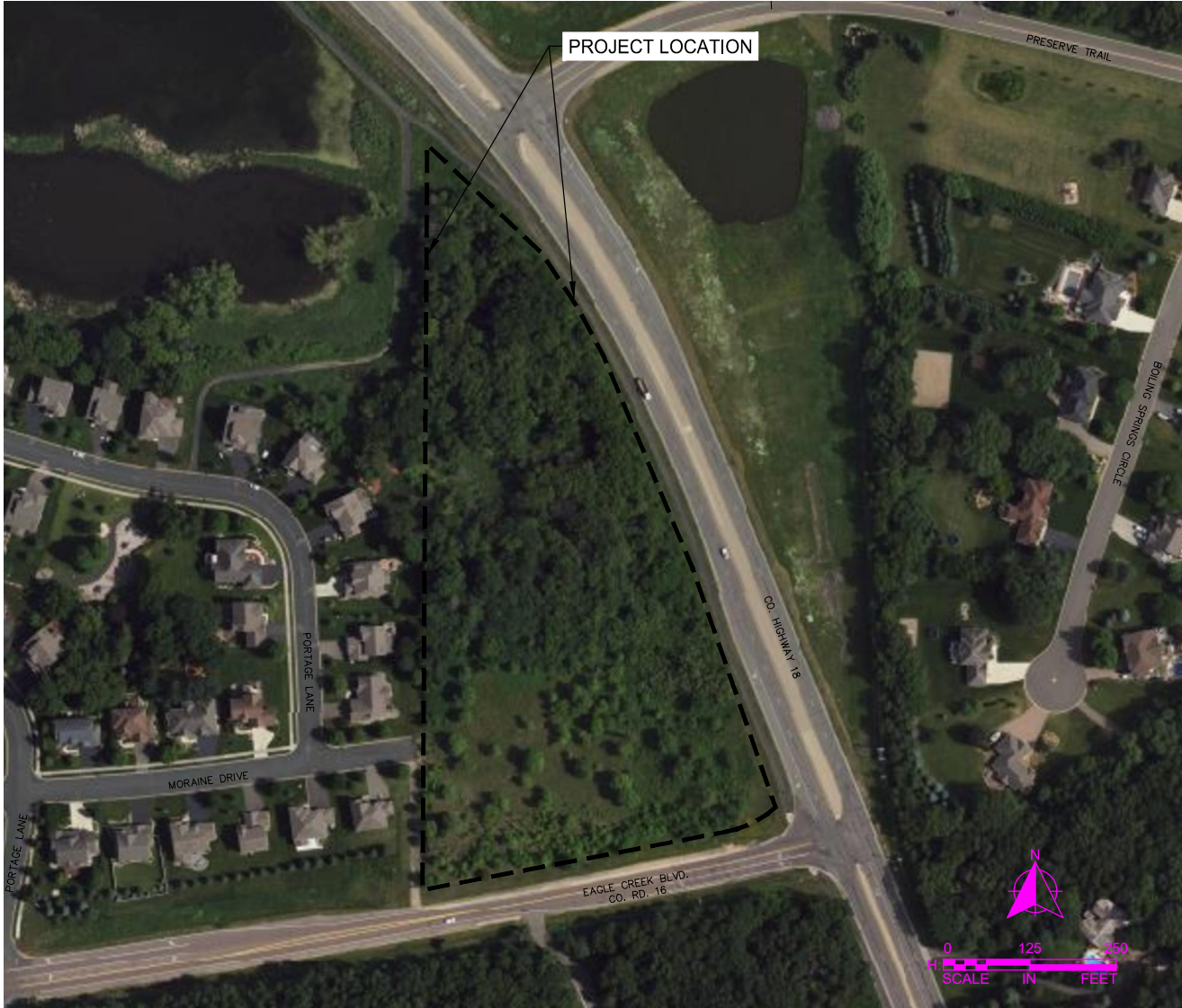


GENERAL NOTES

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE PLANS AND REQUIREMENTS OF THE DETAILED SPECIFICATIONS.
- CONTRACTOR TO OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PAY ALL PERMIT AND OTHER ASSOCIATED FEES REQUIRED BY LOCAL, STATE AND FEDERAL AGENCIES.
- EXISTING SITE INFORMATION WAS TAKEN FROM SURVEY INFORMATION PROVIDED BY PIONEER ENGINEERING, & WSB ENGINEERING. EXISTING UTILITY INFORMATION PROVIDED BY CITY OF LITTLE CANADA GIS LINEWORK, AND BOTH SURVEYS. ACTUAL FIELD CONDITIONS MAY VARY. VERIFY ALL FIELD CONDITIONS INCLUDING LOCATION OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. NOTIFY THE OWNER AND ENGINEER OF ANY DISCREPANCIES AFFECTING THE SCOPE OF THIS CONTRACT.
- PROTECT ALL PROPERTY CORNERS. RELOCATE BENCHMARKS AS NECESSARY WITH NEW BENCHMARK LOCATIONS WITHIN A TOLERANCE OF 0.010 VERTICAL FEET.
- THE CONTRACTOR SHALL CONTACT THE LOCAL UTILITY MARKING AUTHORITY PRIOR TO CONSTRUCTION.
- CONTRACTOR TO PROVIDE AND MAINTAIN ALL NECESSARY TRAFFIC CONTROL DEVICES TO CONFORM TO THE LATEST VERSION OF THE MINNESOTA "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD). ALL COSTS ASSOCIATED WITH LABOR, MATERIALS, AND EQUIPMENT TO FURNISH AND MAINTAIN TRAFFIC CONTROL WILL BE CONSIDERED INCIDENTAL TO THE PROJECT.
- UPON COMPLETION OF WORK, THE CONTRACTOR SHALL PROVIDE REDLINED COPIES OF CONSTRUCTION DOCUMENTS TO THE ENGINEER REFLECTING ACTUAL INSTALLATION AS APPROVED BY THE ENGINEER AND/OR OWNER.
- GRADING ACTIVITY WHICH BLOCKS TRAFFIC OF ANY STREET, ALLEY, OR DRIVE IS SUBJECT TO APPROVAL BY THE CITY.
- CONTRACTOR SHALL STOP WORK IMMEDIATELY AND NOTIFY THE ENGINEER AND OWNER IF CONTAMINANTS ARE FOUND IN THE EXISTING SOILS.
- PROVIDE POSITIVE DRAINAGE AT ALL TIMES WITHIN THE CONSTRUCTION AREA. DO NOT ALLOW WATER TO POND IN EXCAVATION AREAS, AND MAINTAIN ALL EXISTING DRAINAGE PATTERNS.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO COMPLY WITH ALL OSHA REGULATIONS IN THE EXECUTION OF WORK UNDER THIS CONTRACT.
- THE CONTRACTOR SHALL APPLY FOR A CITY OF LITTLE CANADA GRADING PERMIT BEFORE STARTING WORK. NO WORK MAY BEGIN UNTIL THE PERMIT HAS BEEN RECEIVED AND THE CONTRACTOR MUST COMPLY WITH THE TERMS OF THE PERMIT.
- ALL EXTERIOR BUILDING WALLS AND FOUNDATIONS ADJACENT TO PERVIOUS NON-PAVED AREAS SHALL BE WATERPROOFED TO AN ELEVATION OF 0.5' ABOVE SAID EXTERIOR PERVIOUS GRADE IN ACCORDANCE WITH ARCHITECTURAL PLANS AND SPECIFICATIONS.

