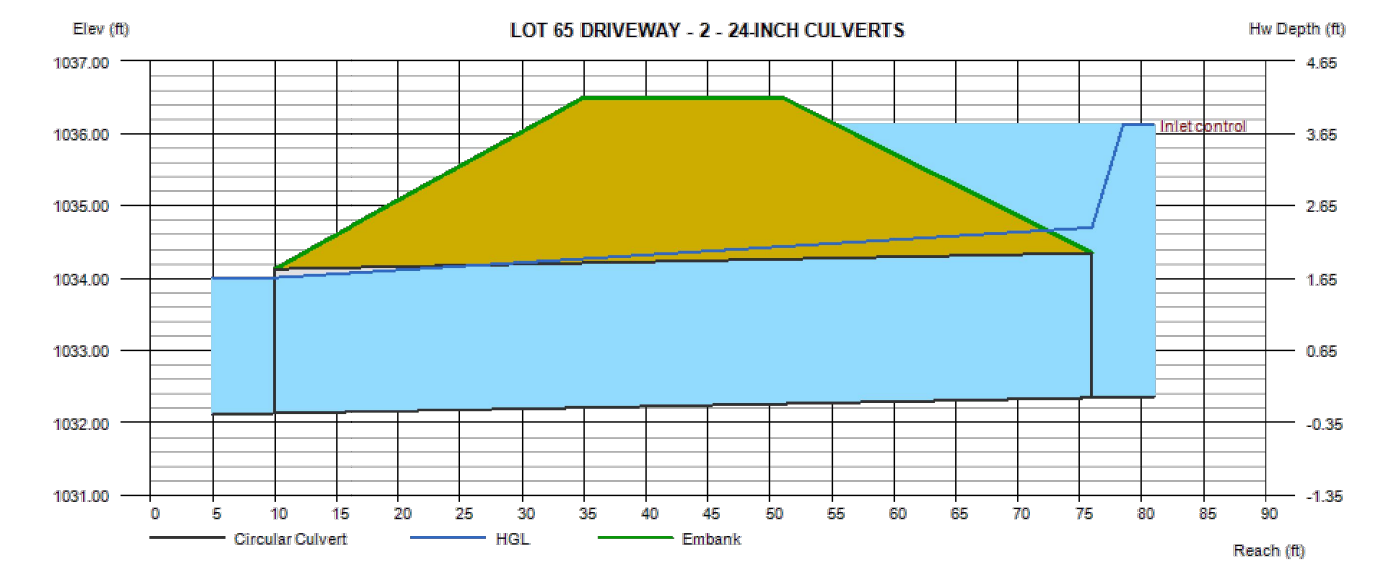


### Culvert Report

Hydraflow Express Extension for Autodesk® Civil 3D® by Autodesk, Inc. Friday, Oct 15 2021

#### LOT 65 DRIVEWAY - 2 - 24-INCH CULVERTS

Invert Elev Dn (ft)	= 1032.13	<b>Calculations</b>	= 0.00
Pipe Length (ft)	= 66.00	Qmin (cfs)	= 50.00
Slope (%)	= 0.33	Qmax (cfs)	= 50.00
Invert Elev Up (ft)	= 1032.35	Tailwater Elev (ft)	= (dc+D)/2
Rise (in)	= 24.0	<b>Highlighted</b>	= 50.00
Shape	= Circular	Qtot (cfs)	= 50.00
Span (in)	= 24.0	Qpipe (cfs)	= 50.00
No. Barrels	= 2	Qover (cfs)	= 0.00
n-Value	= 0.012	Veloc Dn (ft/s)	= 8.16
Culvert Type	= Circular Corrugate Metal Pipe	Veloc Up (ft/s)	= 7.96
Culvert Entrance	= Headwall	HGL Dn (ft)	= 1034.01
Coeff. K,M,c,Y,k	= 0.0078, 2, 0.0379, 0.69, 0.5	HGL Up (ft)	= 1034.70
<b>Embankment</b>		Hw Elev (ft)	= 1036.13
Top Elevation (ft)	= 1036.50	Hw/D (ft)	= 1.89
Top Width (ft)	= 16.00	Flow Regime	= Inlet Control
Crest Width (ft)	= 50.00		

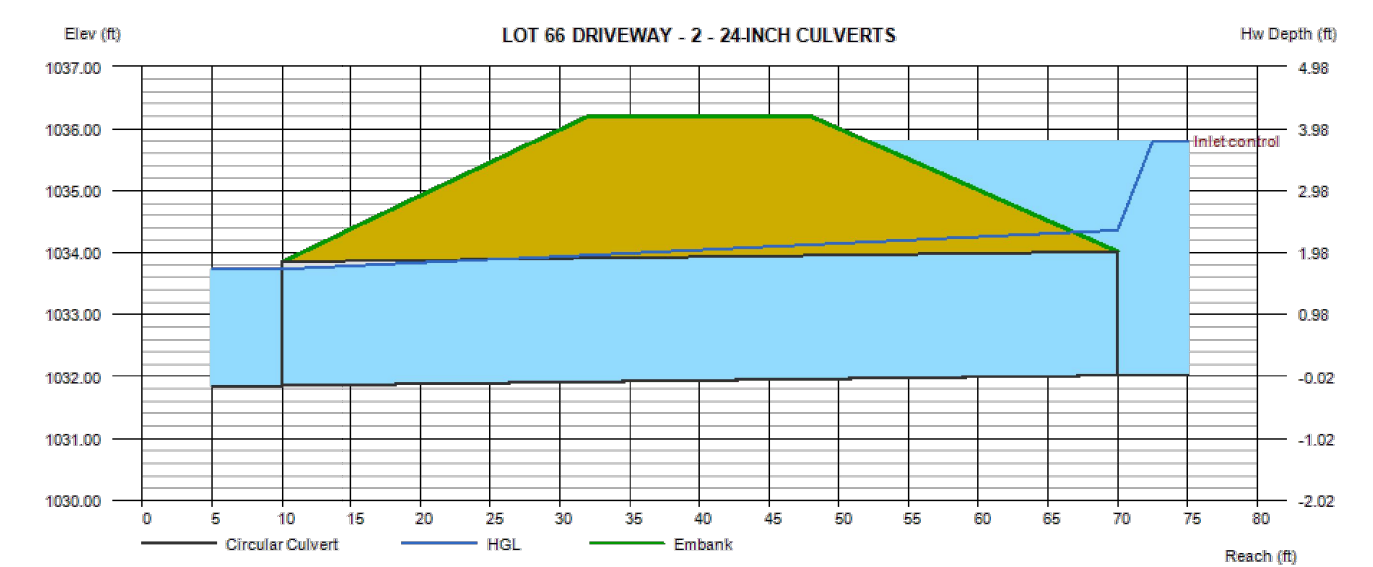


### Culvert Report

Hydraflow Express Extension for Autodesk® Civil 3D® by Autodesk, Inc. Friday, Oct 15 2021

#### LOT 66 DRIVEWAY - 2 - 24-INCH CULVERTS

Invert Elev Dn (ft)	= 1031.85	<b>Calculations</b>	= 0.00
Pipe Length (ft)	= 60.00	Qmin (cfs)	= 50.00
Slope (%)	= 0.28	Qmax (cfs)	= 50.00
Invert Elev Up (ft)	= 1032.02	Tailwater Elev (ft)	= (dc+D)/2
Rise (in)	= 24.0	<b>Highlighted</b>	= 50.00
Shape	= Circular	Qtot (cfs)	= 50.00
Span (in)	= 24.0	Qpipe (cfs)	= 50.00
No. Barrels	= 2	Qover (cfs)	= 0.00
n-Value	= 0.012	Veloc Dn (ft/s)	= 8.16
Culvert Type	= Circular Corrugate Metal Pipe	Veloc Up (ft/s)	= 7.96
Culvert Entrance	= Headwall	HGL Dn (ft)	= 1033.73
Coeff. K,M,c,Y,k	= 0.0078, 2, 0.0379, 0.69, 0.5	HGL Up (ft)	= 1034.36
<b>Embankment</b>		Hw Elev (ft)	= 1035.80
Top Elevation (ft)	= 1036.20	Hw/D (ft)	= 1.89
Top Width (ft)	= 16.00	Flow Regime	= Inlet Control
Crest Width (ft)	= 50.00		



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Rev #	Revision Issue Description	Date
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2	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/12/21

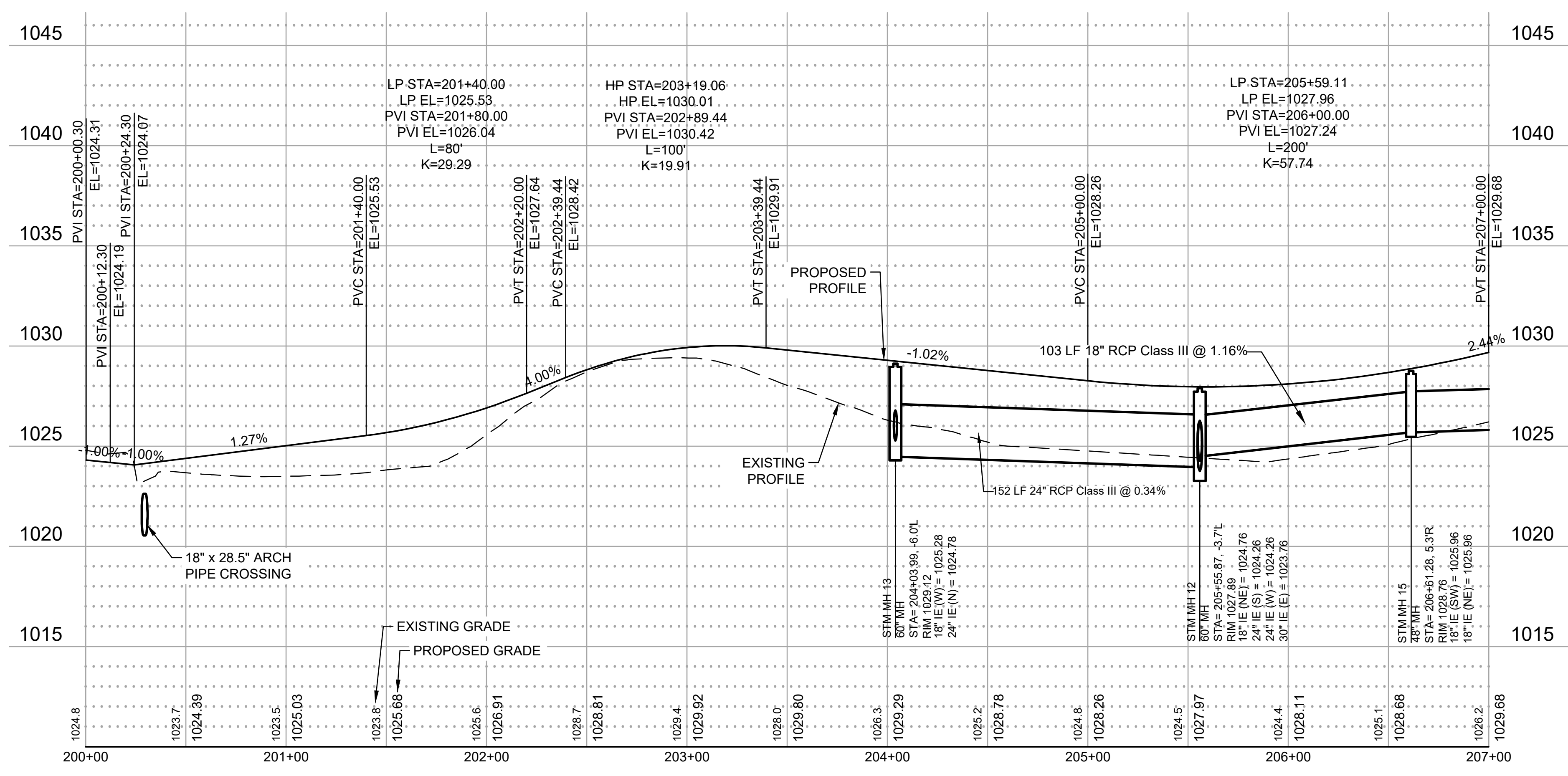
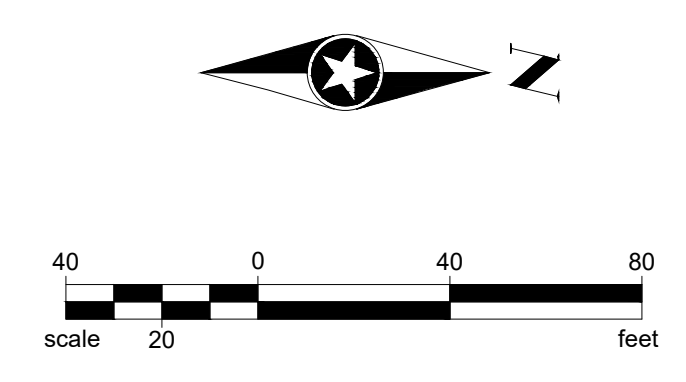
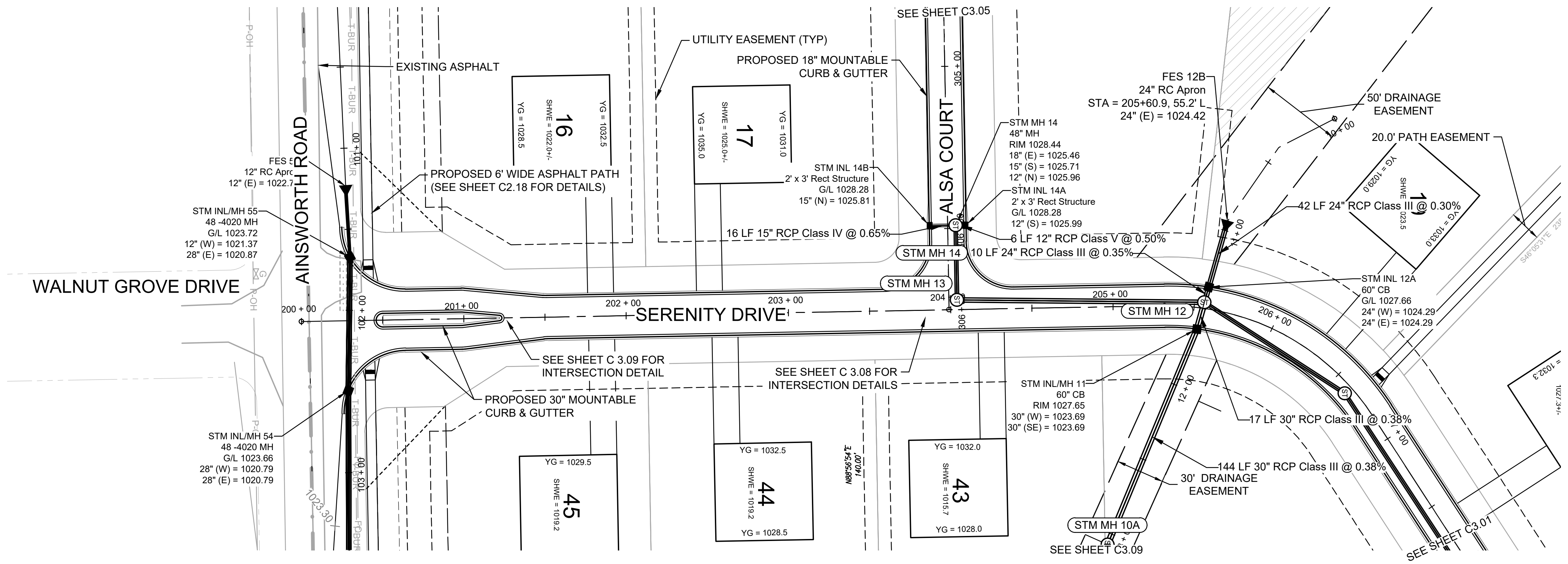
SEH Project HALQA160979

SEH Logo

STONE RIDGE SUBDIVISION  
(PHASE 2 & 3)  
VILLAGE OF MERTON, WISCONSIN

MASTER GRADING PLAN - LOT 65 & 66  
DETAILS

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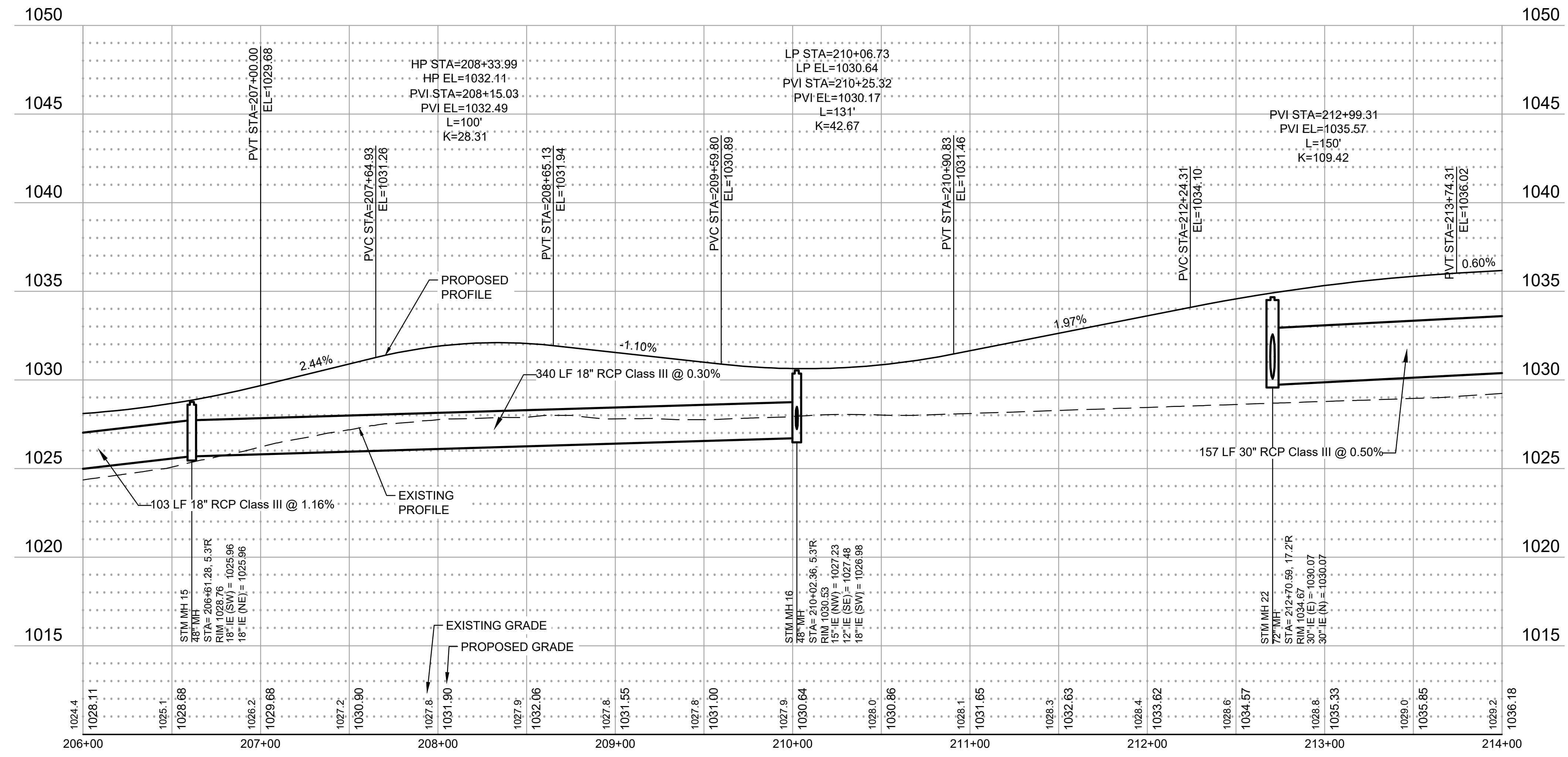
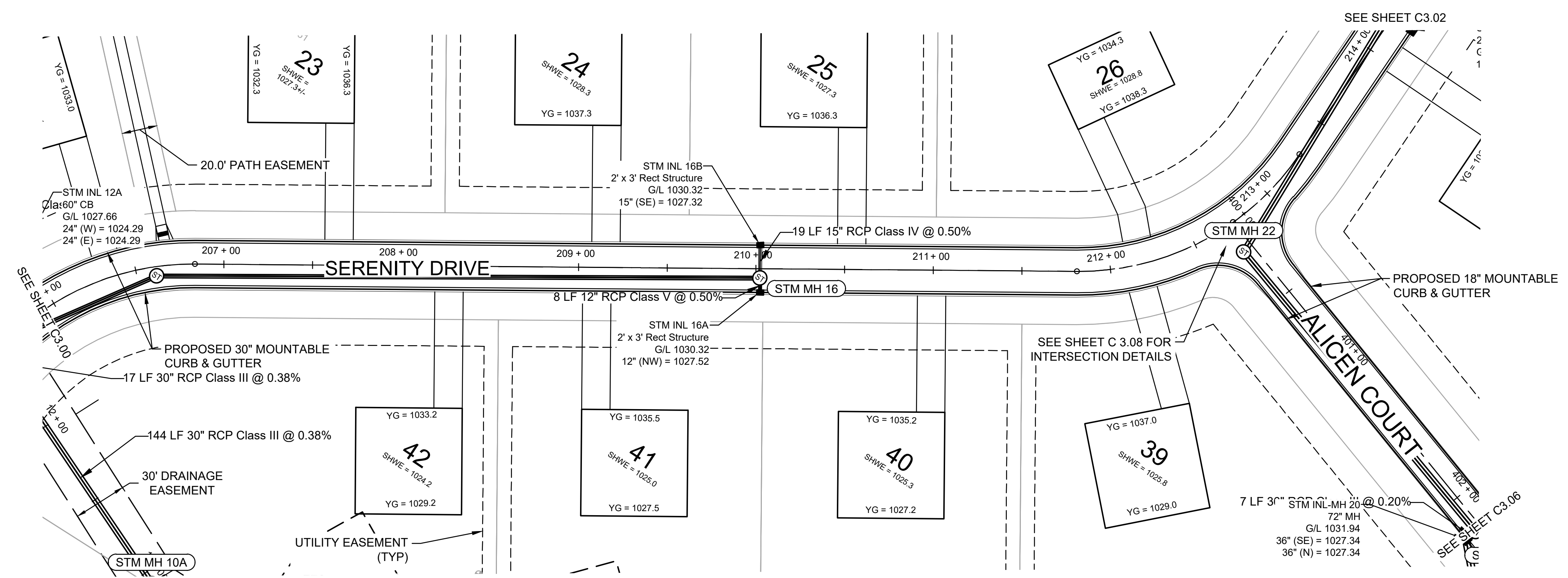
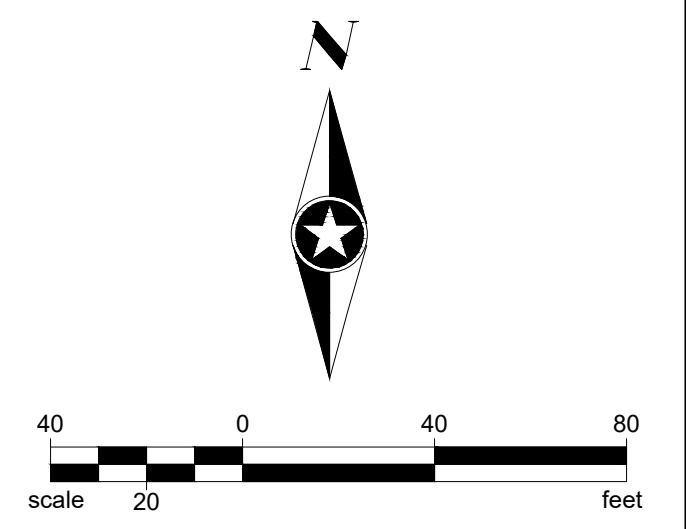
SEH Project	HALQA160979	Rev.#	Revision Issue Description	Date
Drawn By	JLS	1	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/05/21
Designed By	MRG	2	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/12/21
Checked By	BTP	3	CONSTRUCTABILITY REVISIONS TO STORM SEWER	10/22/21