PROJECT NAME
SHAKOPEE, MINNESOTA
SCOTT COUNTY CDA
CIVIL PLAN SUBMITTAL - 11/03/2022



PROJECT LOCATION MAP



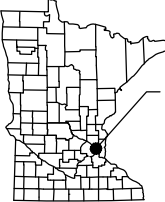
www.gopherstateonecall.org

COLOR CODE FOR MARKING
UNDERGROUND UTILITY LINES

[White Box]	Proposed Excavation
[Pink Box]	Temporary Survey Markings
[Red Box]	Electric
[Yellow Box]	Gas-Oil-Steam-Propane
[Orange Box]	Communication-CATV-Fiber
[Blue Box]	Water
[Purple Box]	Reclaimed Water-Irrigation
[Green Box]	Sewer

A CALL TO GOPHER STATE ONE, 811 OR (651-454-0002) IS REQUIRED A MINIMUM OF 48 HOURS PRIOR TO PERFORMING ANY EXCAVATION.





PROJECT LOCATION
COUNTY: SCOTT

SECT X, TWP XX, RNG XX

Sheet List Table	
Sheet Number	Sheet Title
CS-001	TITLE SHEET
CS-102	DEMOLITION PLAN
CG-101	GRADING, DRAINAGE, & EROSION CONTROL PLAN
CG-102	GRADING NOTES
CG-103	OVERALL STREET & STORM PLAN AND PROFILE
CG-104	STREET & STORM PLAN AND PROFILE
CG-105	STREET & STORM PLAN AND PROFILE
CG-106	STREET & STORM PLAN AND PROFILE
CG-107	STORM SEWER STRUCTURE TABLE
CU-101	STREET UTILITY PLAN AND PROFILE
CU-102	STREET UTILITY PLAN AND PROFILE
CS-501	CIVIL DETAILS
CS-502	CIVIL DETAILS