Rev.#	Revision Issue Description	Date
1	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/05/21
2	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/12/21
3	CONSTRUCTABILITY REVISIONS TO STORM SEWER	10/22/21



**STONE RIDGE SUBDIVISION**  
**(PHASE 2 & 3)**  
 VILLAGE OF MERTON, WISCONSIN

**ROAD AND STORM SEWER PLAN & PROFILE**  
**SERENITY DR (STA 200+00 TO 206+50)**



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SEH Project HALQA160979  
 Drawn By JLS  
 Designed By MRG  
 Checked By BTP

Rev.#	Description	Date
1	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/05/21

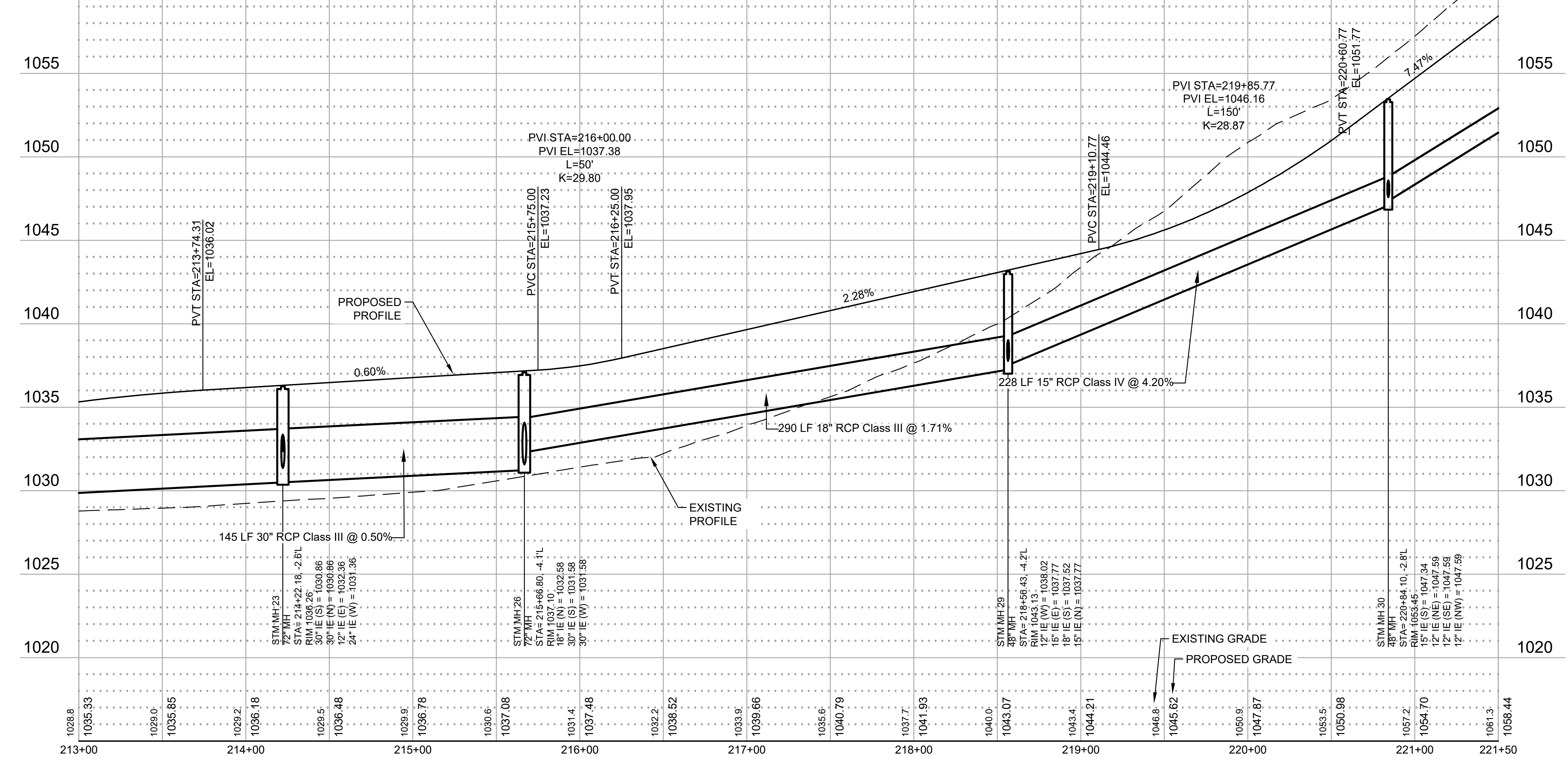
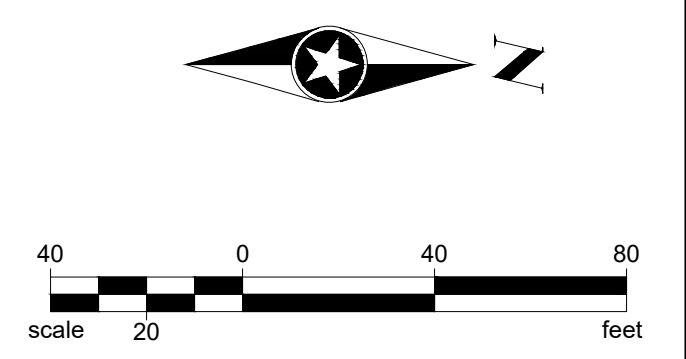
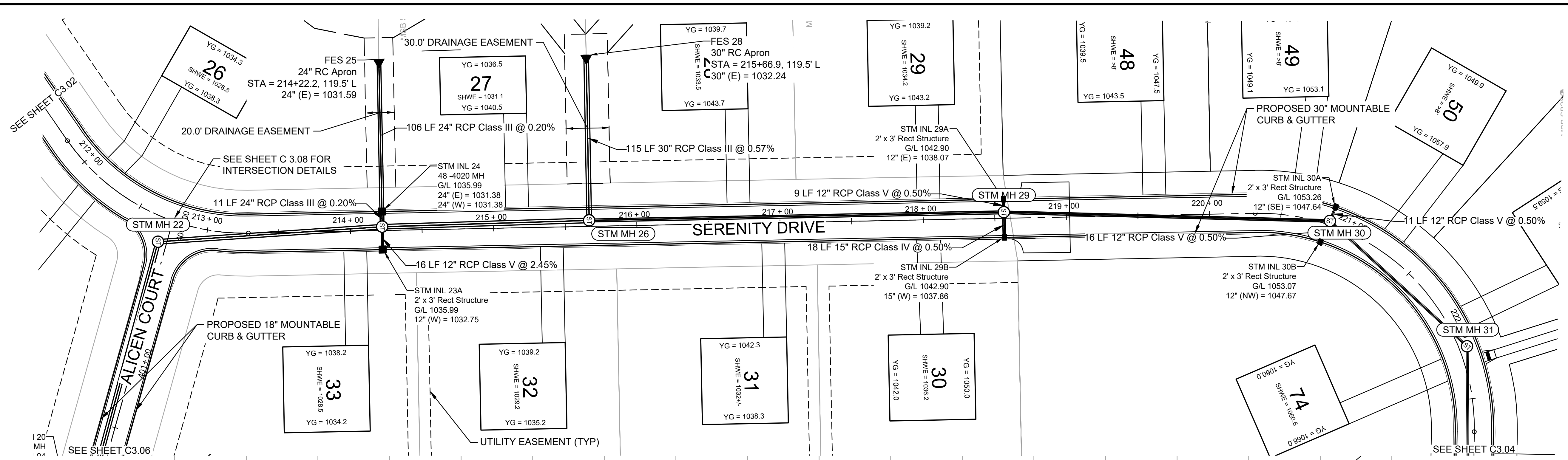
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**STONE RIDGE SUBDIVISION**  
 (PHASE 2 & 3)  
 VILLAGE OF MERTON, WISCONSIN

**ROAD AND STORM SEWER PLAN & PROFILE**  
 SERENITY DR (STA 206+50 TO 213+00) C 3.01  
 of 33

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SEH Project HALQA160979  
 Drawn By JLS  
 Designed By MRG  
 Checked By BTP

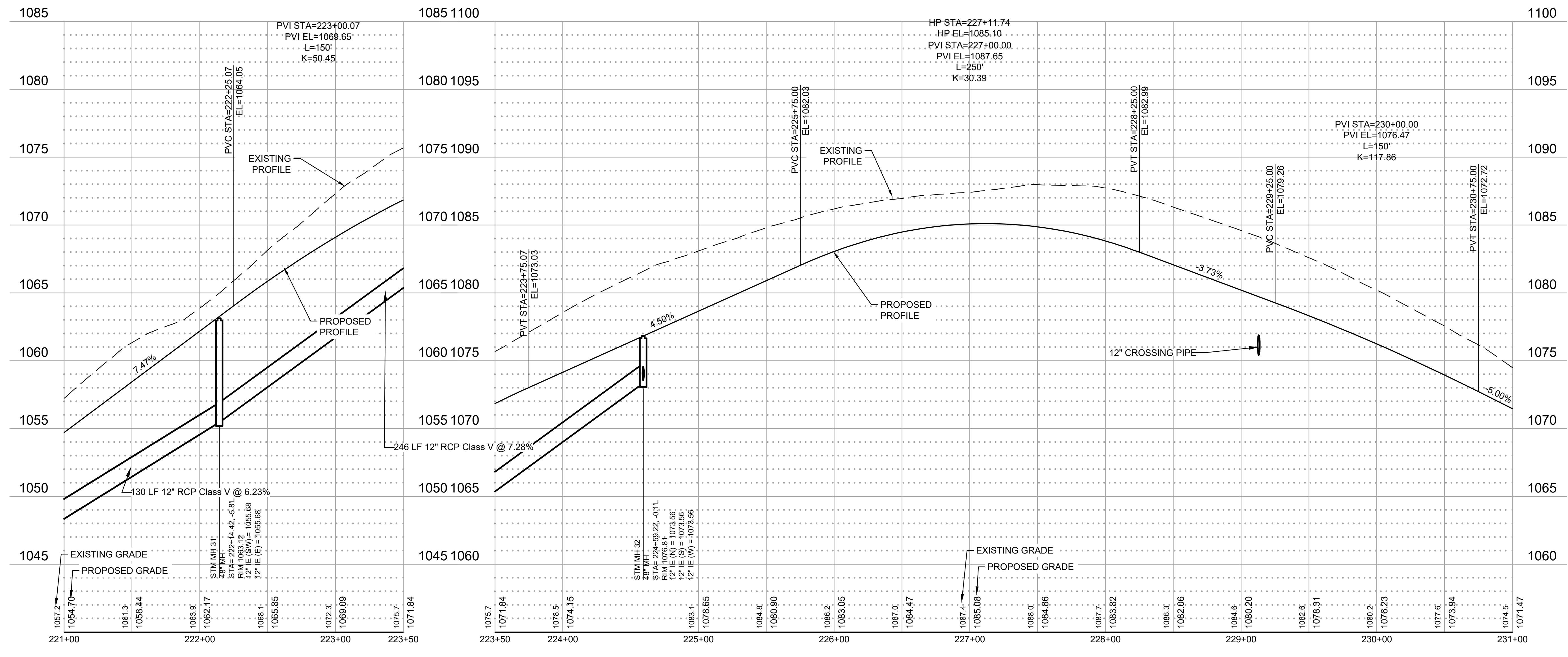
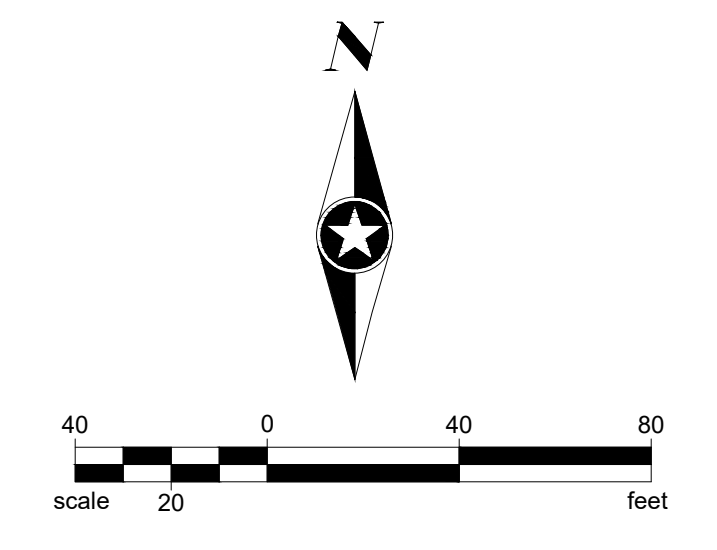
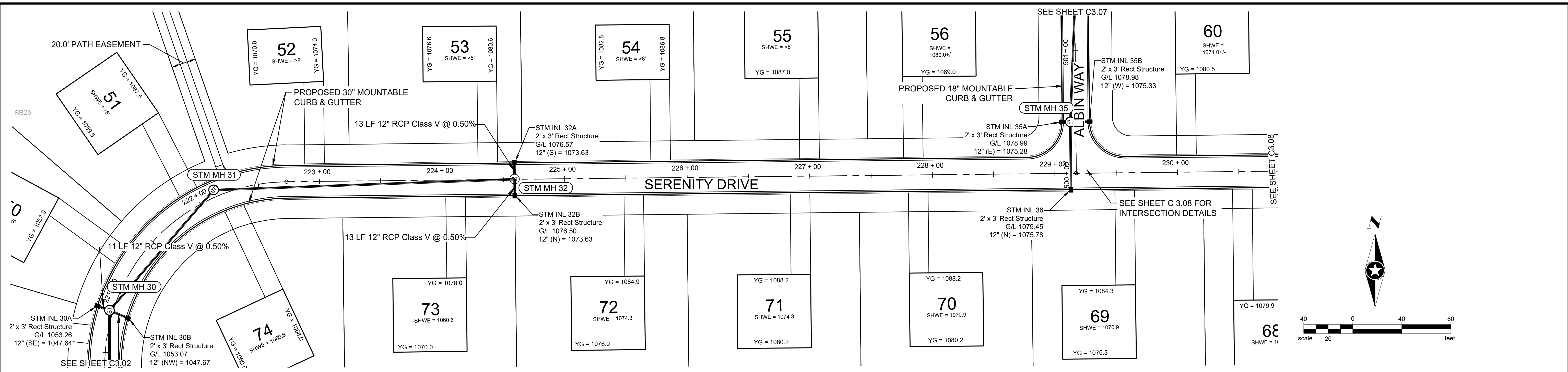
Rev.#	Revision Issue Description	Date
1	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/05/21

Rev.#	Revision Issue Description	Date



**STONE RIDGE SUBDIVISION**  
 (PHASE 2 & 3)  
 VILLAGE OF MERTON, WISCONSIN

**ROAD AND STORM SEWER PLAN & PROFILE**  
 SERENITY DR (213+00 TO 221+00)



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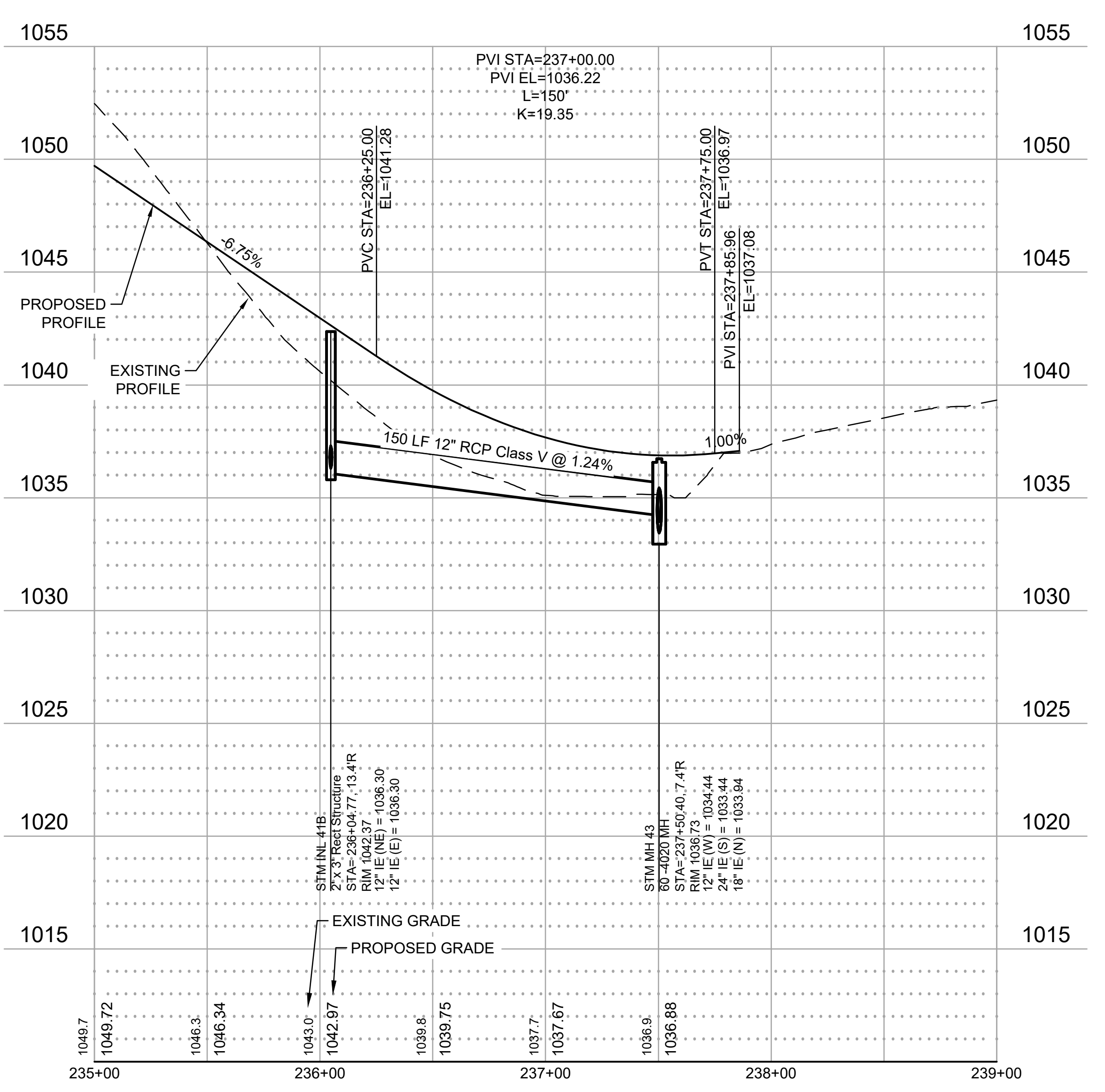
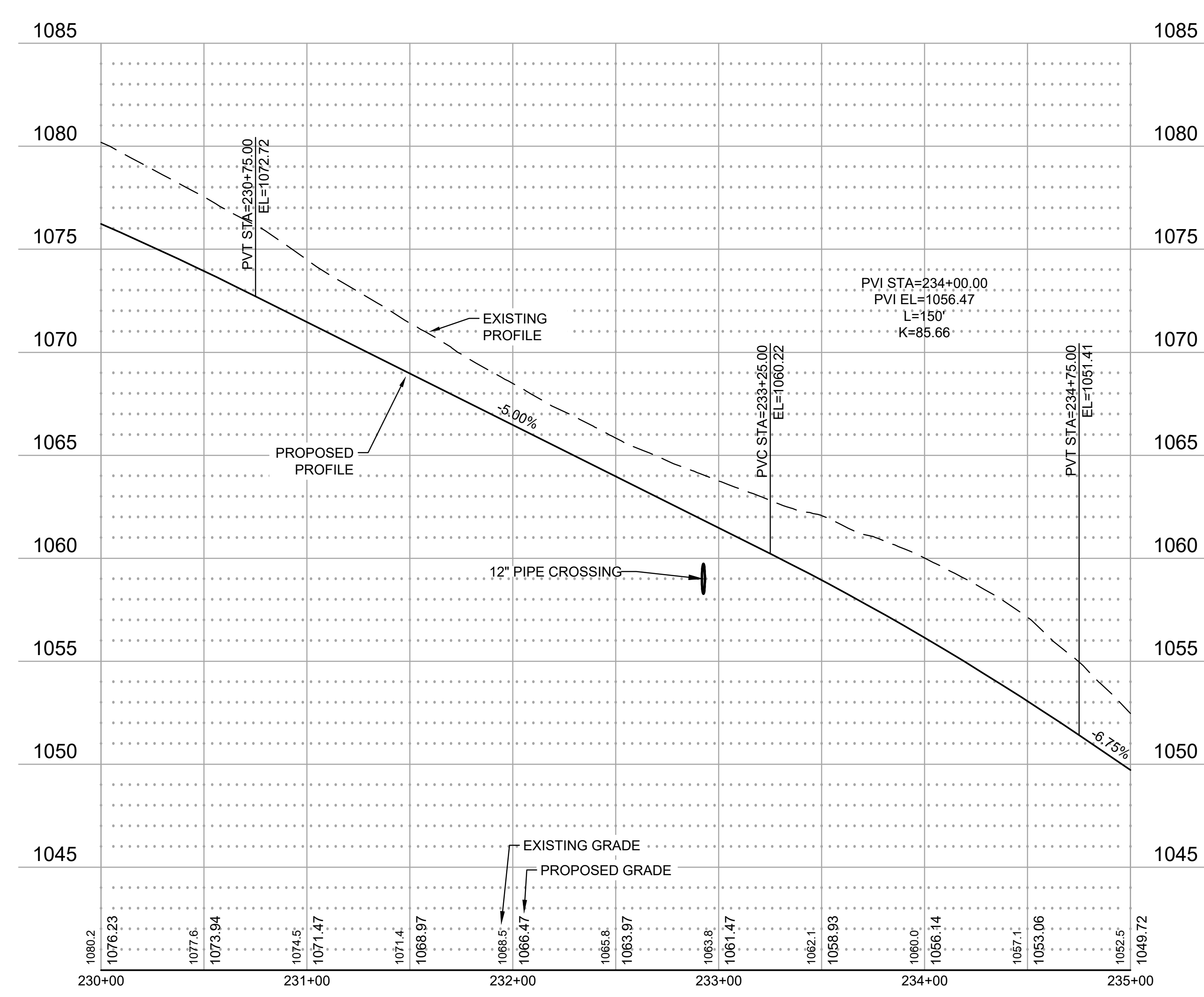
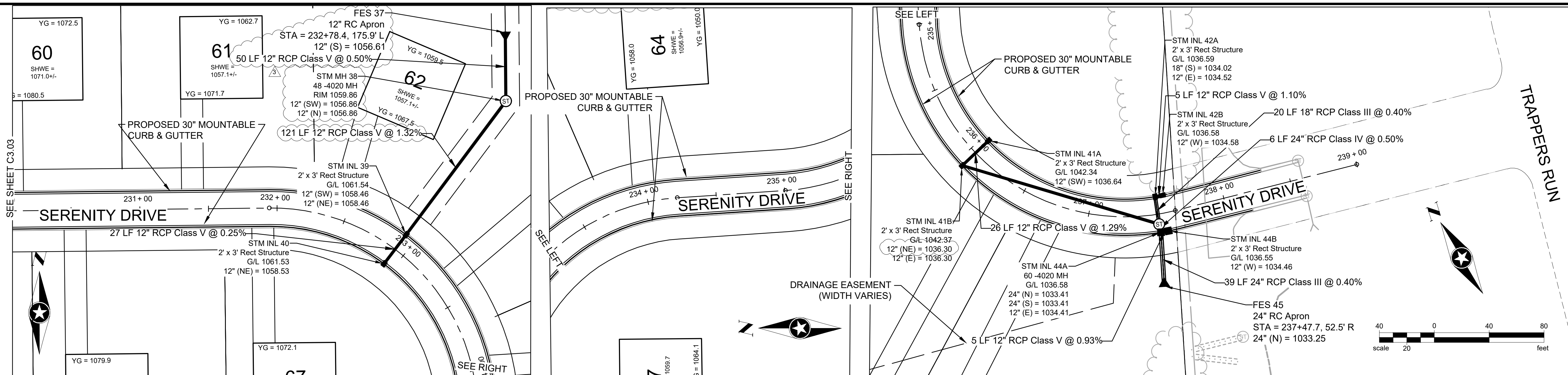
SEH Project	HALQA160979	Rev.#	Revision Issue Description	Date
Drawn By	JLS	1	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/05/21
Designed By	MRG			
Checked By	BTP			

Rev.#	Revision Issue Description	Date



**STONE RIDGE SUBDIVISION**  
(PHASE 2 & 3)  
VILLAGE OF MERTON, WISCONSIN

**ROAD AND STORM SEWER PLAN & PROFILE**  
**SERENITY DR (221+00 TO 230+00)**  
C 3.03  
of 33



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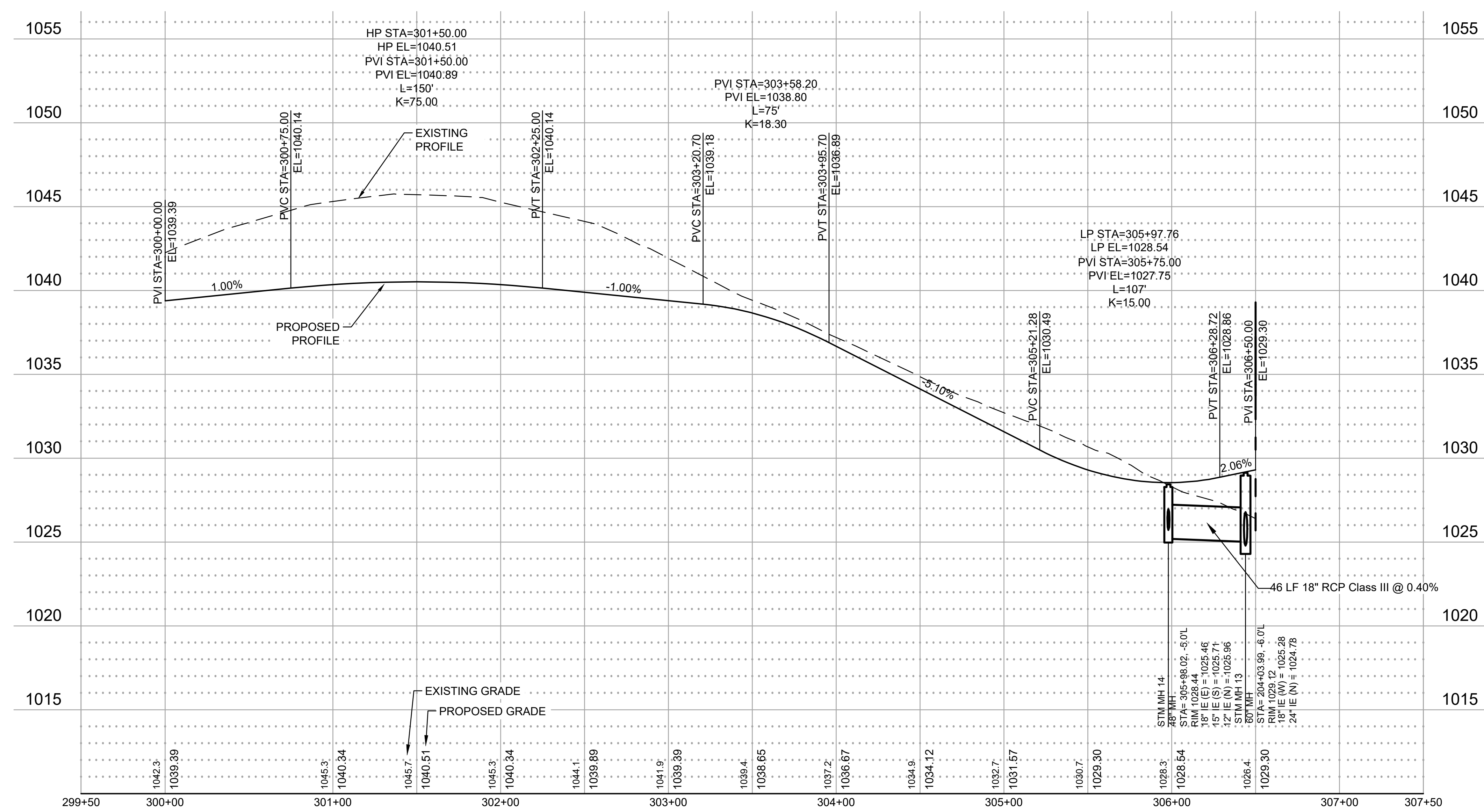
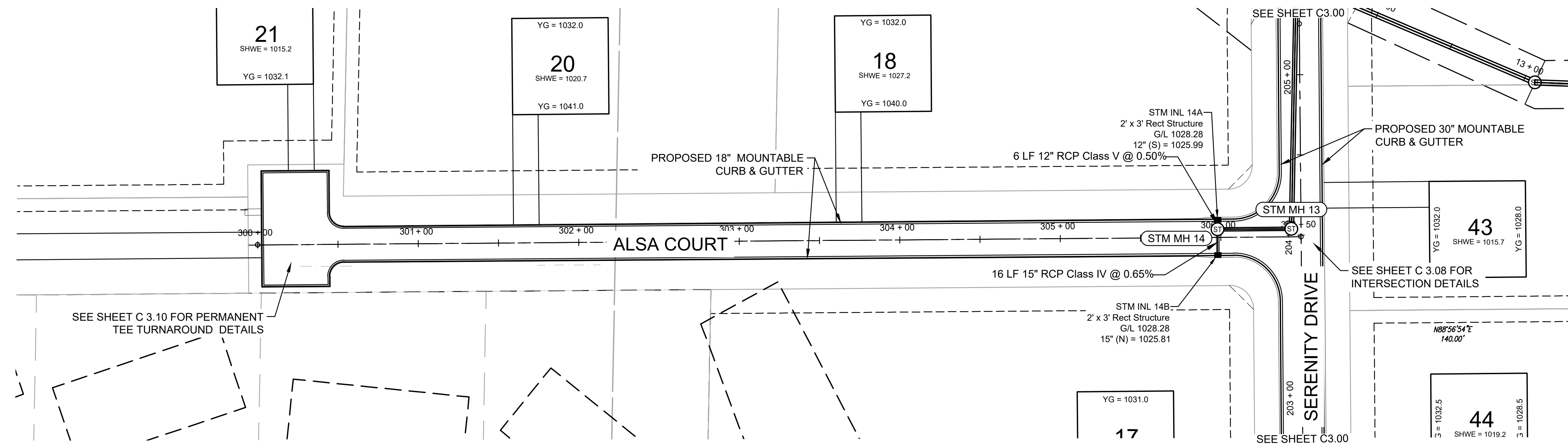
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Designed By	MRG	2	CONSTRUCTABILITY REVISIONS TO STORM SEWER	10/22/21
Checked By	BTP			

SEH Project	HALQA160979	Rev.#	Revision Issue Description	Date
Drawn By	JLS	1	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/05/21
Designed By	MRG	2	CONSTRUCTABILITY REVISIONS TO STORM SEWER	10/22/21
Checked By	BTP			

**STONE RIDGE SUBDIVISION**  
(PHASE 2 & 3)  
VILLAGE OF MERTON, WISCONSIN

**ROAD AND STORM SEWER PLAN & PROFILE**  
**SERENITY DR (230+00 TO 239+00)**

C 3.04  
of 33



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SEH Project HALQA160979  
 Drawn By JLS  
 Designed By MRG  
 Checked By BTP

Rev.#	Revision Issue Description	Date
1	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/05/21
2	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/12/21

Rev.#	Revision Issue Description	Date

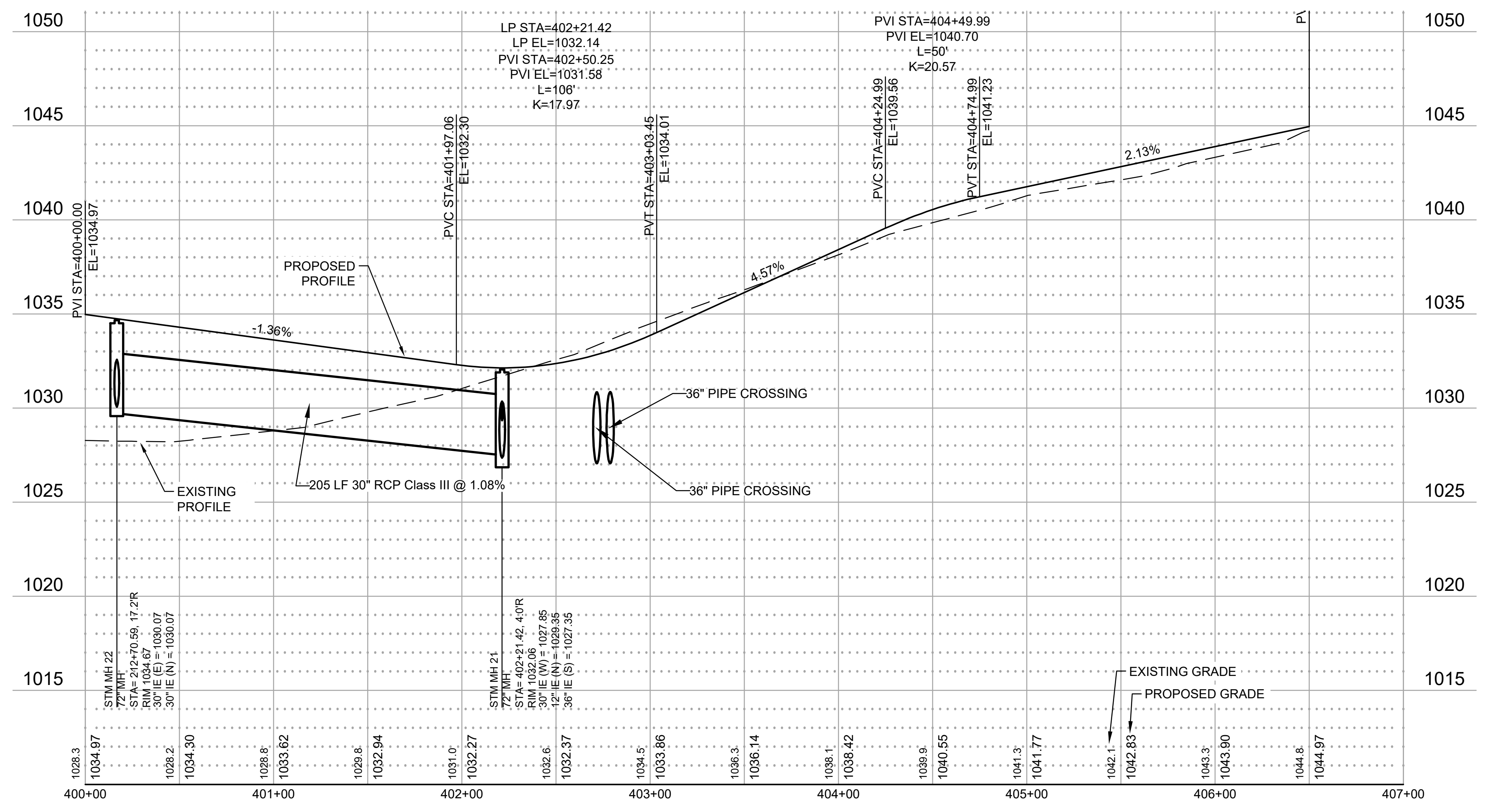
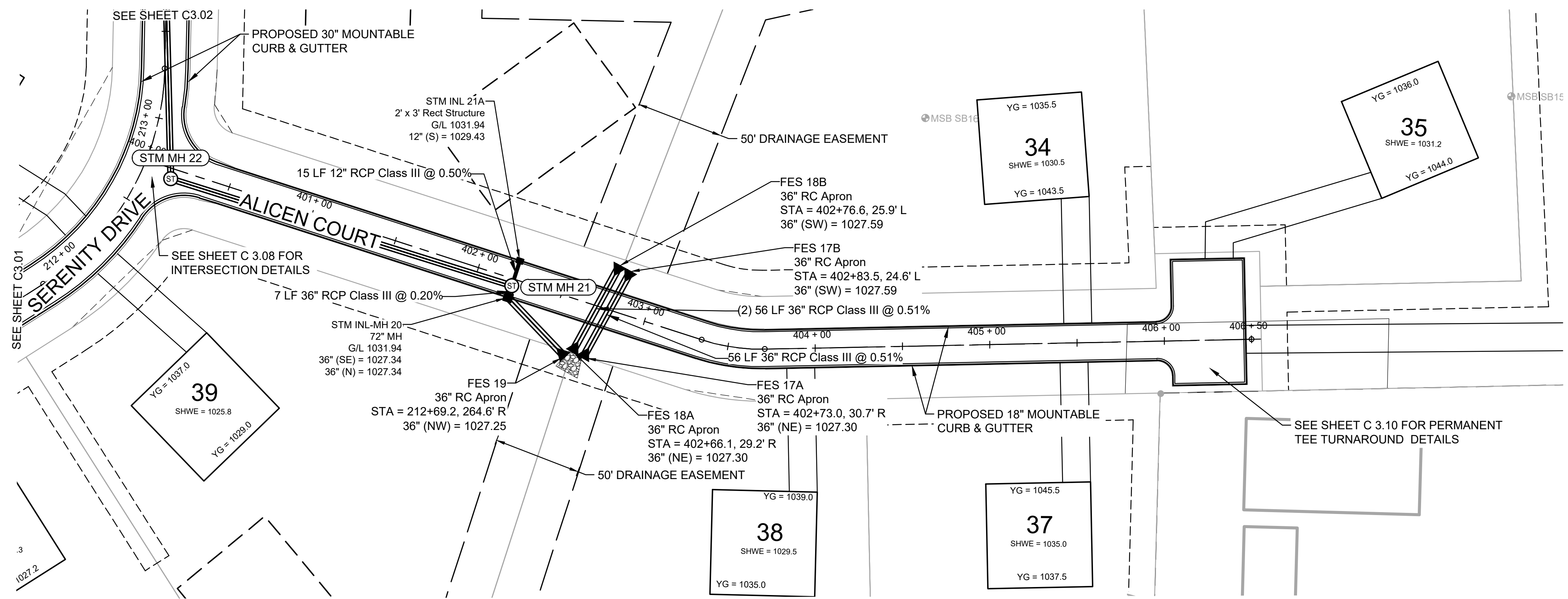
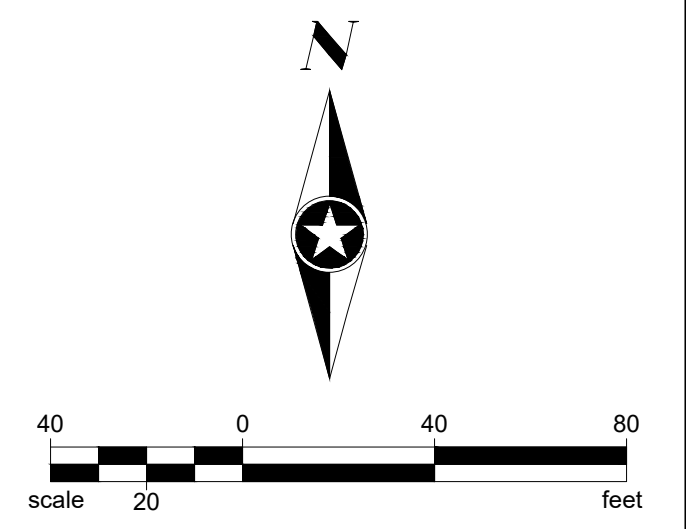