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NO.	DESCRIPTION

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

Jerry G. Schimmel
DATE: 09-27-2022 LIC. NO. XXXXX

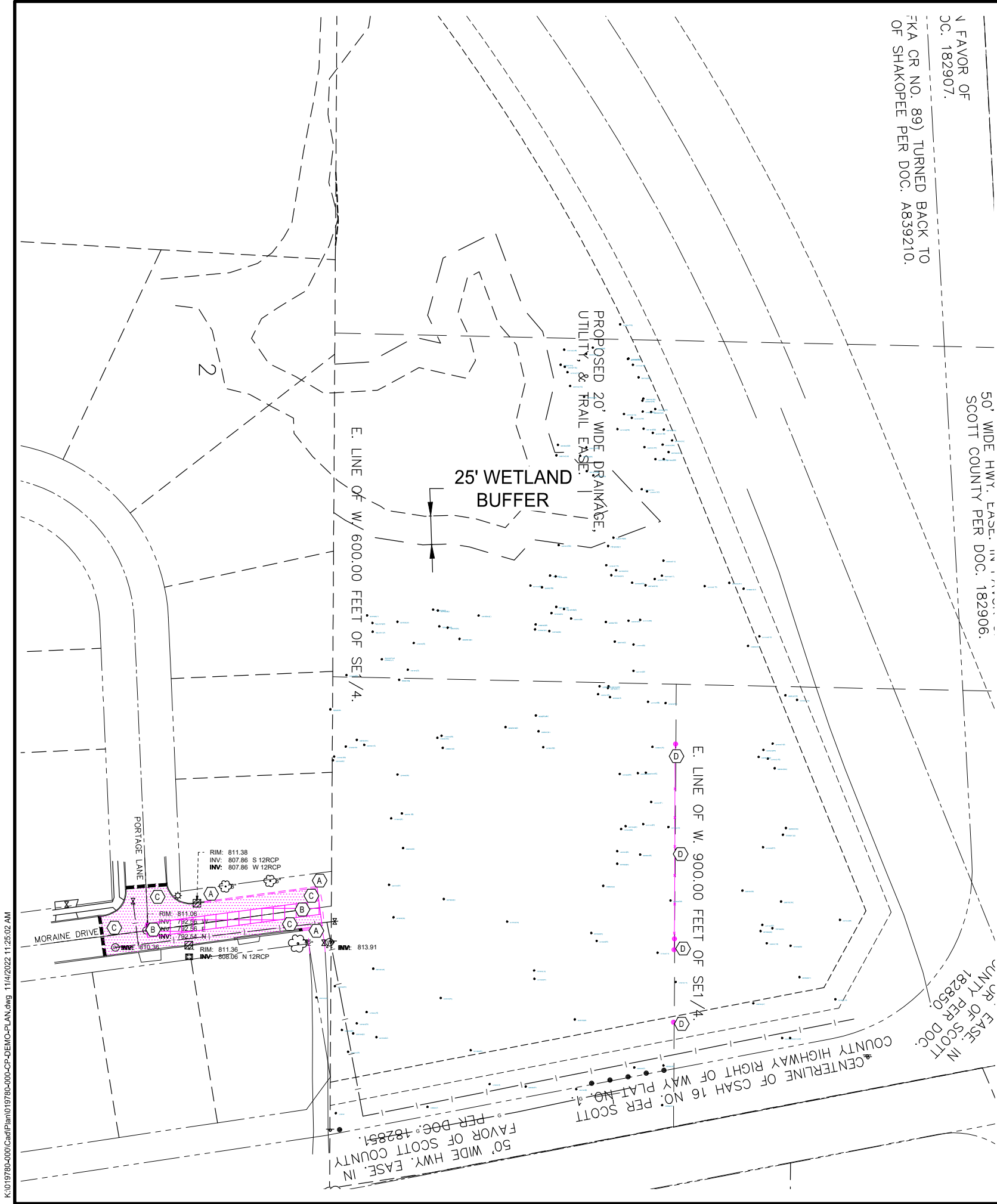
TITLE SHEET

SCOTT COUNTY CDA
PROJECT - SHAKOPEE, MINNESOTA

WSB PROJECT NO.
019780-000

SHEET
CS-001

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DEMOLITION NOTES

1. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING A BID TO BECOME FAMILIAR WITH ALL SITE CONDITIONS. ALL SURFACE FEATURES THAT CONFLICT WITH PROPOSED CONDITIONS SHALL BE REMOVED OR RELOCATED WHETHER OR NOT SHOWN ON SURVEY OR SPECIFICALLY CALLED OUT. THIS INCLUDES BUT IS NOT LIMITED TO CLEARING AND GRUBBING.
2. EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. INSTALL EROSION AND SEDIMENTATION CONTROL PRIOR TO DEMOLITION. (SEE SHEET(S) CG101-CG 103)
3. USE TEMPORARY CONSTRUCTION FENCING TO SECURE BUILDING SITE FOR PROTECTION OF PERSONS AND PROPERTY.
4. CONTRACTOR SHALL COORDINATE WITH ALL SMALL UTILITY OWNERS FOR THE DEMOLITION & RELOCATION OF EXISTING UTILITY STRUCTURES AND LINES AS NECESSARY TO ACCOMMODATE PROPOSED IMPROVEMENTS.
5. MAINTAIN FIRE ACCESS WITHIN 150 FEET OF EXTERIOR AREAS OF ALL BUILDINGS DURING CONSTRUCTION.
6. THE CONTRACTOR SHALL REFER TO THE MUTCD FOR TRAFFIC CONTROL REQUIREMENTS. THE CONTRACTOR MAY BE REQUIRED TO PHASE CONSTRUCTION TO MINIMIZE DISRUPTION TO TRAFFIC AND MAINTAIN SITE SAFETY. CONSTRUCTION OPERATIONS SHALL BE PERFORMED IN A WAY TO MINIMIZE THE DISRUPTION TO THE NORMAL FLOW OF TRAFFIC ON ALL STREETS, ALLEYS, AND PUBLIC BUILDING ACCESS.
7. THE CONTRACTOR SHALL REFER TO THE MUTCD FOR TRAFFIC CONTROL REQUIREMENTS. THE CONTRACTOR MAY BE REQUIRED TO PHASE CONSTRUCTION TO MINIMIZE DISRUPTION TO TRAFFIC AND MAINTAIN SITE SAFETY. CONSTRUCTION OPERATIONS SHALL BE PERFORMED IN A WAY TO MINIMIZE THE DISRUPTION TO THE NORMAL FLOW OF TRAFFIC ON ALL STREETS, ALLEYS, AND PUBLIC BUILDING ACCESS.
8. THE CONTRACTOR SHALL OBTAIN AND CONFORM TO ALL PERTINENT CITY, COUNTY AND STATE DETAILS, SPECIFICATIONS, PERMITS, AND COORDINATE INSPECTIONS AS REQUIRED BY THE GOVERNING BODY DURING THE ENTIRE PROJECT DURATION.
9. CONTACT PUBLIC AND PRIVATE UTILITY OWNERS A MINIMUM OF 72 HOURS PRIOR TO THE START OF WORK. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND PROTECT ALL EXISTING UTILITIES AND TOPOGRAPHIC FEATURES NOT SCHEDULED FOR REMOVAL. NO ADDITIONAL PAYMENT WILL BE MADE FOR REPAIRING DAMAGE TO EXISTING UTILITIES, RELOCATING, WORKING AROUND, OR PROTECTING EXISTING UTILITIES OR OTHER APPURTENANCES.
10. COORDINATE WITH PRIVATE UTILITY COMPANIES (ELECTRIC, GAS, COMMUNICATIONS) FOR TERMINATION REMOVAL AND OR RELOCATION OF EXISTING SERVICES THROUGHOUT SITE AND REPLACEMENT WITH NEW SERVICES FOR THE PROPOSED DEVELOPMENT.
11. REMOVE TOPSOIL WITHIN LIMITS OF CONSTRUCTION. STOCKPILE ON-SITE FOR USE IN AREAS NOT SCHEDULED FOR BUILDING, PAVEMENT, OR SIDEWALK.
12. A DIAMOND EDGE SAWBLADE SHALL BE USED FOR CUTTING ALL PAVEMENT MARKED FOR REMOVAL.
13. SAWCUT EXISTING PAVEMENT WHICH ABUTS ALL NEW PAVEMENTS TO PROVIDE A STRAIGHT VERTICAL EDGE.
14. PROTECT BY WHATEVER MEANS REQUIRED ALL FENCES, SIGNS, STRUCTURES, DRIVES, SIDEWALKS, STREETS, BUSHES, TREES, ETC. WHICH ARE NOT DESIGNATED FOR REMOVAL, OR OUTSIDE THE LIMITS OF CONSTRUCTION.
15. CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL DAMAGE INCURRED DURING CONSTRUCTION. THIS INCLUDES, BUT IS NOT LIMITED TO, DAMAGE CAUSED BY SUBCONTRACTORS TO THE GENERAL CONTRACTOR. REPAIRS SHALL EQUAL OR EXCEED THE QUALITY OF EXISTING CONDITIONS.
16. CONTRACTOR SHALL REMOVE AND/OR RELOCATE ALL ITEMS NECESSARY TO ACCOMMODATE THE PROPOSED IMPROVEMENTS WHETHER SPECIFICALLY CALLED OUT BY NOTE OR NOT.
17. THE LOCATIONS OF ALL AERIAL AND UNDERGROUND UTILITY FACILITIES ARE APPROXIMATE OR MAY NOT BE INDICATED IN THESE PLANS. UNDERGROUND FACILITIES, WHETHER INDICATED OR NOT, SHALL BE LOCATED PRIOR TO CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT ALL EXISTING UTILITIES, PAVEMENT AND OTHER IMPROVEMENTS. ANY DAMAGE TO EXISTING UTILITIES AND/OR PAVED STREETS CAUSED BY CONSTRUCTION OPERATIONS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE, IN ACCORDANCE WITH CITY OF LITTLE CANADA PUBLIC WORKS DEPARTMENT STANDARD SPECIFICATIONS FOR CONSTRUCTION, LATEST EDITION.
18. ALL DEBRIS AND REFUSE RESULTING FROM CONSTRUCTION OPERATIONS SHALL BE HAULED OFF-SITE AND DISPOSED OF PROPERLY AT THE CONTRACTOR'S EXPENSE.

LEGEND (DEMOLITION)

- DEMO TREES
- DEMO CURB AND GUTTER
- SAWCUT LINE
- DEMO FENCE AND POSTS
- DEMO BITUMINOUS SURFACE
- DEMO BITUMINOUS SURFACE AND SUBGRADE

KEYNOTES

- (A) SAWCUT, REMOVE, AND DISPOSE OF EXISTING CONCRETE CURB AND GUTTER.
- (B) SAWCUT, REMOVE, AND DISPOSE OF EXISTING BITUMINOUS PAVEMENT, SUBGRADE, AND EXCAVATE TO REQUIRED DEPTH FOR SANITARY SEWER INSTALLATION.
- (C) SAWCUT, REMOVE, AND DISPOSE OF EXISTING BITUMINOUS PAVEMENT.
- (D) REMOVE AND DISPOSE OF EXISTING FENCE AND POSTS.