**STONE RIDGE SUBDIVISION**  
 (PHASE 2 & 3)  
 VILLAGE OF MERTON, WISCONSIN

**ROAD AND STORM SEWER PLAN & PROFILE**  
**ALSA COURT**

**C 3.05**  
 of 33





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SEH Project HALQA160979  
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 Checked By BTP

Rev.#	Revision Issue Description	Date
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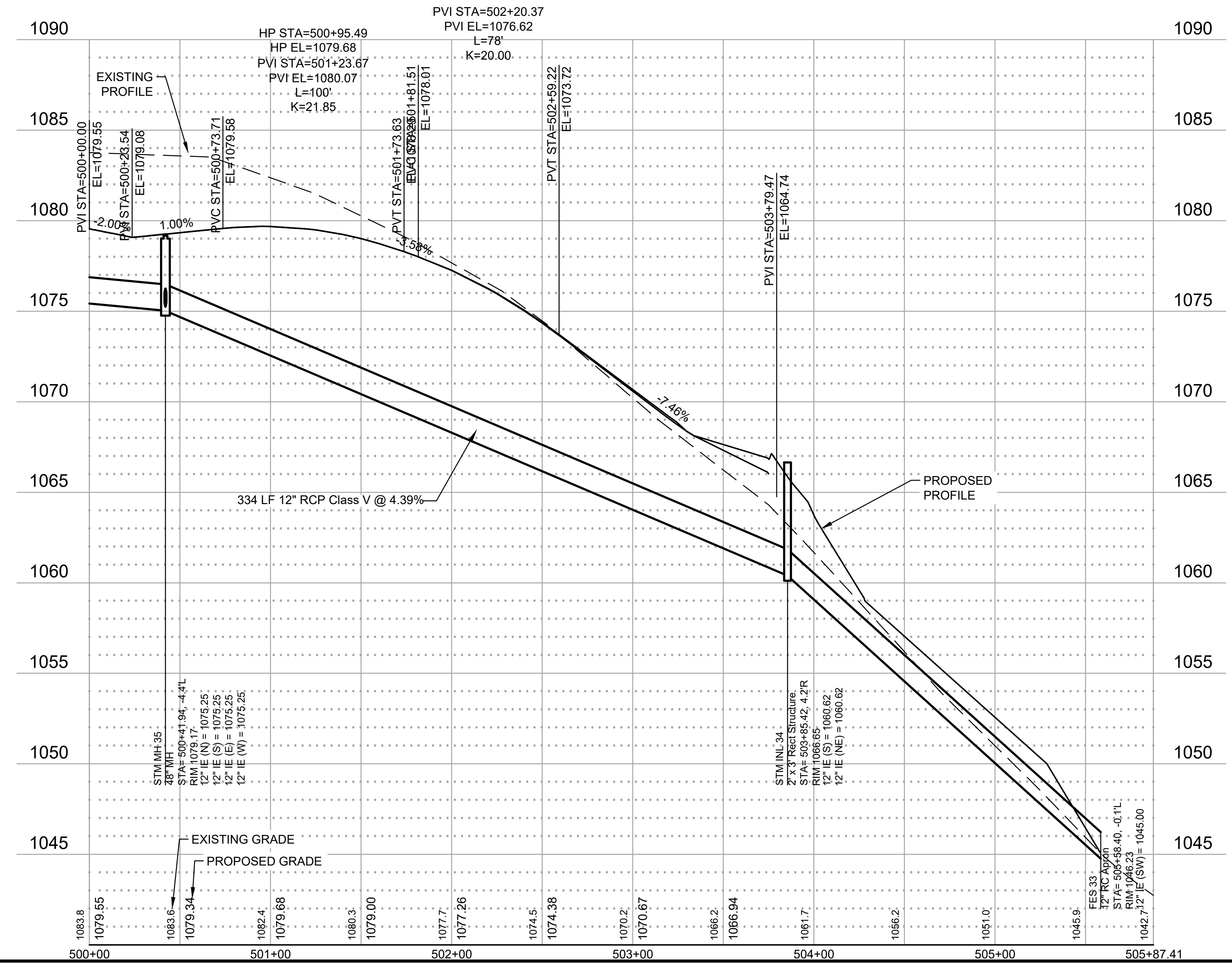
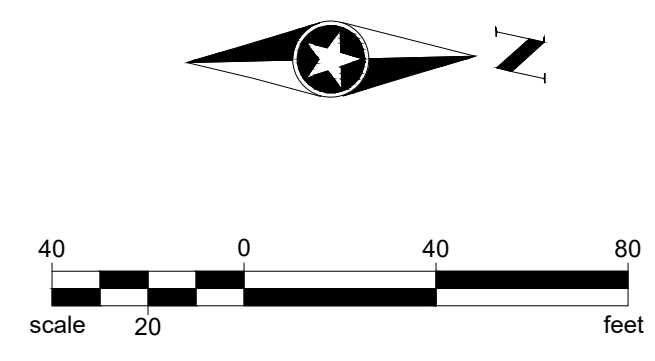
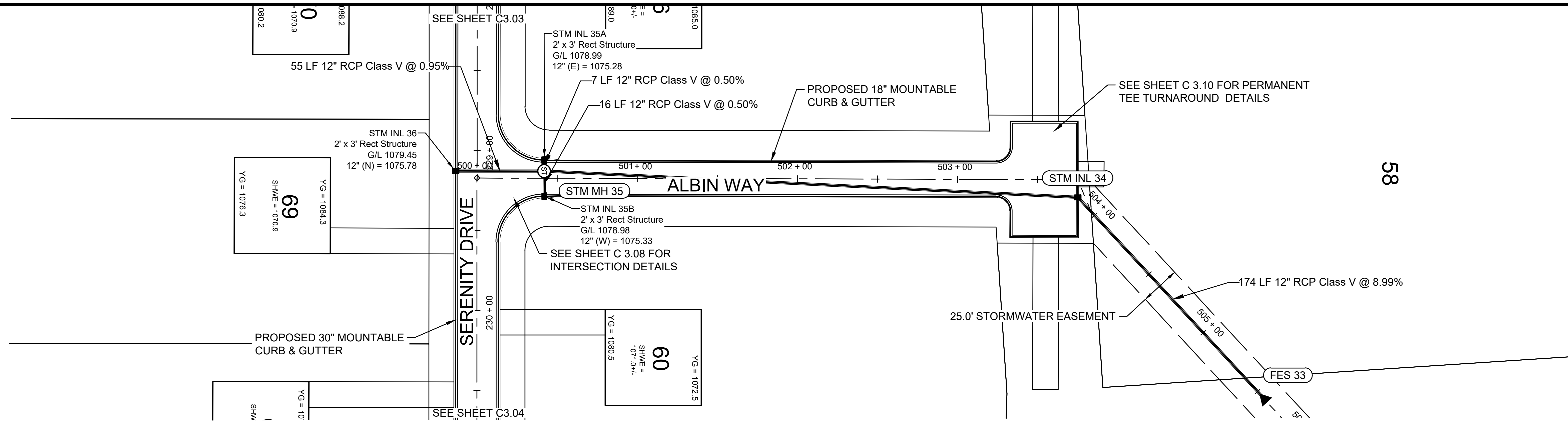
Rev.#	Revision Issue Description	Date



**STONE RIDGE SUBDIVISION**  
 (PHASE 2 & 3)  
 VILLAGE OF MERTON, WISCONSIN

**ROAD AND STORM SEWER PLAN & PROFILE**  
**ALICEN COURT**

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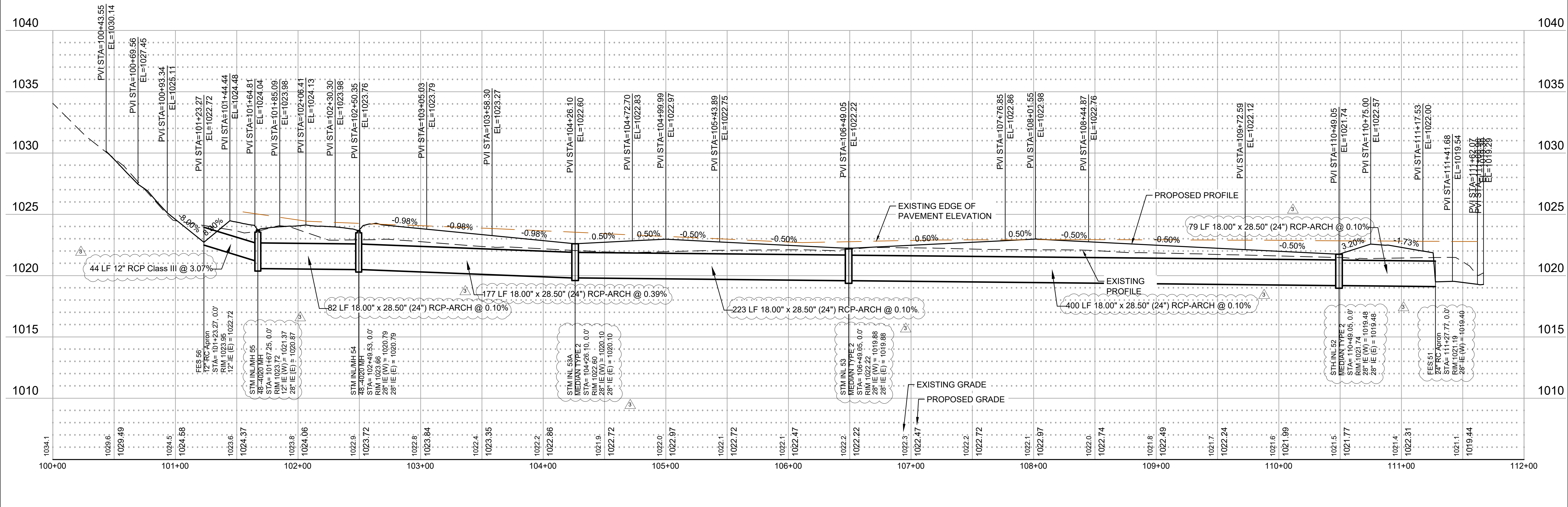
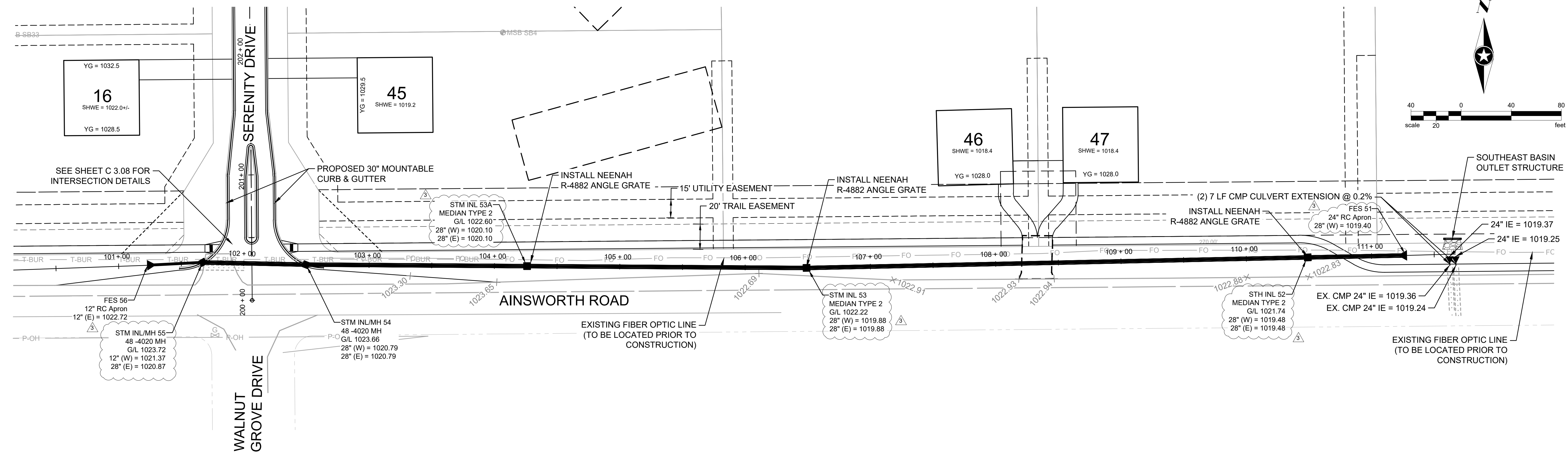
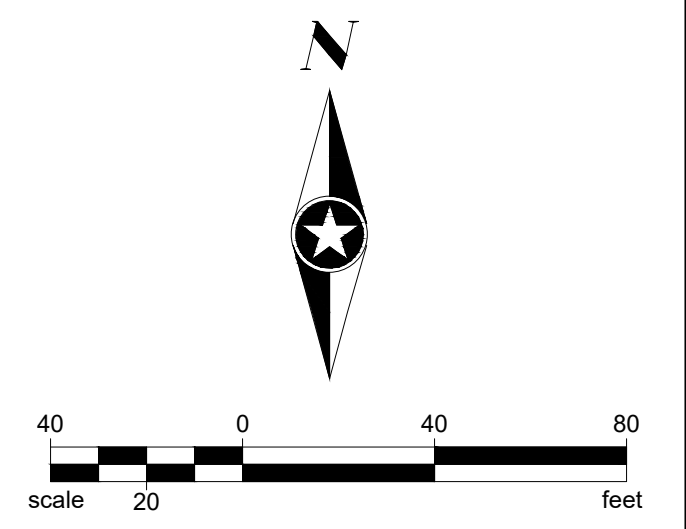
Rev.#	Revision Issue Description	Date
1	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/05/21

Rev.#	Revision Issue Description	Date



**STONE RIDGE SUBDIVISION**  
 (PHASE 2 & 3)  
 VILLAGE OF MERTON, WISCONSIN

**ROAD AND STORM SEWER PLAN & PROFILE**  
**ALBIN WAY**  
 C 3.07  
 of 33



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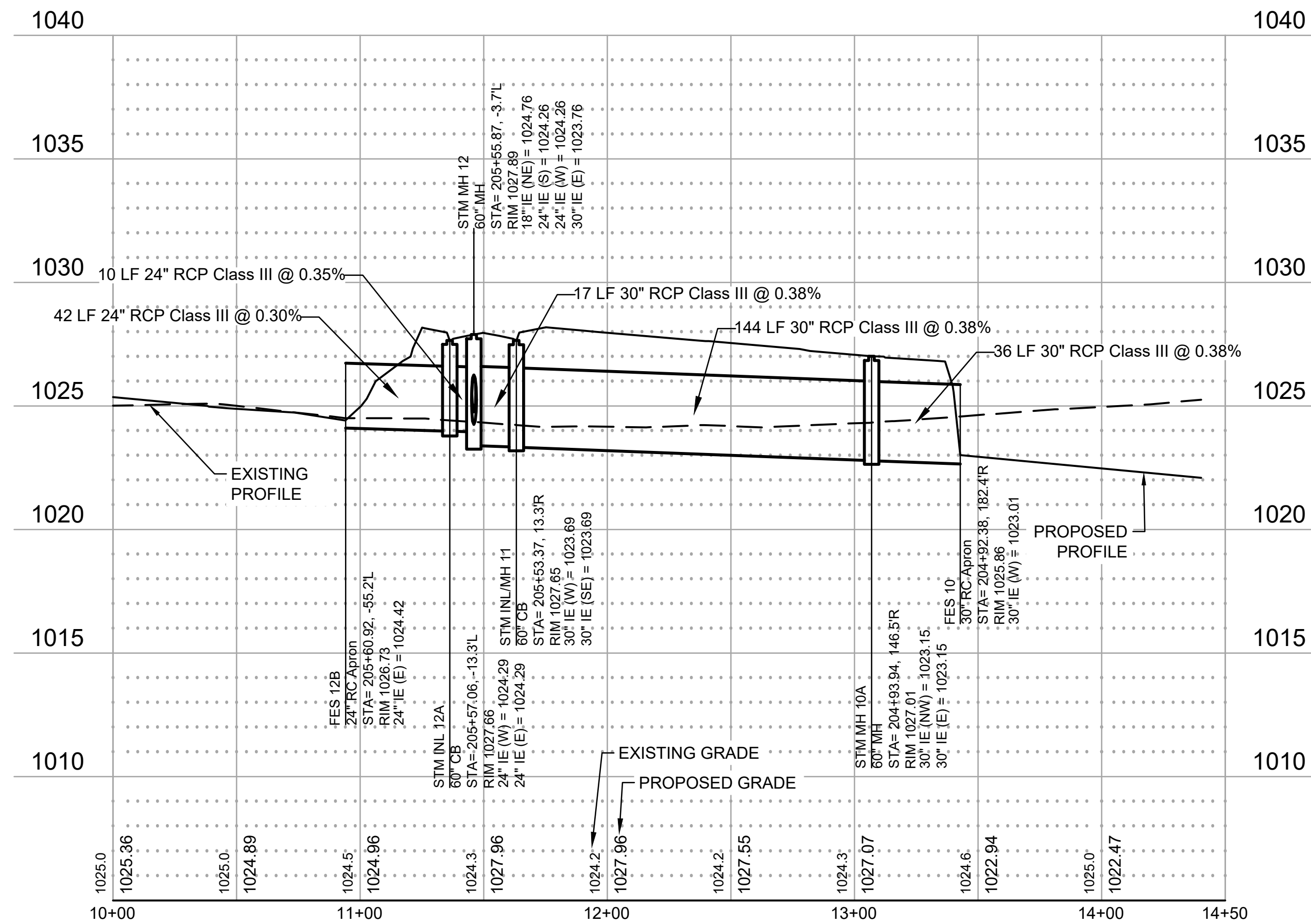
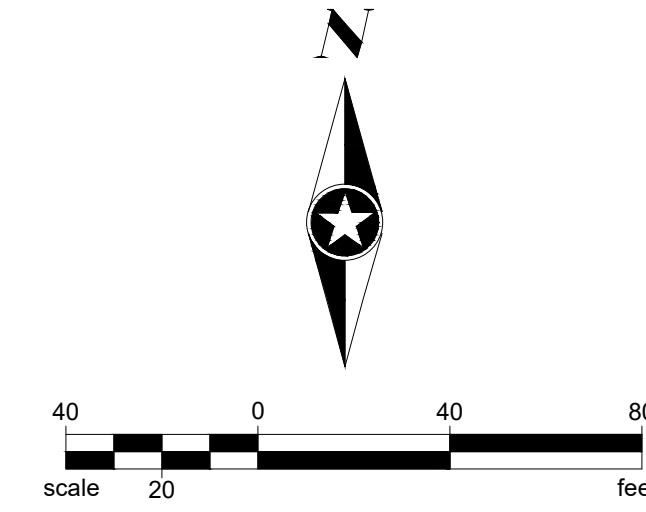
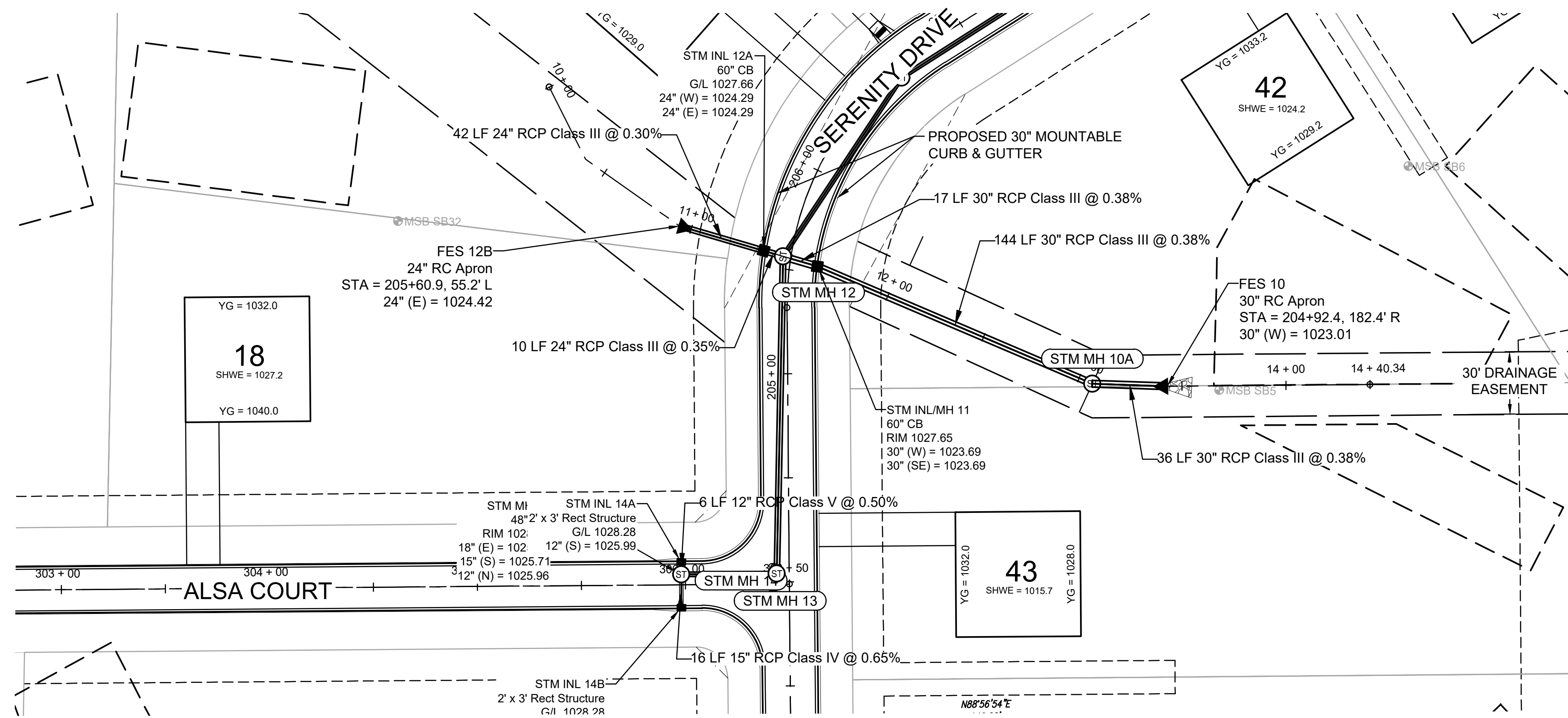
Rev #	Revision Issue Description	Date
1	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/05/21
2	CONSTRUCTABILITY REVISIONS TO STORM SEWER	10/22/21

Rev #	Revision Issue Description	Date
1		



**STONE RIDGE SUBDIVISION**  
(PHASE 2 & 3)  
VILLAGE OF MERTON, WISCONSIN

**ROAD AND STORM SEWER PLAN & PROFILE**  
**AINSWORTH ROAD**  
C3.08  
of 33



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SEH Project	HALQA160979	Rev.#	Revision Issue Description	Date
Drawn By	JLS	1	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/05/21
Designed By	MRG	2	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/12/21
Checked By	BTP			

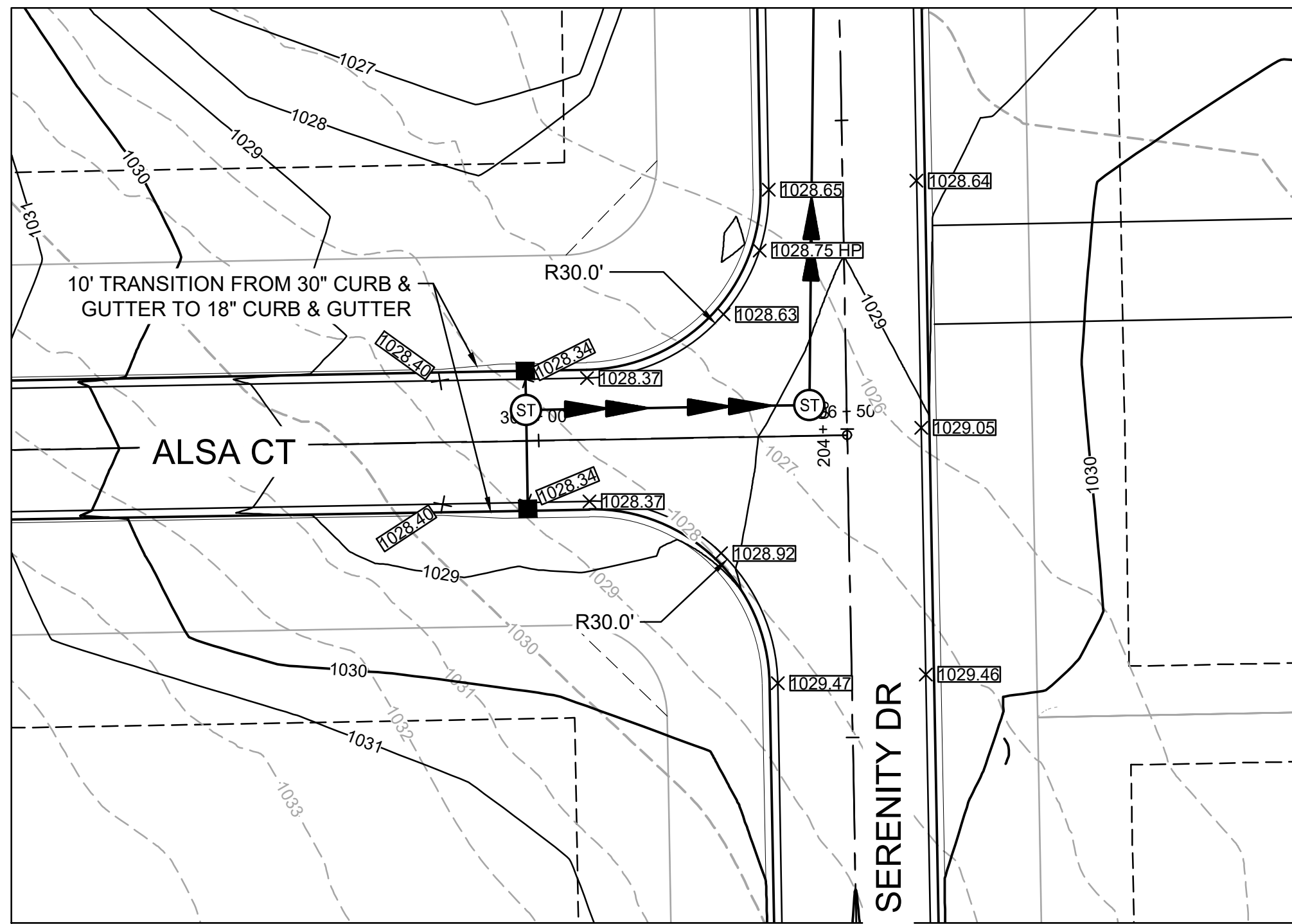
Rev.#	Revision Issue Description	Date
1	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/05/21
2	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/12/21



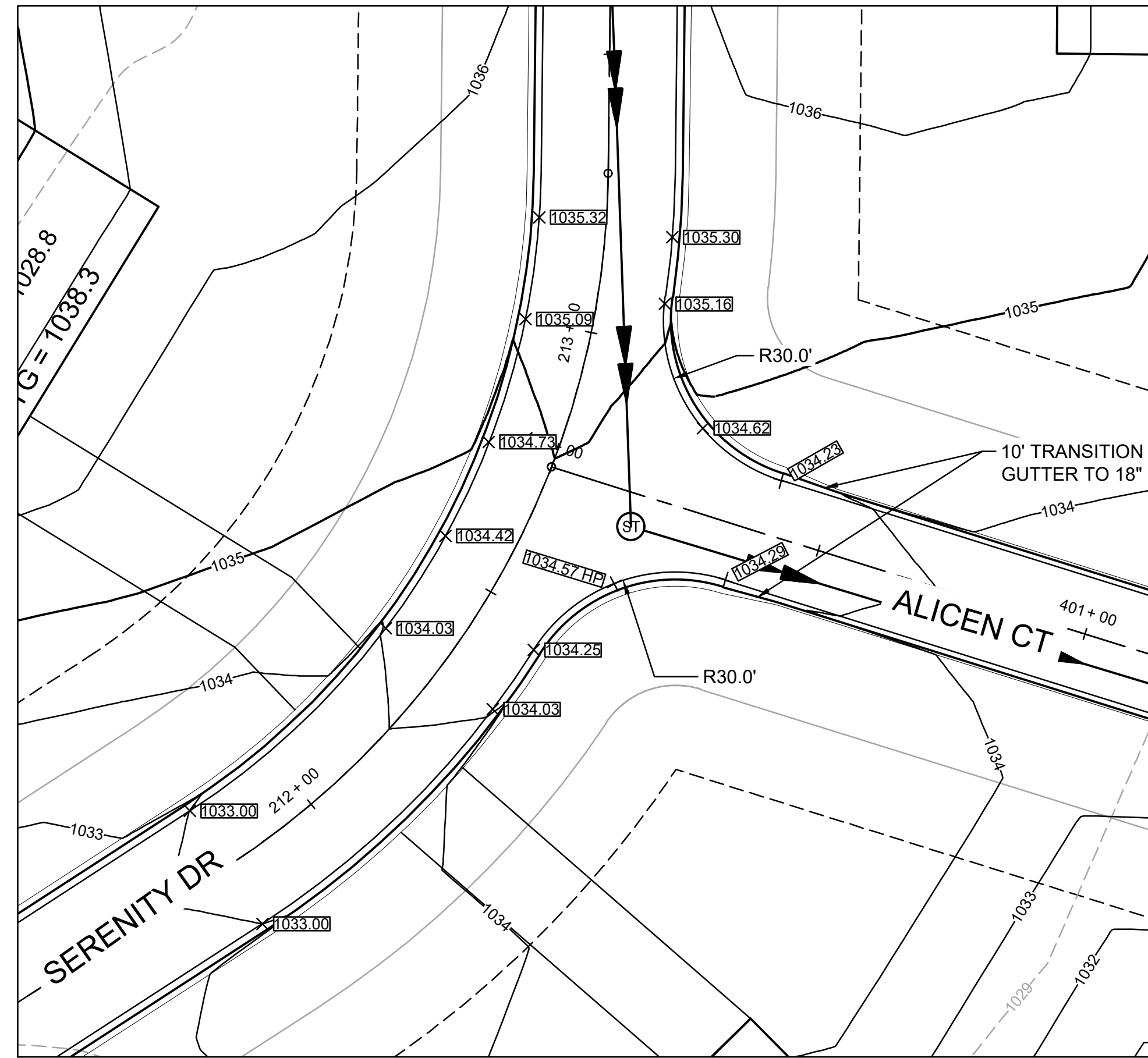
**STONE RIDGE SUBDIVISION**  
(PHASE 2 & 3)  
VILLAGE OF MERTON, WISCONSIN

**ROAD AND STORM SEWER PLAN & PROFILE**  
**DRAINAGE EASEMENT**

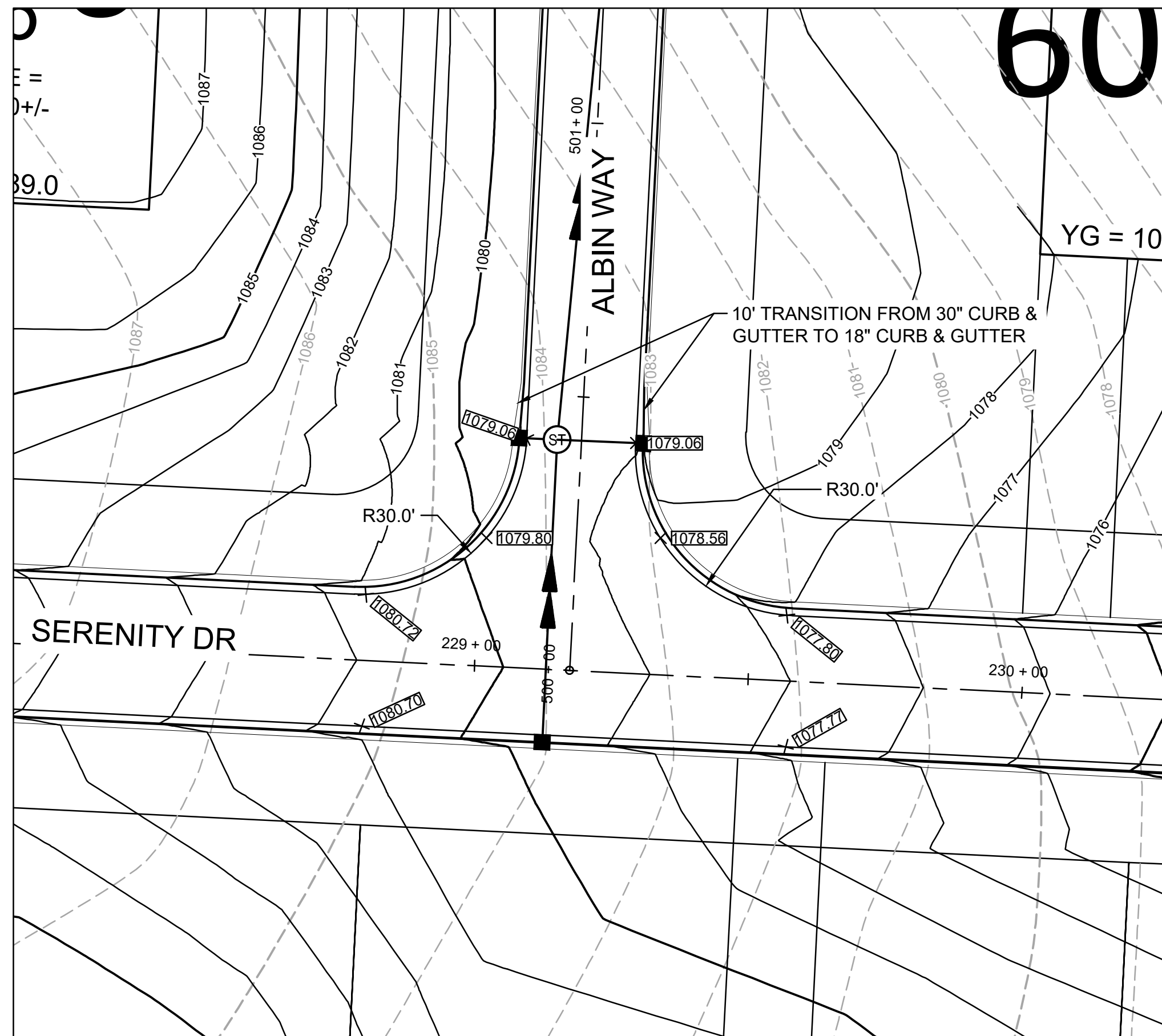
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of 33



**ALSA CT/SERENITY DR INTERSECTION**

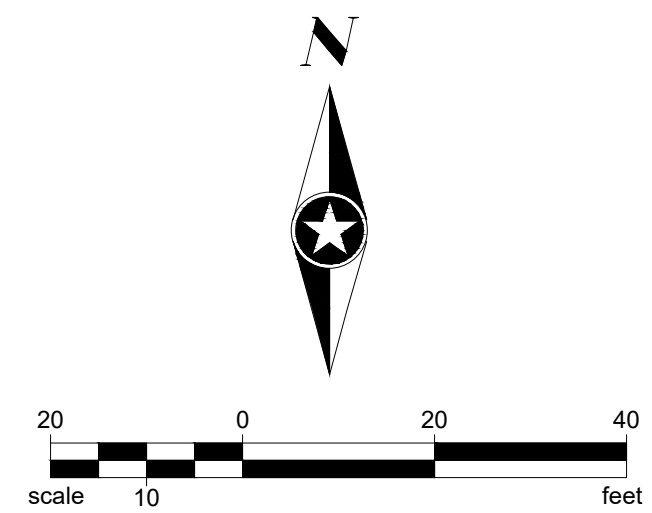


**ALICEN CT/SERENITY DR INTERSECTION**



**ALBIN WAY/SERENITY DR INTERSECTION**

- LEGEND**
- PROP. SPOT ELEVATION = x 1025.73
  - PROP. EDGE OF PAVEMENT ELEVATION = □ 1025.73
  - DRAINAGE ARROW = →



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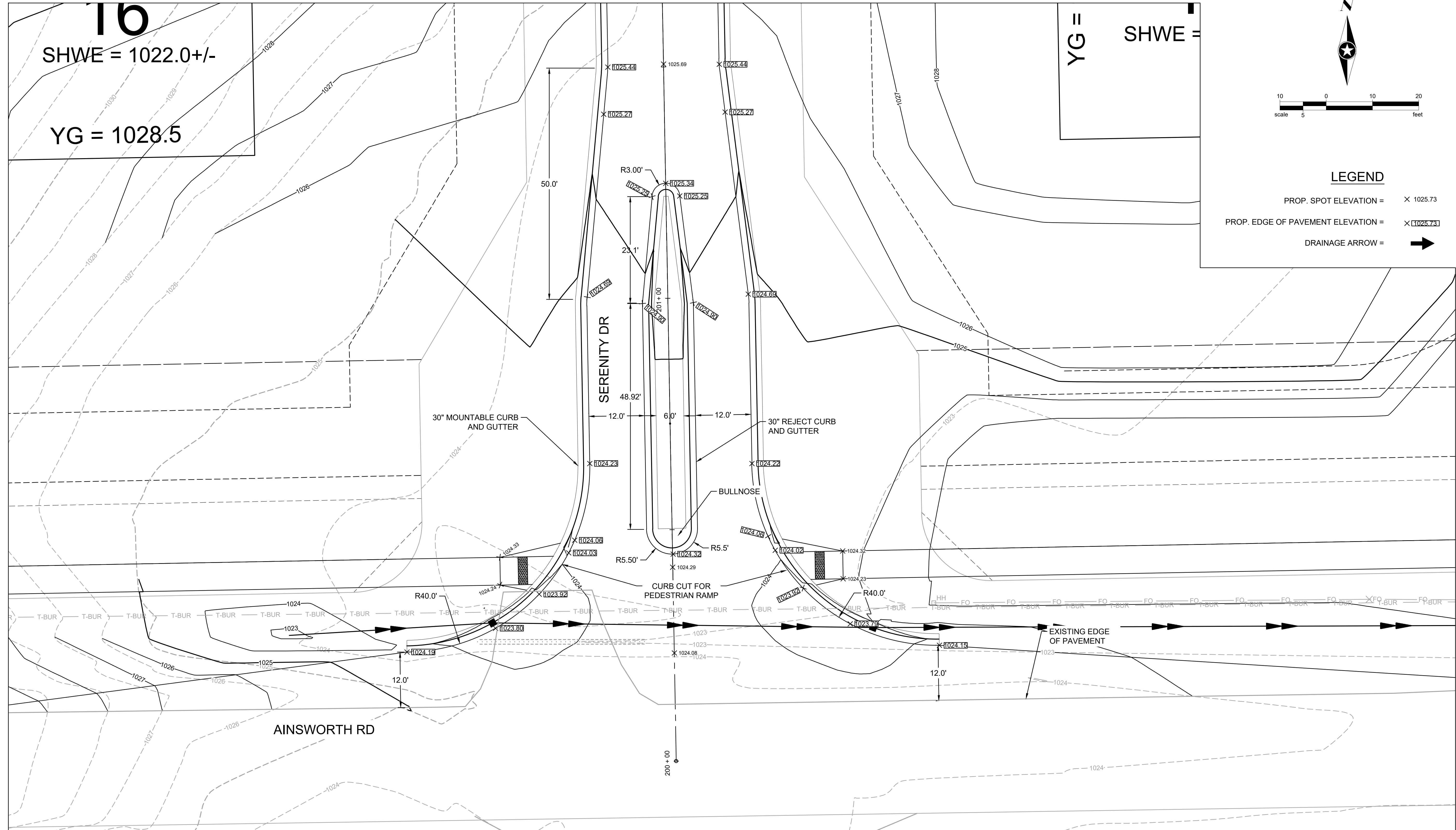
SEH Project	HALQA160979	Rev.#	Revision Issue Description	Date	Rev.#	Revision Issue Description	Date
Drawn By	JLS	▲	REVISIONS BASED ON VILLAGE OF MERTON REVIEW	10/05/21			
Designed By	MRG						
Checked By	BTP						