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PLAN BY: CHECK BY:
SJH JGS

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NO.	DESCRIPTION

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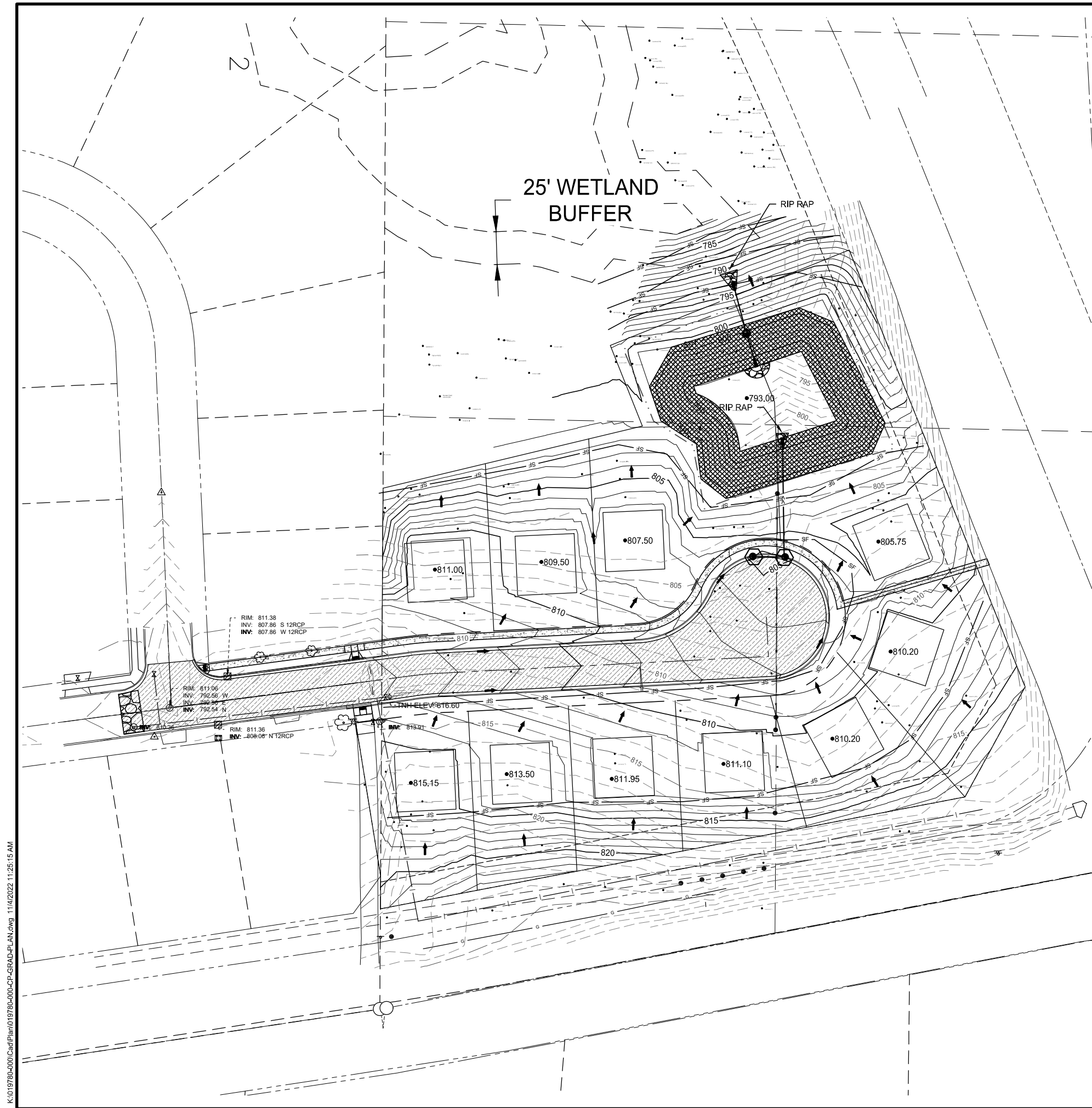
Jerry G. Schimmel
DATE: 05-27-2022 LIC. NO. XXXXX

DEMOLITION PLAN

SCOTT COUNTY CDA
PROJECT - SHAKOPEE, MINNESOTA

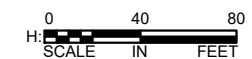
WSB PROJECT NO.
019780-000

SHEET
CS-102



LEGEND

- | | |
|--|---|
| | APPROX. CONSTRUCTION LIMITS |
| | PROPERTY LINE |
| | EXISTING EASEMENT |
| | PROPOSED EASEMENT |
| | EXISTING CONTOUR (MAJOR) |
| | EXISTING CONTOUR (MINOR) |
| | PROPOSED CONTOUR (MAJOR) |
| | PROPOSED CONTOUR (MINOR) |
| | EXISTING SANITARY SEWER MAIN |
| | PROPOSED SANITARY SEWER MAIN |
| | EXISTING SANITARY SEWER SERVICE |
| | PROPOSED SANITARY SEWER SERVICE |
| | EXISTING SANITARY STRUCTURE |
| | PROPOSED SANITARY STRUCTURE |
| | EXISTING STORM SEWER PIPE |
| | EXISTING STORM STRUCTURE |
| | PROPOSED STORM SEWER PIPE |
| | PROPOSED STORM STRUCTURE |
| | EXISTING FENCE |
| | PROPOSED FENCE |
| | PROPOSED SPOT ELEVATION |
| | FUTURE SPOT ELEVATION |
| | FUTURE AND PROPOSED SLAB ON GRADE ELEVATION |
| | INLET PROTECTION |
| | FLOW DIRECTION |
| | RIP RAP |
| | SILT FENCE |
| | STABILIZED CONSTRUCTION ENTRANCE |
| | 20' OFFSET FROM TOWER FOOTINGS WHERE EARTH CUT OR FILL IS NOT ALLOWED |
| | SURFACE SAND FILTER MEDIA |
| | EROSION CONTROL BLANKET TYPE 3N |
| | EROSION CONTROL BLANKET CAT 25N |
| | DRAINAGE SURFACE FLOW PATH (EOF) |
| | TEMPORARY SEDIMENT BASIN |
| | CONCRETE WASHOUT |



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Jerry G. Schimmel

DATE: 09-27-2022 LIC. NO: XXXXX

GRADING, DRAINAGE, & EROSION CONTROL PLAN

SCOTT COUNTY CDA
PROJECT - SHAKOPEE, MINNESOTA

WSB PROJECT NO.
019780-000

SHEET
CG-101

GRADING NOTES

1. RELOCATE BENCHMARKS AS NECESSARY WITH NEW BENCHMARK LOCATIONS WITHIN A TOLERANCE OF 0.010 VERTICAL FEET.
2. BUILDING FLOOR ELEVATION (FFE) AS INDICATED ON THE DRAWINGS CORRESPONDS TO ELEVATION 100'-0" ON ALL OTHER DISCIPLINE SHEETS (ARCHITECTURAL, STRUCTURAL, ETC).
3. THE PROPOSED GRADES SHOWN ON THE GRADING PLAN ARE FINISHED GRADES. SPOT ELEVATIONS ALONG CURB LINES REPRESENT THE FLOWLINE UNLESS OTHERWISE NOTED.
5. SPOT ELEVATIONS SHOWN AT CATCH BASINS ON THIS PLAN DO NOT REFLECT 2" CASTING SUMP.
6. GRADING ACTIVITY WHICH BLOCKS TRAFFIC OF ANY STREET, ALLEY, OR DRIVE IS SUBJECT TO APPROVAL BY THE CITY.
7. CONTRACTOR SHALL STOP WORK IMMEDIATELY AND NOTIFY THE ENGINEER AND OWNER IF CONTAMINANTS ARE FOUND IN THE EXISTING SOILS.
8. SIDEWALK CROSS-SLOPES SHALL NOT EXCEED 2.0% AND LONGITUDINAL SLOPES SHALL NOT EXCEED 5.0%.
9. IN AREAS WHERE NEW FILL IS TO BE PLACED ON SLOPING GROUND, BENCHING THE SURFACE SHALL BE COMPLETED PRIOR TO PLACING THE FILL. BENCHING SHALL BE COMPLETED WHERE SLOPES ARE STEEPER THAN 4:1 (HORIZONTAL:VERTICAL).
10. PROVIDE POSITIVE DRAINAGE AT ALL TIMES WITHIN THE CONSTRUCTION AREA. DO NOT ALLOW WATER TO POND IN EXCAVATION AREAS, AND MAINTAIN ALL EXISTING DRAINAGE PATTERNS.
11. UNLESS OTHERWISE NOTED, FINISH GRADE SHALL BE SIX INCHES BELOW FINISHED FLOOR IN NON-PAVED AREAS.
12. THE CONTRACTOR SHALL BE RESPONSIBLE TO COMPLY WITH ALL OSHA REGULATIONS IN THE EXECUTION OF WORK UNDER THIS CONTRACT.
13. THE CONTRACTOR SHALL APPLY FOR A CITY GRADING PERMIT BEFORE STARTING WORK. THE INSPECTOR AND THE CITY PUBLIC WORKS DEPARTMENT SHALL BE NOTIFIED BY THE CONTRACTOR 48 HOURS BEFORE START OF CONSTRUCTION. NO WORK MAY BEGIN UNTIL THE PERMIT HAS BEEN RECEIVED AND THE CONTRACTOR MUST COMPLY WITH THE TERMS OF THE PERMIT.
14. ALL NON-PAVED AREAS SHALL RECEIVE A FOUR-INCH (4") LAYER OF TOPSOIL.
15. THE CONTRACTOR SHALL ADJUST TO GRADE ALL MANHOLE STRUCTURES AND APPURTENANCES THAT FALL WITHIN THE LIMITS OF THIS CONTRACT. THE CONTRACTOR SHALL KEEP ALL SAID EXISTING UTILITIES AND THEIR APPURTENANCES FREE OF DEBRIS AND OPERABLE AT ALL TIMES DURING CONSTRUCTION. ALL PROPOSED STORM SEWER WITHIN THE SITE IS PRIVATE UNLESS OTHERWISE NOTED.
16. ALL GRADES WITHIN THE LANDSCAPED AREA SHALL NOT EXCEED 4 HORIZONTAL TO 1 VERTICAL AND HAVE A MINIMUM GRADE OF 2%, UNLESS OTHERWISE NOTED. GRADED SWALES MUST HAVE A MINIMUM BOTTOM SLOPE OF 2.0%.
17. ALL PAVEMENT GRADES SHALL BE AS FOLLOWS IN THE DIRECTION OF FLOW:
ASPHALT PAVEMENT - 1.5% MINIMUM, 5% MAXIMUM
CONCRETE PAVEMENT - 1% MINIMUM, 5% MAXIMUM
CONCRETE CURB AND GUTTER - 0.50% MINIMUM