**STONE RIDGE SUBDIVISION**  
(PHASE 2 & 3)  
VILLAGE OF MERTON, WISCONSIN

**INTERSECTION DETAILS**

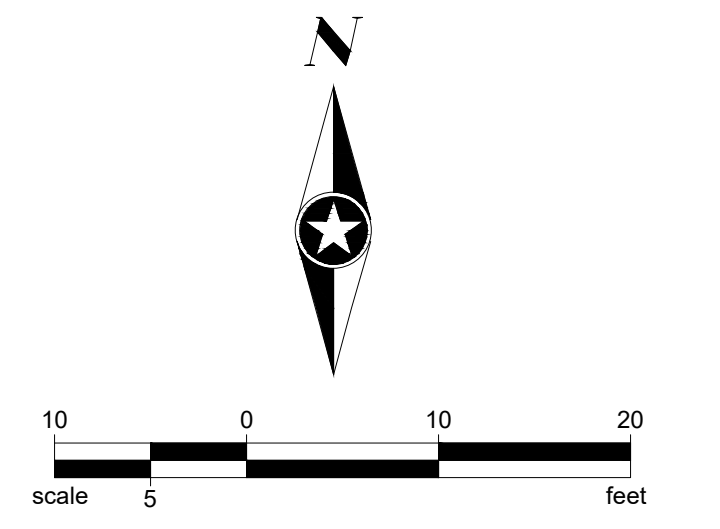
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**16**  
SHWE = 1022.0+/-

YG = 1028.5

YG = SHWE =



- LEGEND**
- PROP. SPOT ELEVATION = × 1025.73
  - PROP. EDGE OF PAVEMENT ELEVATION = × 1025.73
  - DRAINAGE ARROW = →

**AINSWORTH RD/SERENITY DR INTERSECTION**

SEH Project HALQA160979  
 Drawn By JLS  
 Designed By MRG  
 Checked By

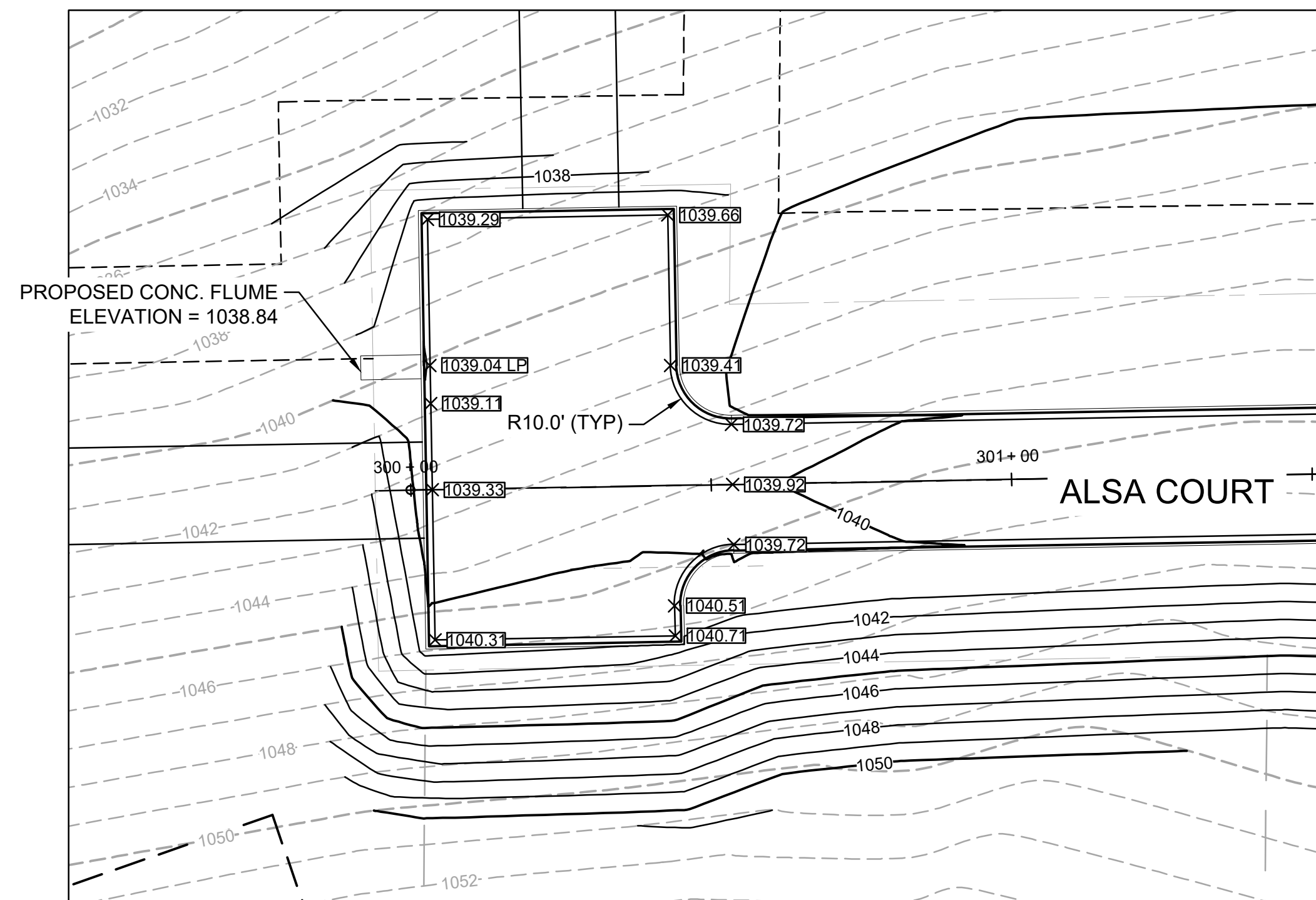
Rev.#	Revision Issue Description	Date

Rev.#	Revision Issue Description	Date

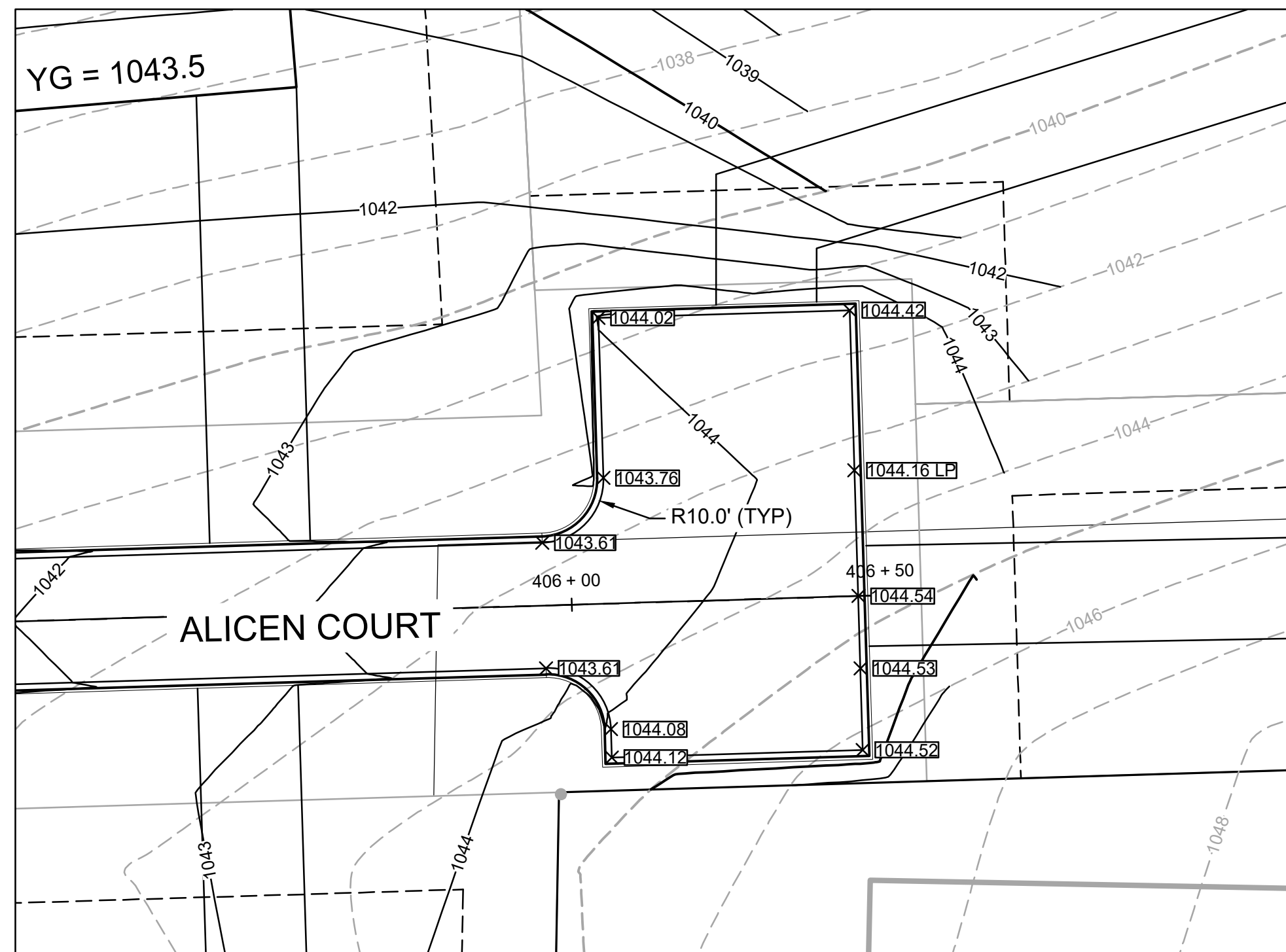


**STONE RIDGE SUBDIVISION**  
 (PHASE 2 & 3)  
 VILLAGE OF MERTON, WISCONSIN

**INTERSECTION DETAILS**

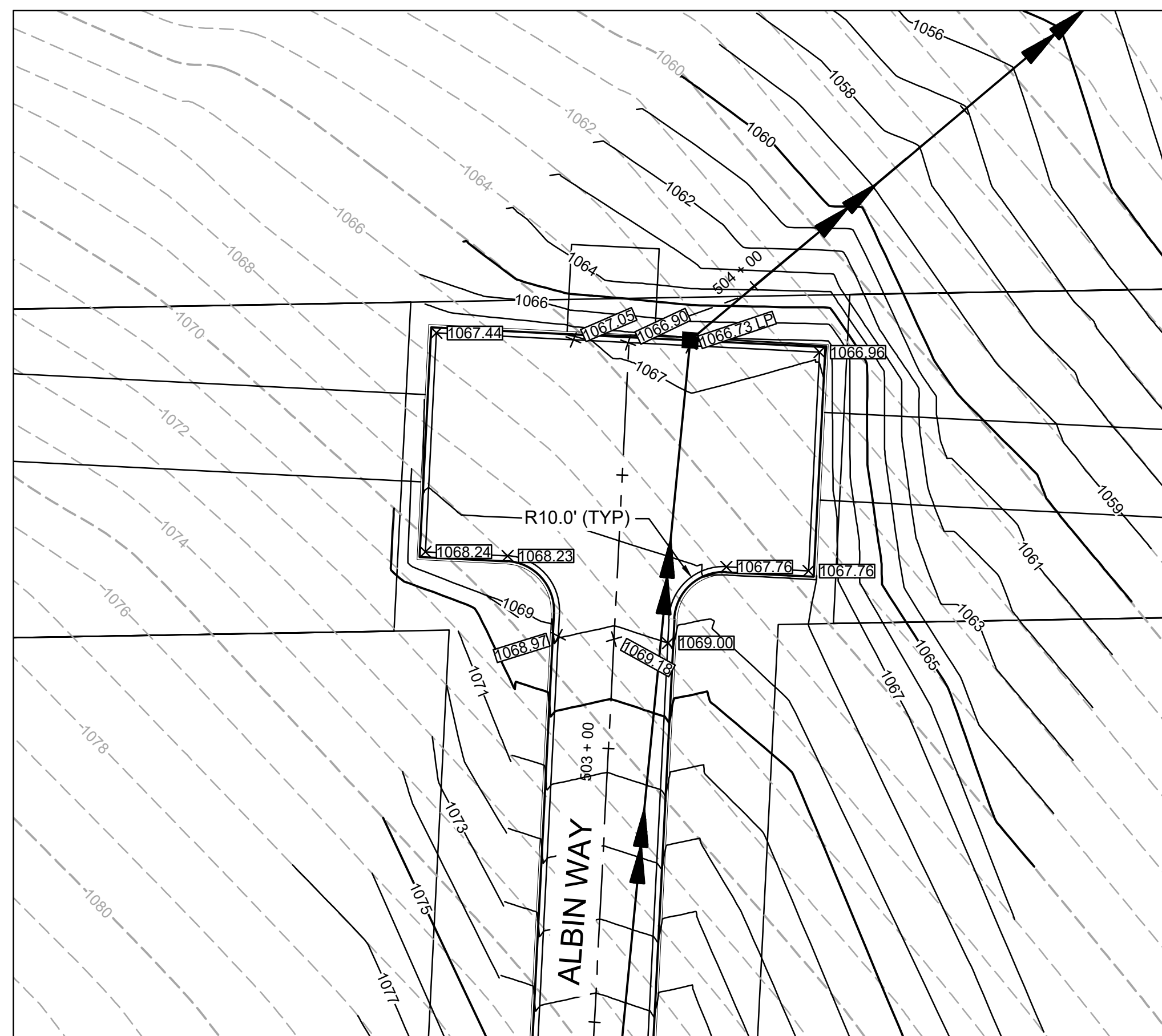
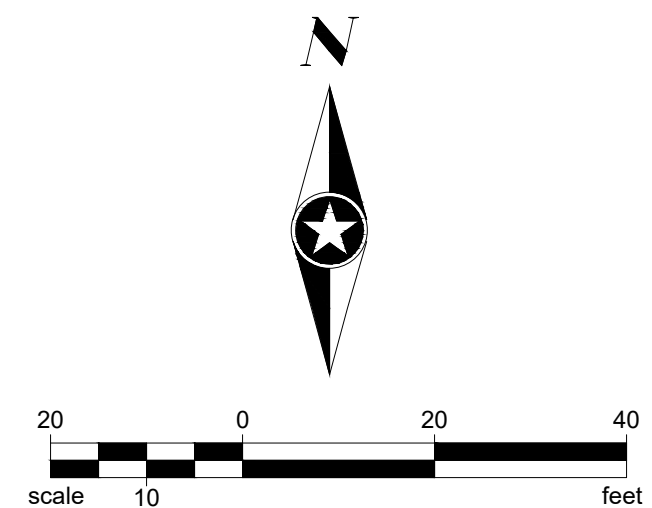


**ALSA COURT PERMANENT TEE**



**ALICEN COURT PERMANENT TEE**

- LEGEND**
- PROP. SPOT ELEVATION = x 1025.73
  - PROP. EDGE OF PAVEMENT ELEVATION = □ 1025.73
  - DRAINAGE ARROW = →



**ALBIN WAY PERMANENT TEE**

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SEH Project HALQA160979  
 Drawn By JLS  
 Designed By MRG  
 Checked By BTP