EROSION CONTROL NOTES

1. A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IS INCLUDED WITH THIS PROJECT. FAILURE TO IMPLEMENT THE CONTROLS AND PRACTICES OUTLINED WOULD RESULT IN VIOLATION OF THE ENVIRONMENTAL PROTECTION ACT AND CLEAN WATER ACT AND IS GROUNDS FOR PENALTIES.
2. ESTABLISH SEDIMENT CONTROL MEASURES AT THE BEGINNING OF CONSTRUCTION AND MAINTAIN DURING THE ENTIRE LENGTH OF CONSTRUCTION. AREAS WHICH ARE SUBJECT TO SEVERE EROSION AND OFF-SITE AREAS WHICH ARE ESPECIALLY VULNERABLE TO DAMAGE FROM EROSION AND/OR SEDIMENTATION ARE TO BE IDENTIFIED AND RECEIVE ADDITIONAL EROSION AND SEDIMENT CONTROLS AS DIRECTED BY THE OWNER'S CONSTRUCTION REPRESENTATIVE. SILT FENCE SHALL BE INSTALLED PRIOR TO ANY REMOVALS.
3. LOCATIONS OF STABILIZED CONSTRUCTION ENTRANCES INDICATED ON PLANS ARE APPROXIMATE. CONTRACTOR SHALL ADJUST LOCATION AND SIZE OF ENTRANCES TO ACCOMMODATE CONSTRUCTION VEHICLES AND ACTIVITIES.
4. COORDINATE ALL LAND DISTURBING ACTIVITIES AND CONDUCT SO AS TO MINIMIZE THE SIZE OF THE AREA TO BE EXPOSED AT ANY ONE TIME AND MINIMIZE THE TIME OF EXPOSURE. MASS CLEARING AND GRADING OF THE ENTIRE SITE SHOULD BE AVOIDED. COORDINATE ALL LAND DISTURBING ACTIVITIES SO AS TO MINIMIZE OFF-SITE SEDIMENTATION DAMAGE. RESTABILIZE DISTURBED AREAS AS SOON AS POSSIBLE AFTER CONSTRUCTION IS COMPLETED.
5. PERIODICALLY CLEAN OUT AND DISPOSE OF ALL SEDIMENT ONCE THE STORAGE CAPACITY OF THE DRAINAGE FEATURE OR STRUCTURE RECEIVING THE SEDIMENT IS REDUCED BY ONE-HALF. CLEAN OUT AND DISPOSE OF ALL SEDIMENT AT THE COMPLETION OF THE PROJECT. ALL STREETS IN AND ADJACENT TO THE PROJECT SHALL REMAIN CLEAN AND PASSABLE AT ALL TIMES. ANY SEDIMENT OR DEBRIS SHALL BE REMOVED WITHIN 24 HOURS, OR AS OFTEN AS NEEDED TO ENSURE PUBLIC SAFETY.
6. INLET PROTECTION WILL BE INSTALLED AT ALL CATCH BASINS WITHIN THE PROJECT AREA. THE CONTRACTOR SHALL PROVIDE APPROPRIATE EROSION CONTROL DEVICES FOR STOCKPILE AREAS, INLETS, AND DITCHES MUST BE STABILIZED WITHIN 200 LINEAL FEET FROM THE PROPERTY EDGE, OR FROM THE POINT OF DISCHARGE TO ANY SURFACE WATER. STABILIZATION MUST BE COMPLETED WITHIN 24 HOURS OF CONNECTING TO SURFACE WATER.
7. REMOVE THE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AND VERIFY THE CLEANING OUT OF ALL STORM DRAINAGE STRUCTURES, INCLUDING FLUMES, PIPES, AND DITCHES ONCE FINAL STABILIZATION HAS OCCURRED.
8. PIPE OUTLETS NEED TEMPORARY OR PERMANENT ENERGY DISSIPATION WITHIN 24 HOURS OF GOING ONLINE.
9. WHEN DEWATERING IS REQUIRED, CONTRACTOR MUST SUBMIT A DEWATERING PLAN TO THE ENGINEER FOR APPROVAL AT LEAST 10 DAYS PRIOR TO THE PROPOSED DEWATERING ACTIVITY. THE PLAN MUST INCLUDE A DEWATERING SYSTEM PRIOR TO DISCHARGING INTO RECEIVING WATER. THE DEWATERING PLAN MUST ENSURE THAT THE DISCHARGE WATER IS FREE OF SEDIMENT AND TURBID WATER.
10. ADDITIONAL EROSION AND SEDIMENT CONTROLS MAY BE ADDED DURING ANY PHASE OF CONSTRUCTION AS DIRECTED BY THE ENGINEER.
11. THE CONTRACTOR SHALL PROVIDE PERIMETER CONTROL DAY - TO - DAY AT DISTURBED, UNSTABILIZED AREAS WHERE EROSION OR SEDIMENTATION COULD BE A PROBLEM. THE ENGINEER SHALL DIRECT THE CONTRACTOR AS TO WHERE PLACEMENT OF PERIMETER CONTROL WILL BE REQUIRED.
12. THE CONTRACTOR MUST COMPLY WITH ALL NOISE AND DUST CONTROL ORDINANCES OF THE CITY.

TEMPORARY EROSION AND SEDIMENT CONTROL PROVISIONS	
ITEM	
SILT FENCE, PERIMETER CONTROLS	PRIOR TO CONSTRUCTION AND IMMEDIATELY AS DICTATED
COVER CROPS	MnDOT SEED MIX 21-111 (SPEC 3876) 100 lbs/ac.
EROSION CONTROL BLANKET	EROSION CONTROL BLANKET CATEGORY 3N/2S (WOOD FIBER)
INLET PROTECTION	PER STANDARD DETAILS
	(LESS THAN 4:1) - TYPE 1 MULCH, DISC ANCHORED. (GREATER THAN 4:1) - STABILIZED FIBER MATRIX @ 3,000 lbs/ac. IF BLANKET CANNOT BE INSTALLED WITHIN 14 DAYS.
EROSION & SEDIMENT CONTROL MAINTENANCE	WEEKLY INSPECTION & AFTER EACH RAIN EVENT-CORRECTIVE WORK AS NECESSARY

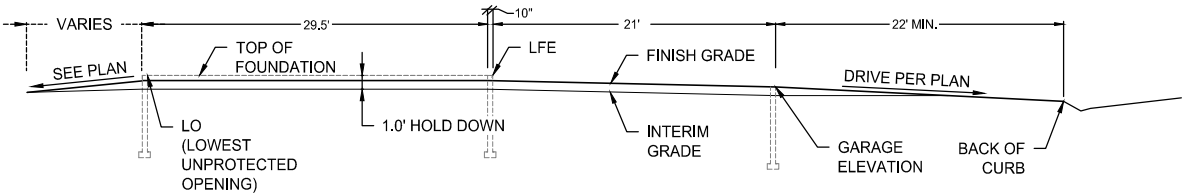
ALSO SEE INSPECTION AND MAINTENANCE REQUIREMENTS CONTAINED IN GENERAL PROVISIONS OF SWPPP.

PERMANENT EROSION AND SEDIMENT CONTROL PROVISIONS	
	SCHEDULE
PERMANENT COVER - ALL OTHER DISTURBED AREAS	TYPE 1 STRAW MULCH WITH DISC ANCHOR AND STATE SEED MIX 25-131 (LOW MAINTENANCE TURF GRASS STABILIZATION) @ 220 lbs/ac WITH FERTILIZER TYPE 3 (SLOW RELEASE; 22-5-10) @ 350 lbs/ac. UNLESS BLANKET IS SPECIFIED ON PLANS. OR SOD WITH FERTILIZER TYPE 3 (SLOW RELEASE; 22-5-10) @ 200 lbs/ac
STORMWATER POND SLOPE	EROSION CONTROL BLANKET CATEGORY 3N/2S (WOOD FIBER) WITH STATE SEED MIX 33-261 @ 35 lbs/ac. WITH TYPE 4 FERTILIZER (NATURAL BASED; 18-1-8) @ 150 lbs/ac.
PERMANENT COVER - BLANKETED AREAS	EROSION CONTROL BLANKET CATEGORY 3N/2S (WOOD FIBER) WITH STATE SEED MIX 35-241 @ 36.5 lbs/ac WITH TYPE 4 FERTILIZER (NATURAL BASED; 18-1-8) @ 150 lbs/ac.

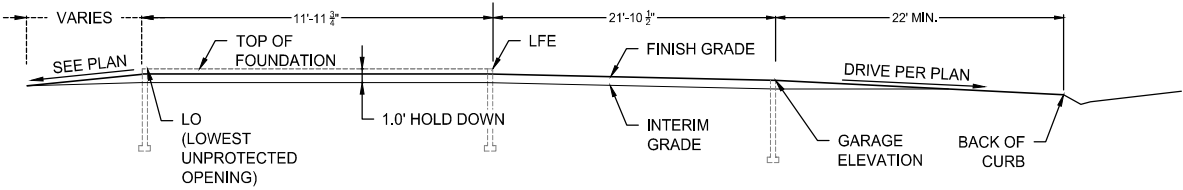
ALSO SEE INSPECTION AND MAINTENANCE REQUIREMENTS CONTAINED IN GENERAL PROVISIONS OF SWPPP.

EARTHWORK	
UNADJUSTED CUT	0 CY
UNADJUSTED FILL	CY
NET CUT	CY
THIS IS AN ENGINEER'S ESTIMATE AND DOES NOT INCLUDE HOLD DOWNS OR ANY REQUIRED SOILS CORRECTIONS. CONTRACTOR RESPONSIBLE FOR VERIFYING ACTUAL REQUIRED EARTHWORK FOR SITE.	

TABULATION OF PROJECT AREAS	
TOTAL PROJECT AREA (DISTURBED)	0 ACRES
IMPERVIOUS BEFORE DEVELOPMENT	0 ACRES
IMPERVIOUS AFTER DEVELOPMENT	0 ACRES



TYPICAL SOG HOLD DOWN GRADE DETAIL TOWNHOME
CG-102 SCALE: NOT TO SCALE



TYPICAL SOG HOLD DOWN GRADE DETAIL MANOR HOME
CG-102 SCALE: NOT TO SCALE

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PLAN BY: CHECK BY:
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Jerry G. Schimmel

DATE: 08-27-2022 LIC. NO. XXXXX

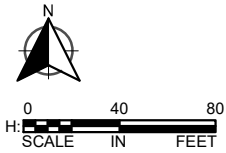
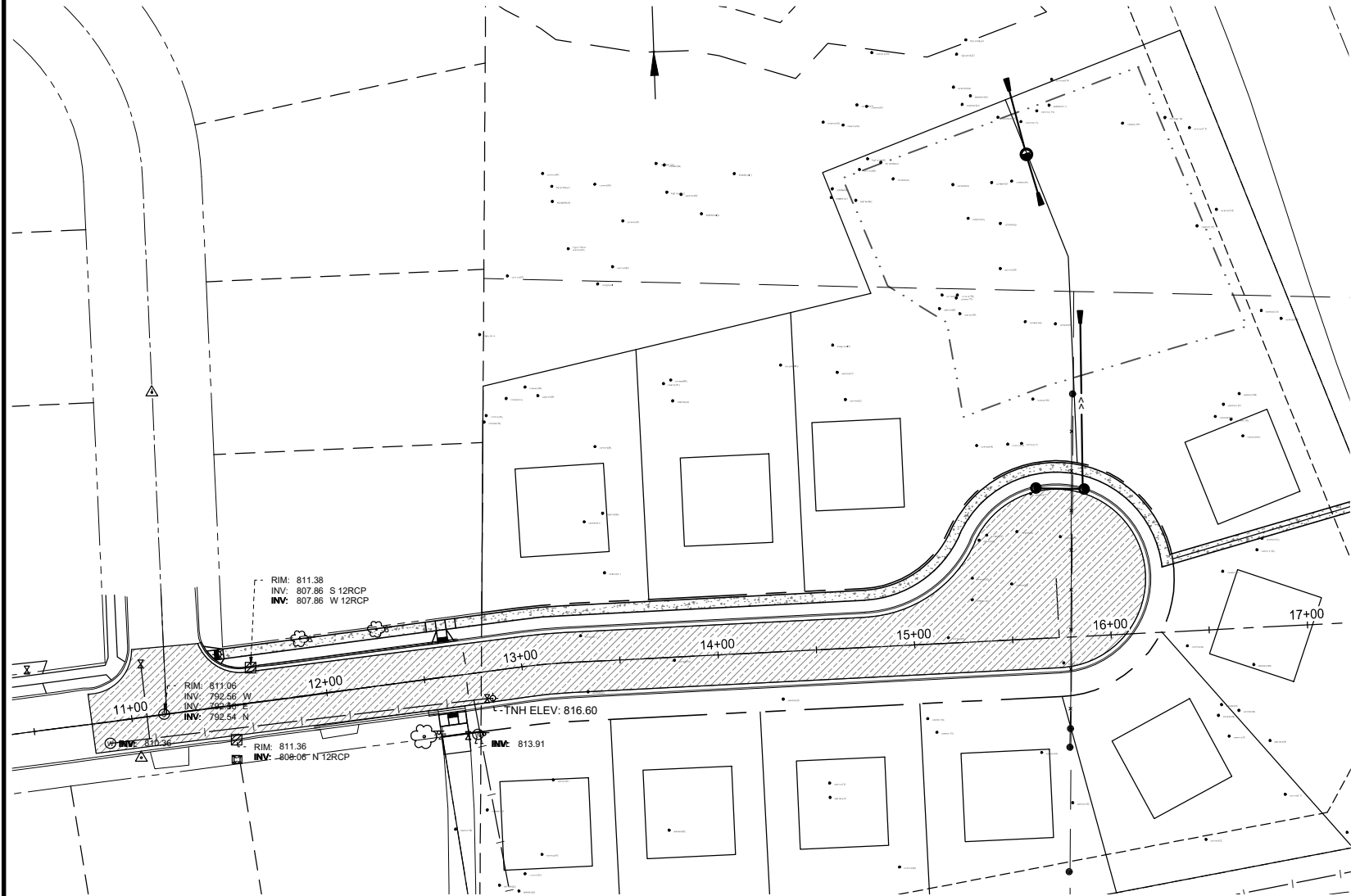
GRADING NOTES