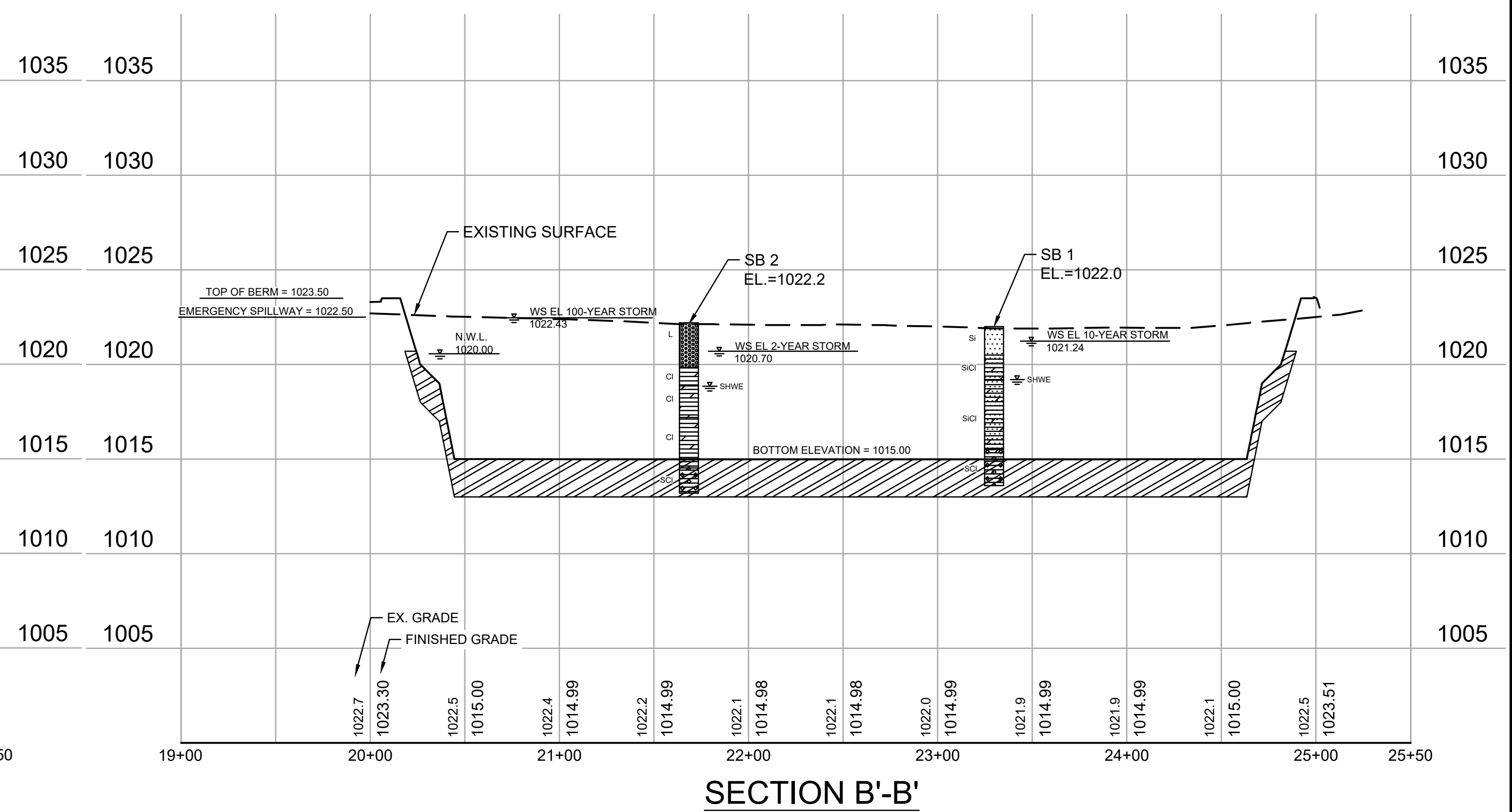
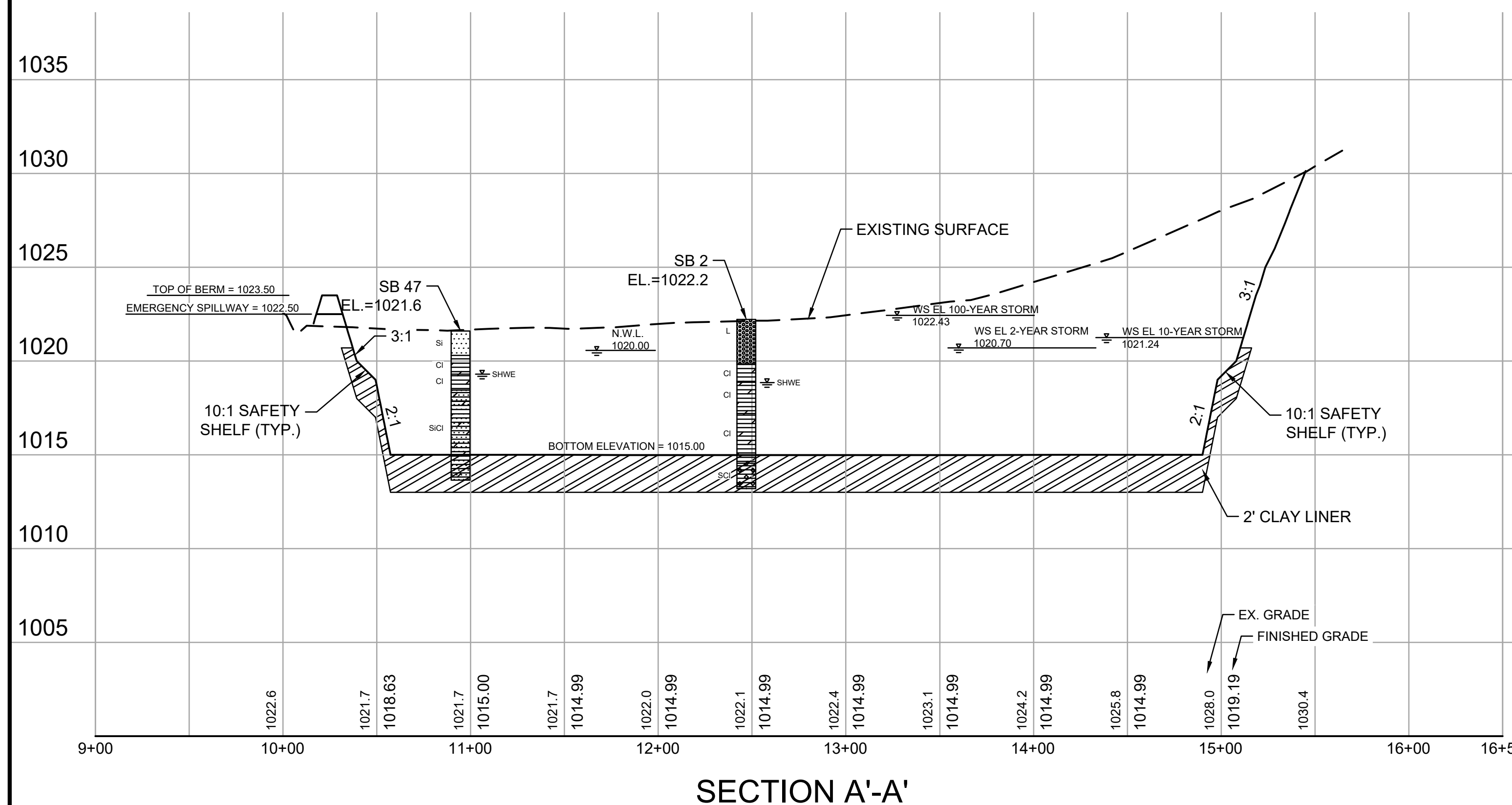
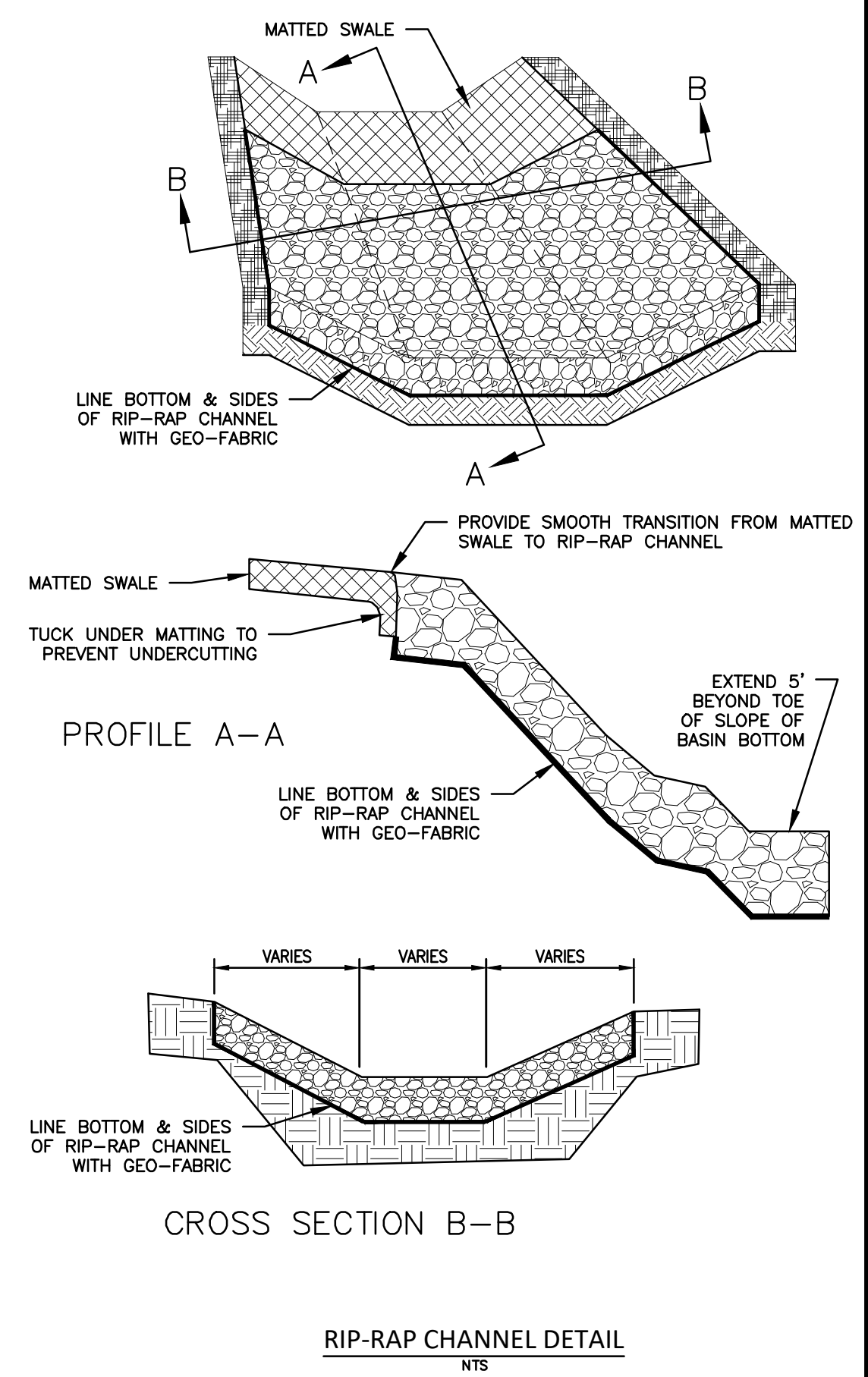
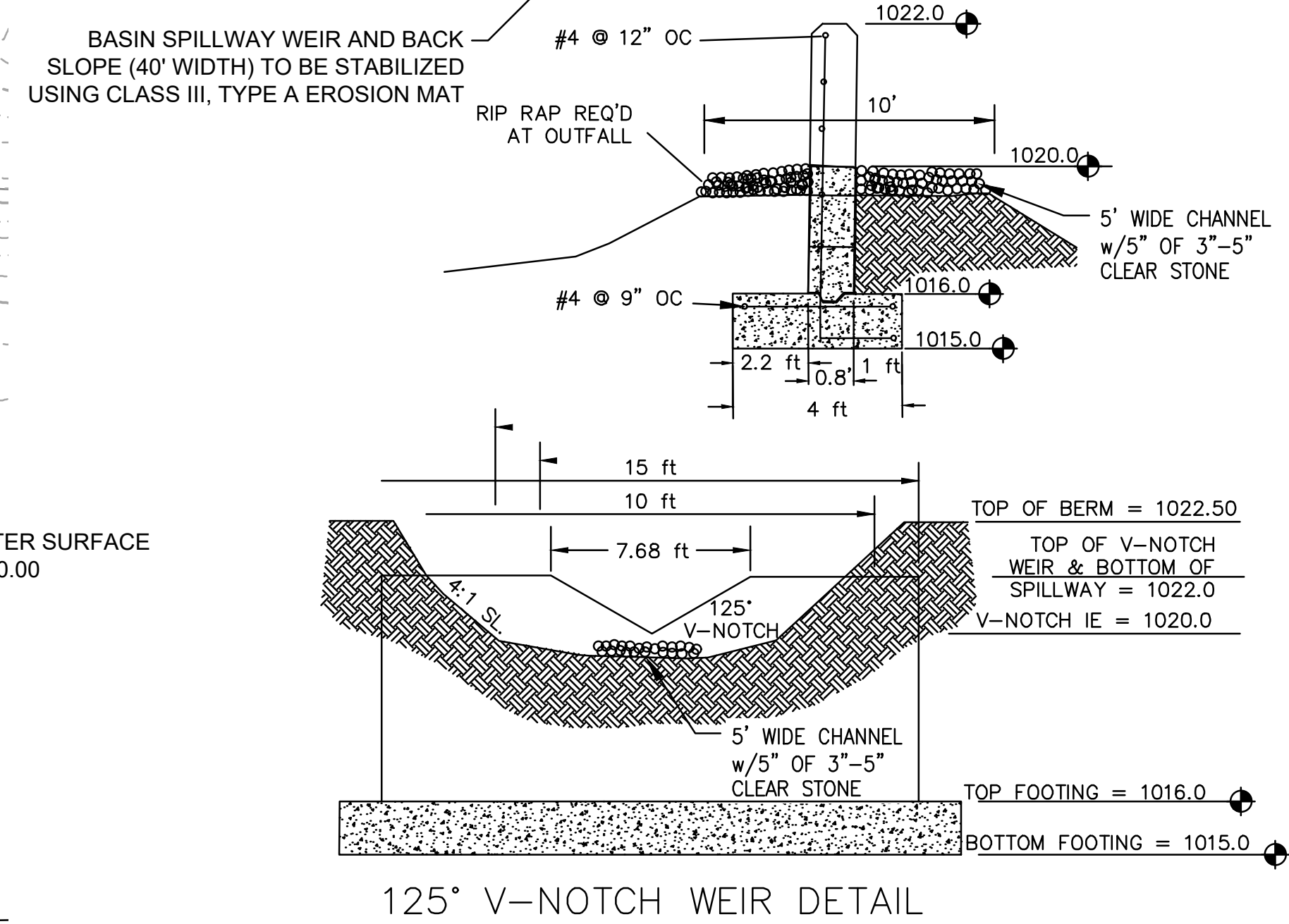
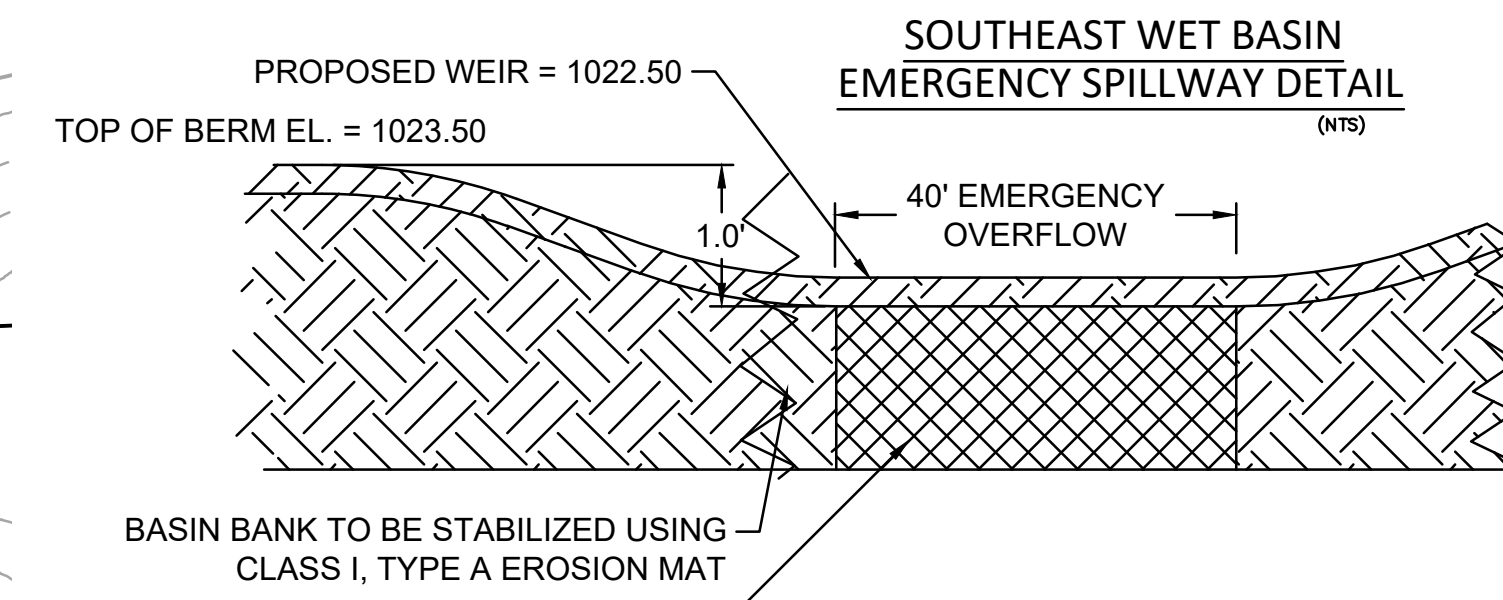
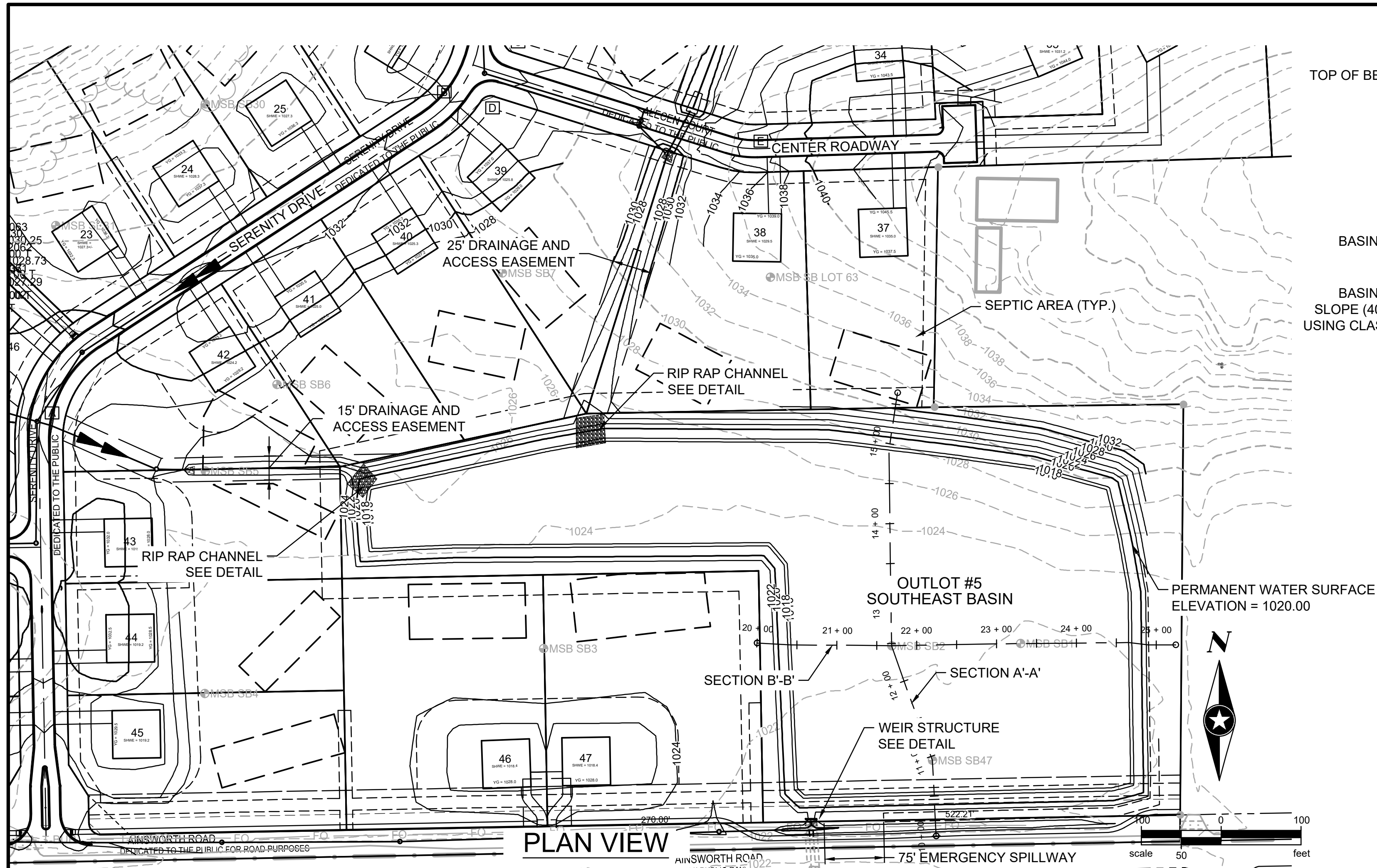
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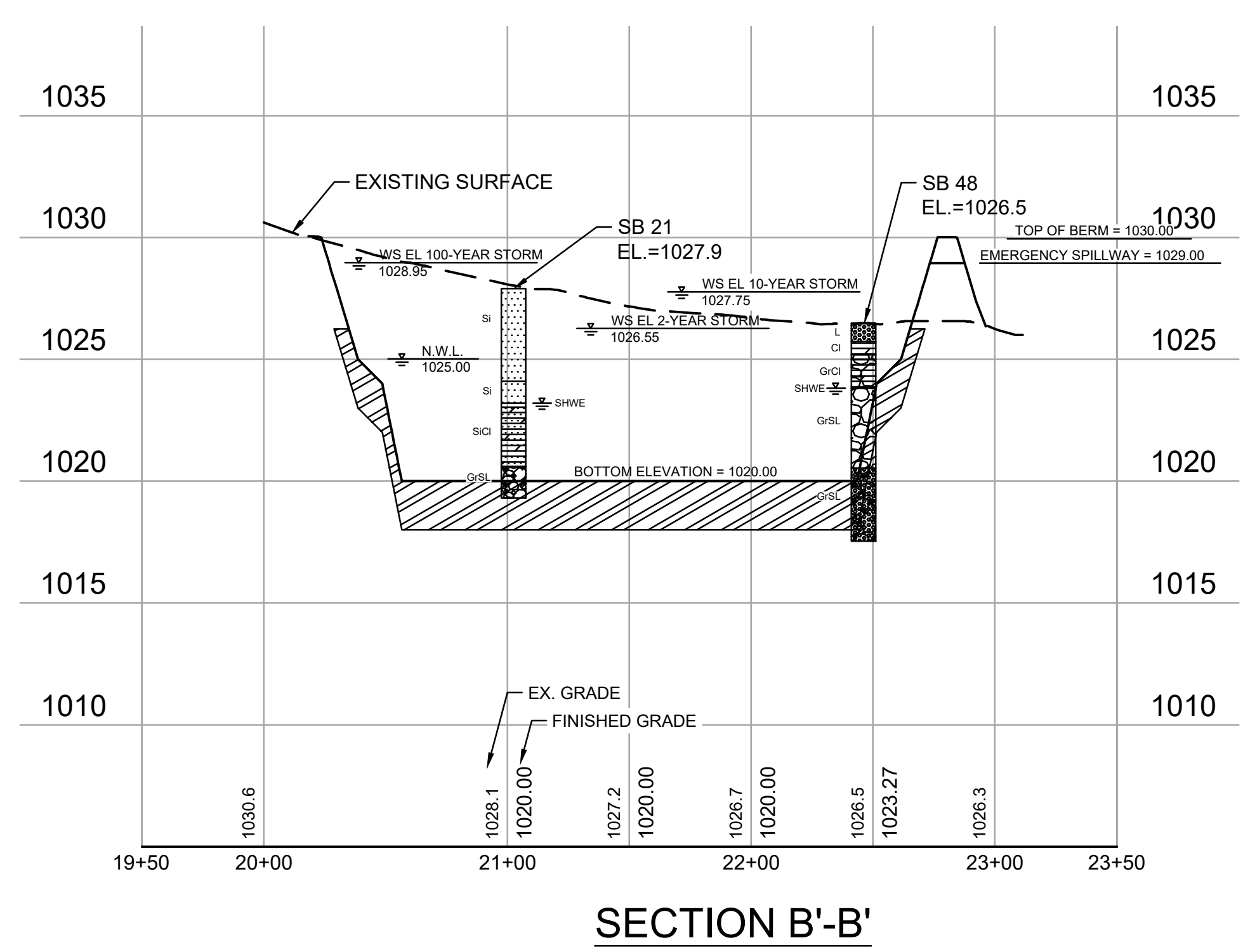
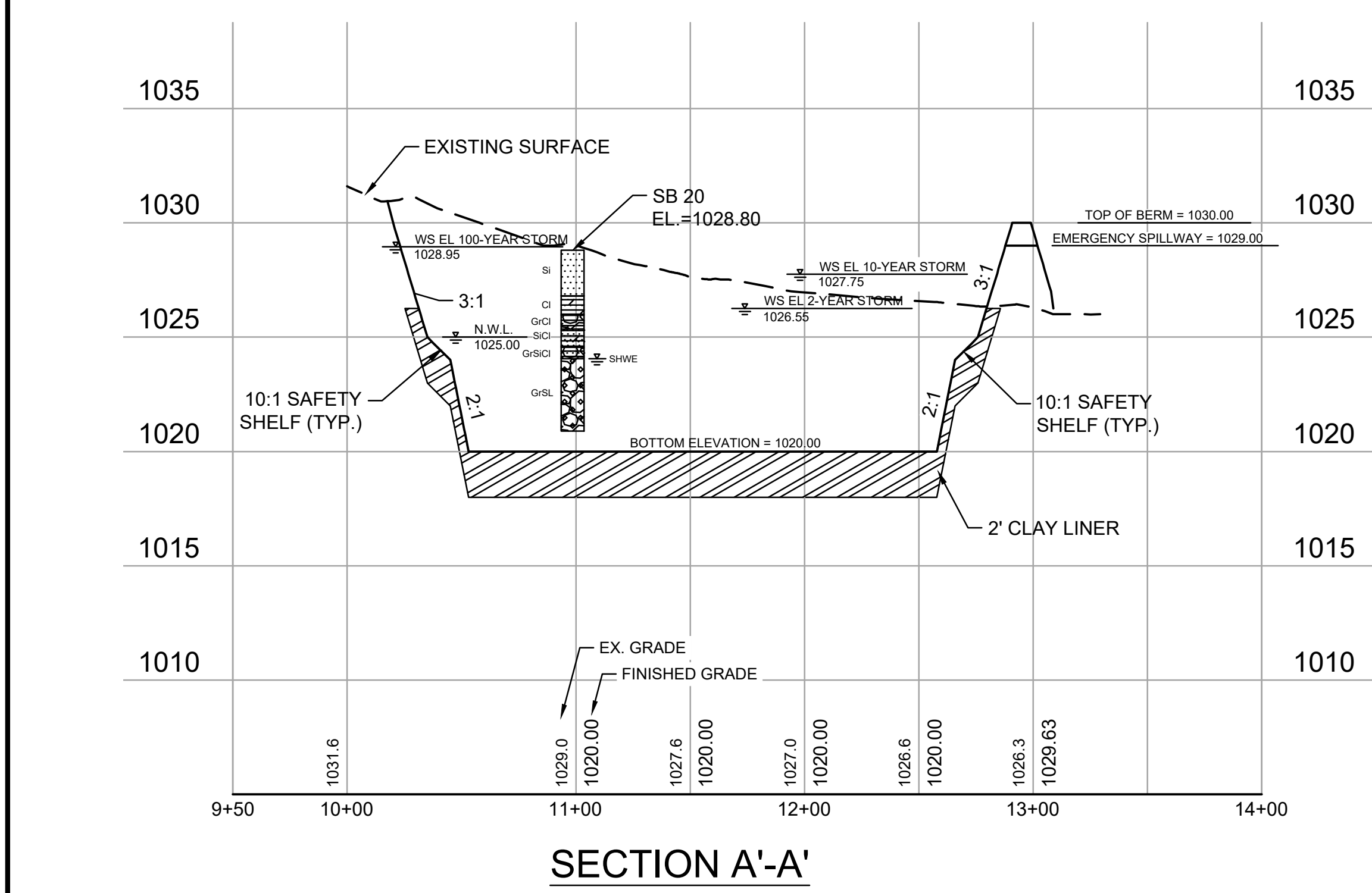
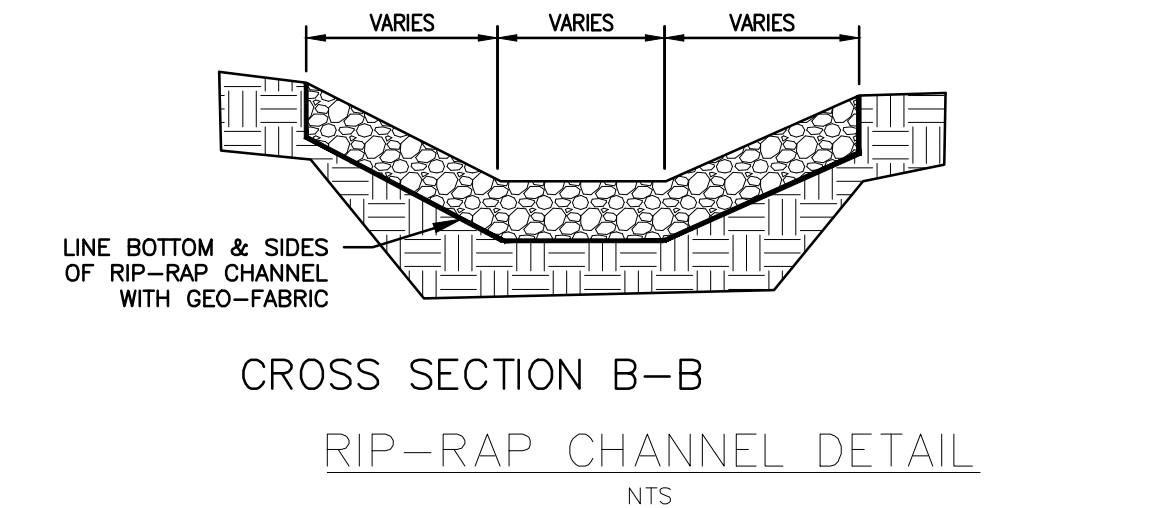
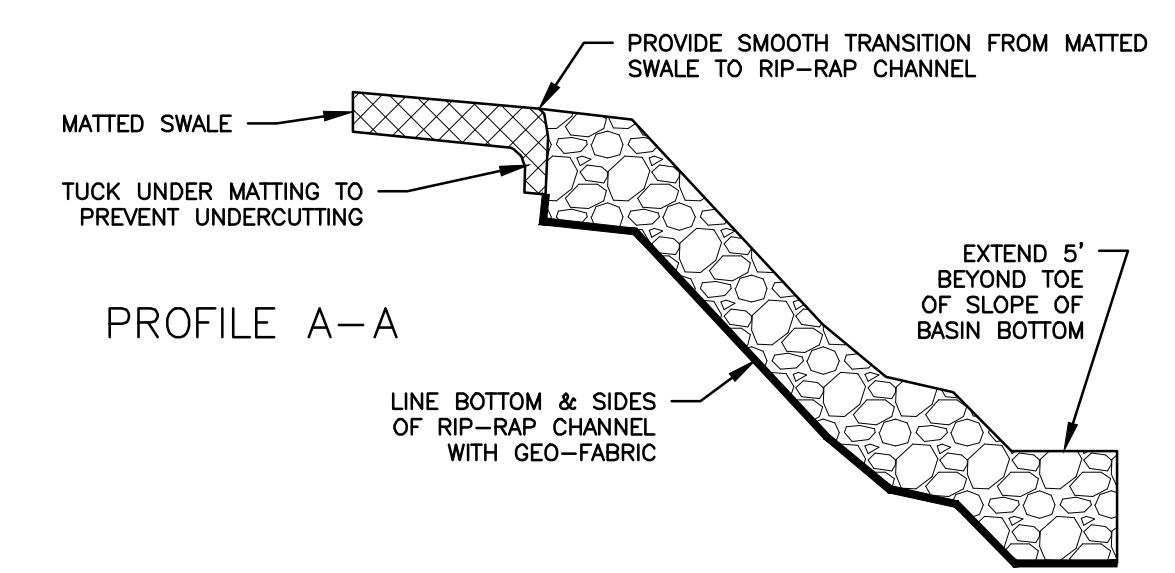
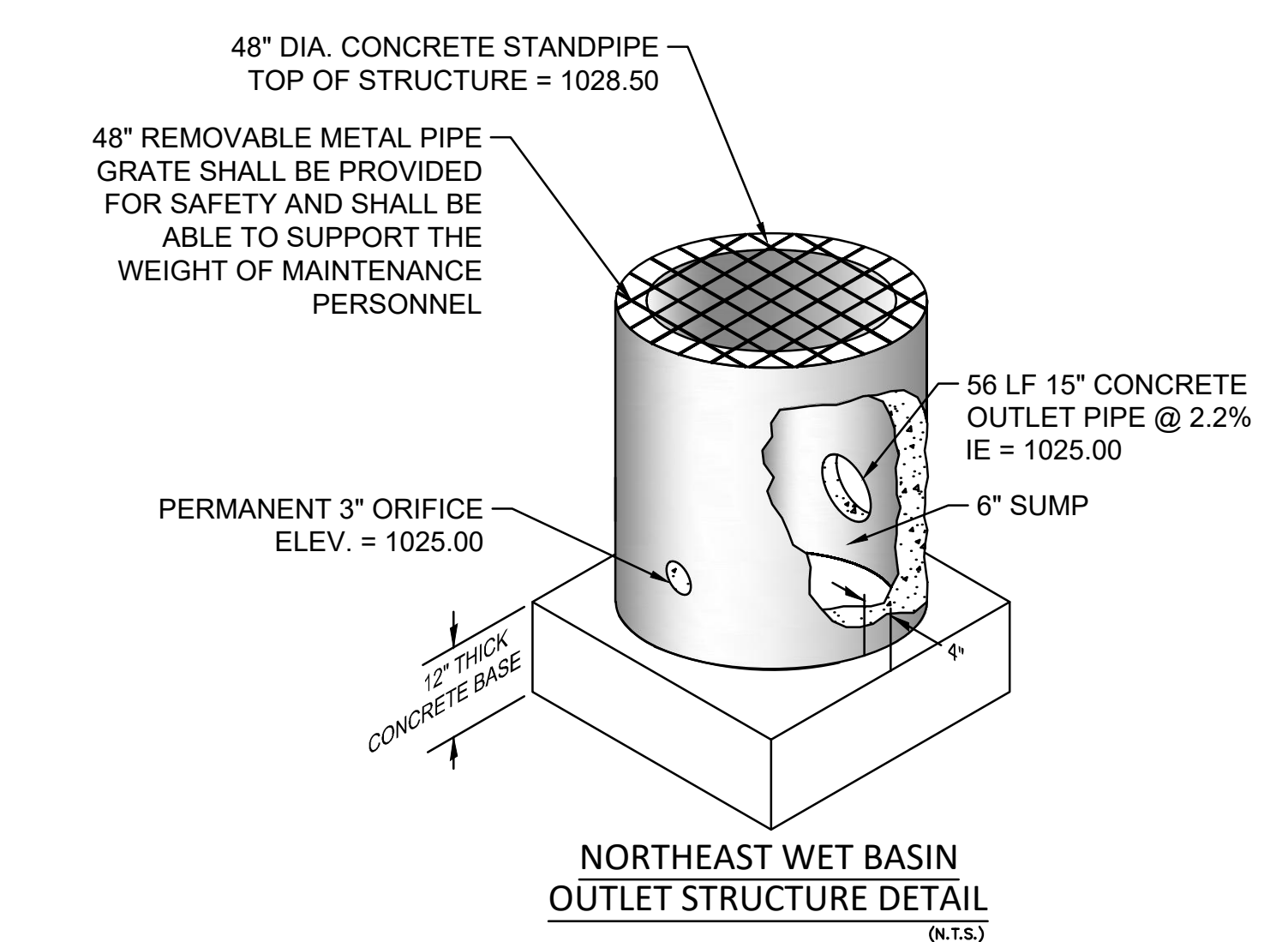