SCOTT COUNTY CDA
PROJECT - SHAKOPEE, MINNESOTA

WSB PROJECT NO.
019780-000

SHEET
CG-102

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LEGEND

- PROPOSED CURB AND GUTTER
- PROPOSED BITUMINOUS (EDGE)
- EXISTING STORM SEWER PIPE
- EXISTING STORM STRUCTURE
- PROPOSED STORM SEWER PIPE
- PROPOSED DRAINAGE STRUCTURE
- PROPOSED DRAIN TILE PIPE
- PROPOSED BITUMINOUS ROAD/ TRAIL
- PROPOSED CONCRETE DRIVEWAY/ WALK
- PROPOSED TRUNCATED DOMES
- PROPOSED SPOT ELEVATION
- EXISTING SPOT ELEVATION



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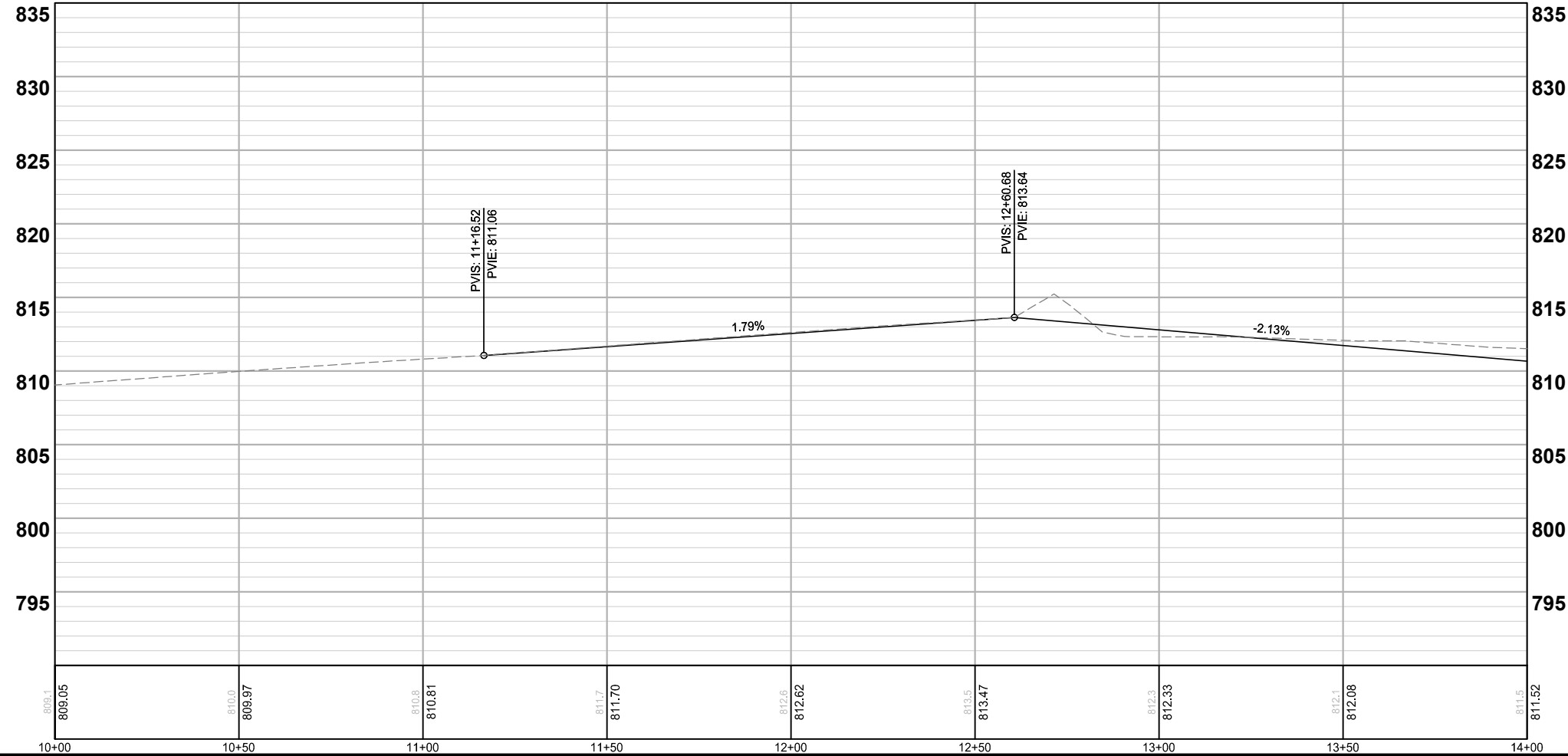
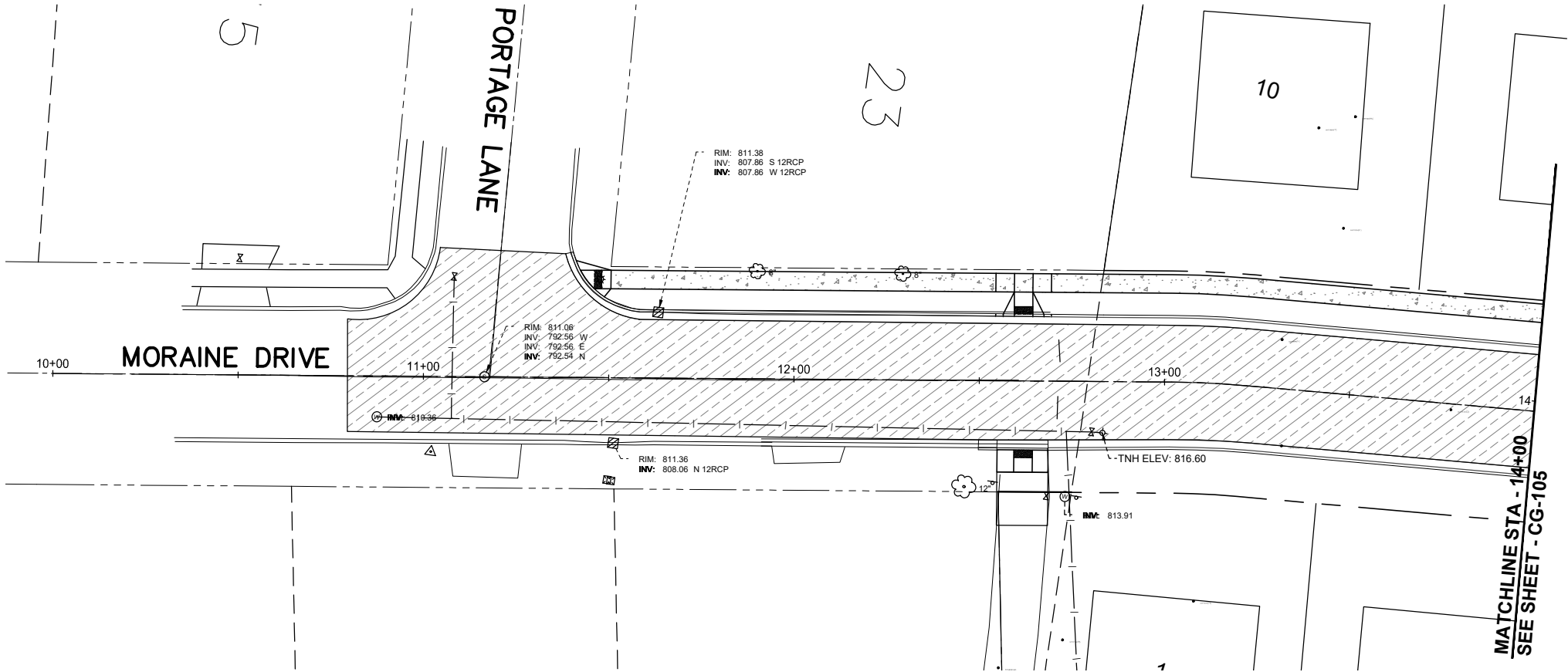
Jerry G. Schimmel
DATE: 05-27-2022 LIC. NO. XXXXX