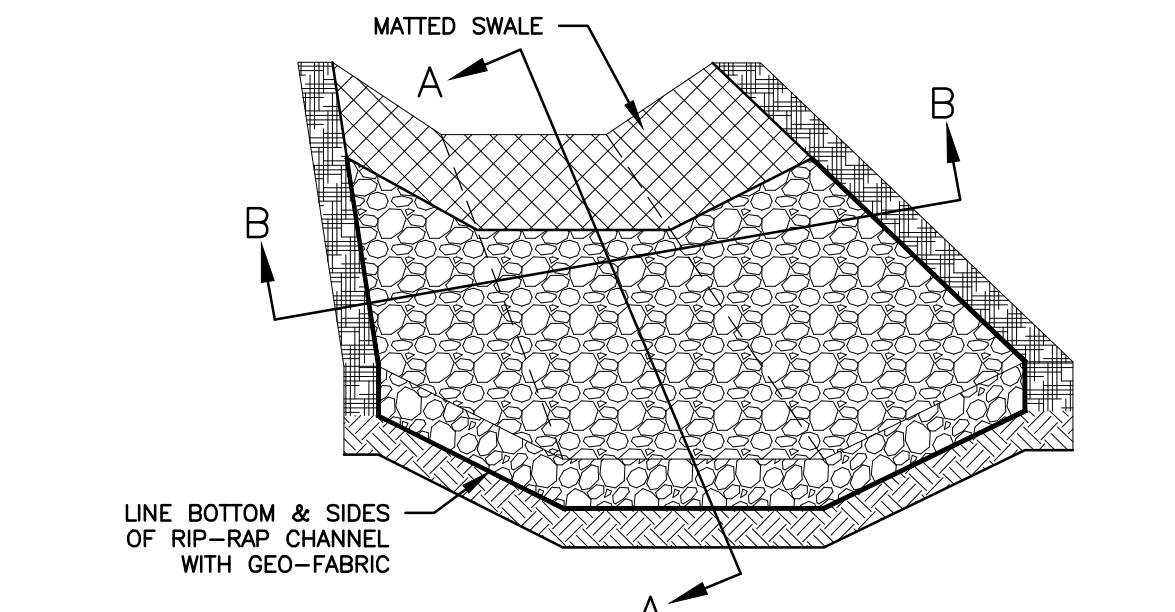
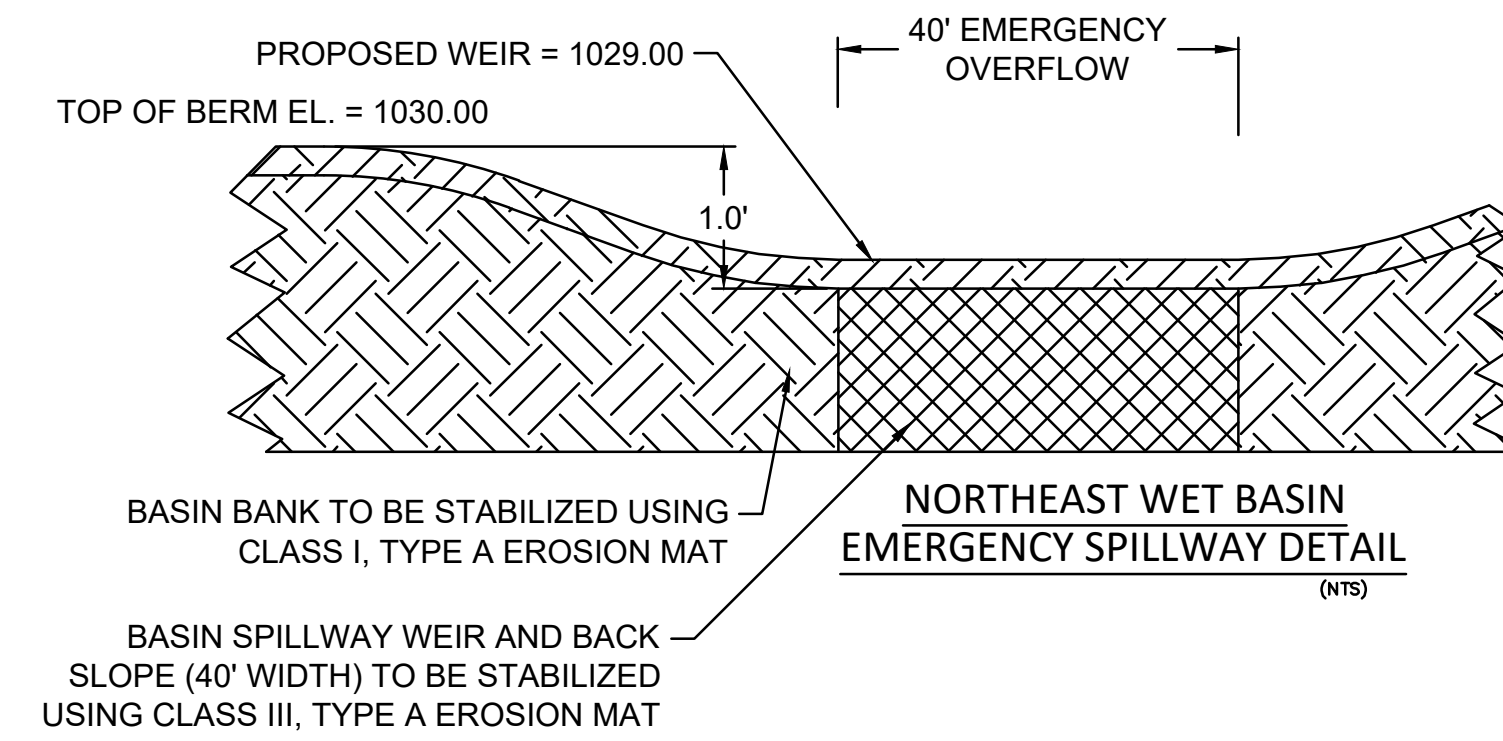
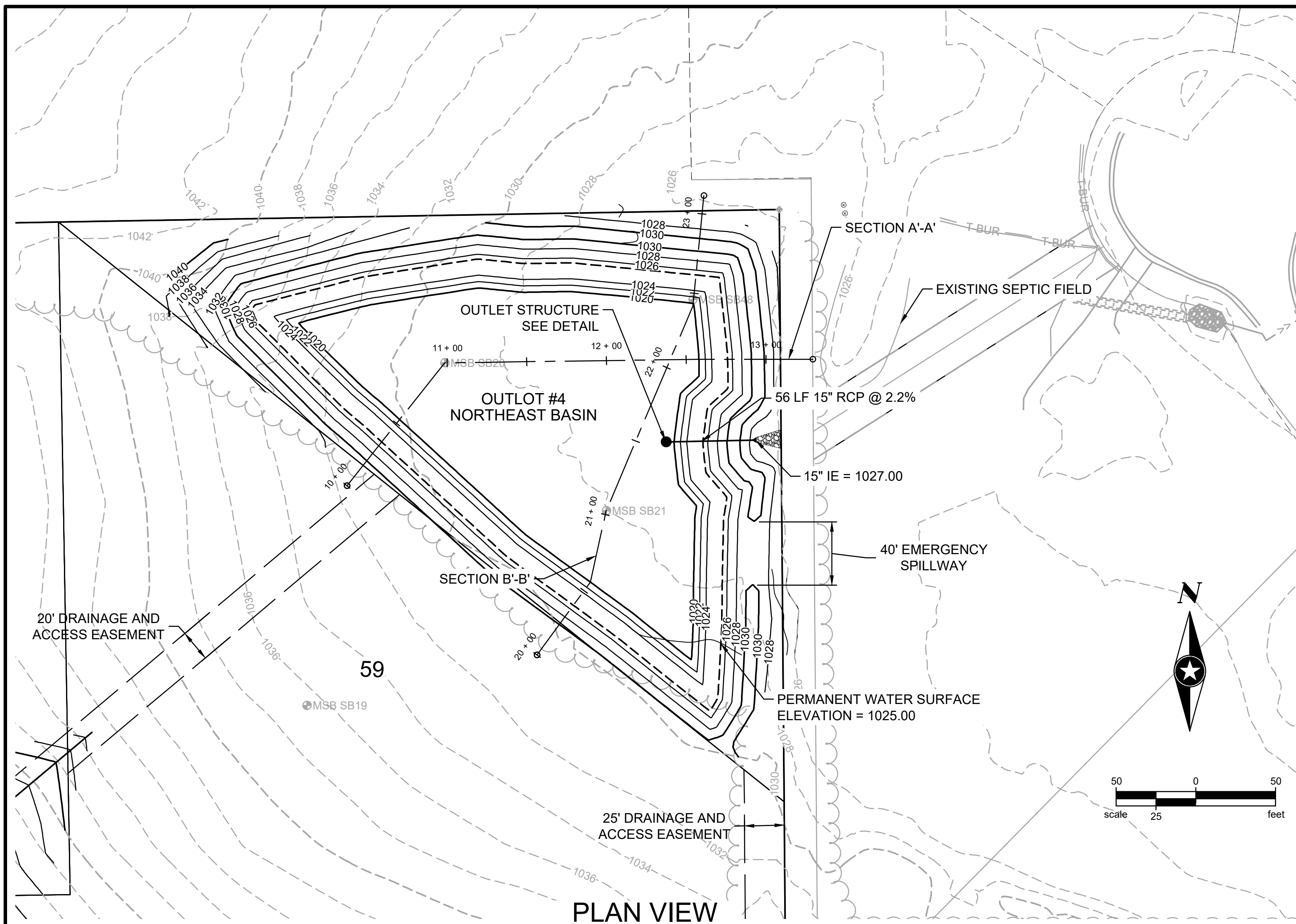


**STONE RIDGE SUBDIVISION**  
 (PHASE 2 & 3)  
 VILLAGE OF MERTON, WISCONSIN

**INTERSECTION DETAILS - PERMANENT TEE TURNAROUND**







SEH Project HALQA160979  
 Drawn By JLS  
 Designed By MRG  
 Checked By BTP

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STONE RIDGE SUBDIVISION  
 (PHASE 2 & 3)  
 VILLAGE OF MERTON, WISCONSIN

NORTHEAST BASIN DETAILS