CG-103
OVERALL
STREET &
STORM PLAN
AND PROFILE

SCOTT COUNTY CDA
PROJECT - SHAKOPEE, MINNESOTA

WSB PROJECT NO.
019780-000
SHEET

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LOCATION



LEGEND

- PROPOSED CURB AND GUTTER
- PROPOSED BITUMINOUS (EDGE)
- EXISTING STORM SEWER PIPE
- EXISTING STORM STRUCTURE
- PROPOSED STORM SEWER PIPE
- PROPOSED DRAINAGE STRUCTURE
- PROPOSED DRAIN TILE PIPE
- PROPOSED BITUMINOUS ROAD/ TRAIL
- PROPOSED CONCRETE DRIVEWAY/ WALK
- PROPOSED TRUNCATED DOMES
- PROPOSED SPOT ELEVATION
- EXISTING SPOT ELEVATION



SCALE: AS SHOWN
PLAN BY: SJH
DESIGN BY: SJH
CHECK BY: JGS

REVISIONS

NO.	DATE	DESCRIPTION

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Jerry G. Schimmel

DATE: 05-27-2022 LIC. NO. XXXXX

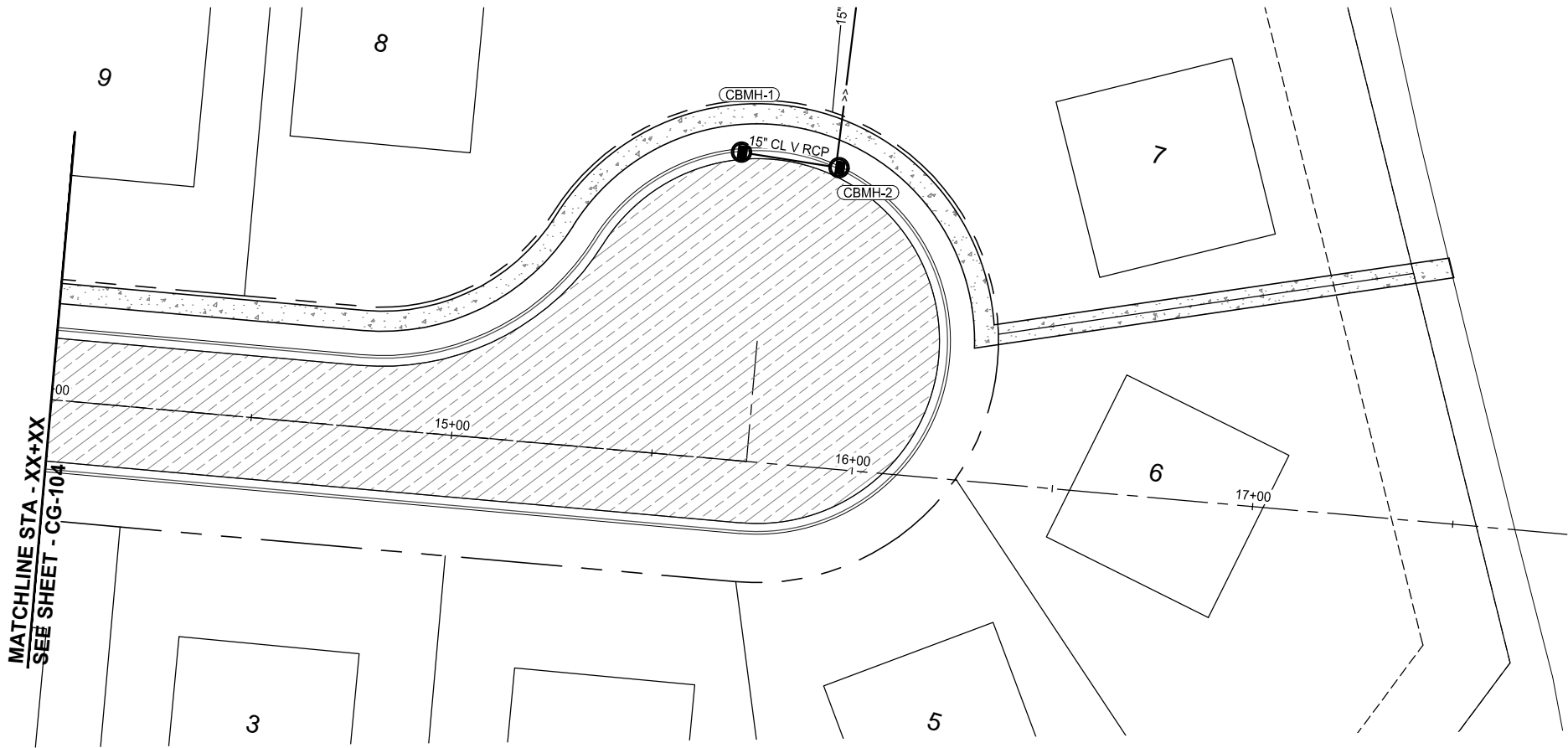
STREET & STORM PLAN AND PROFILE

SCOTT COUNTY CDA
PROJECT - SHAKOPEE, MINNESOTA

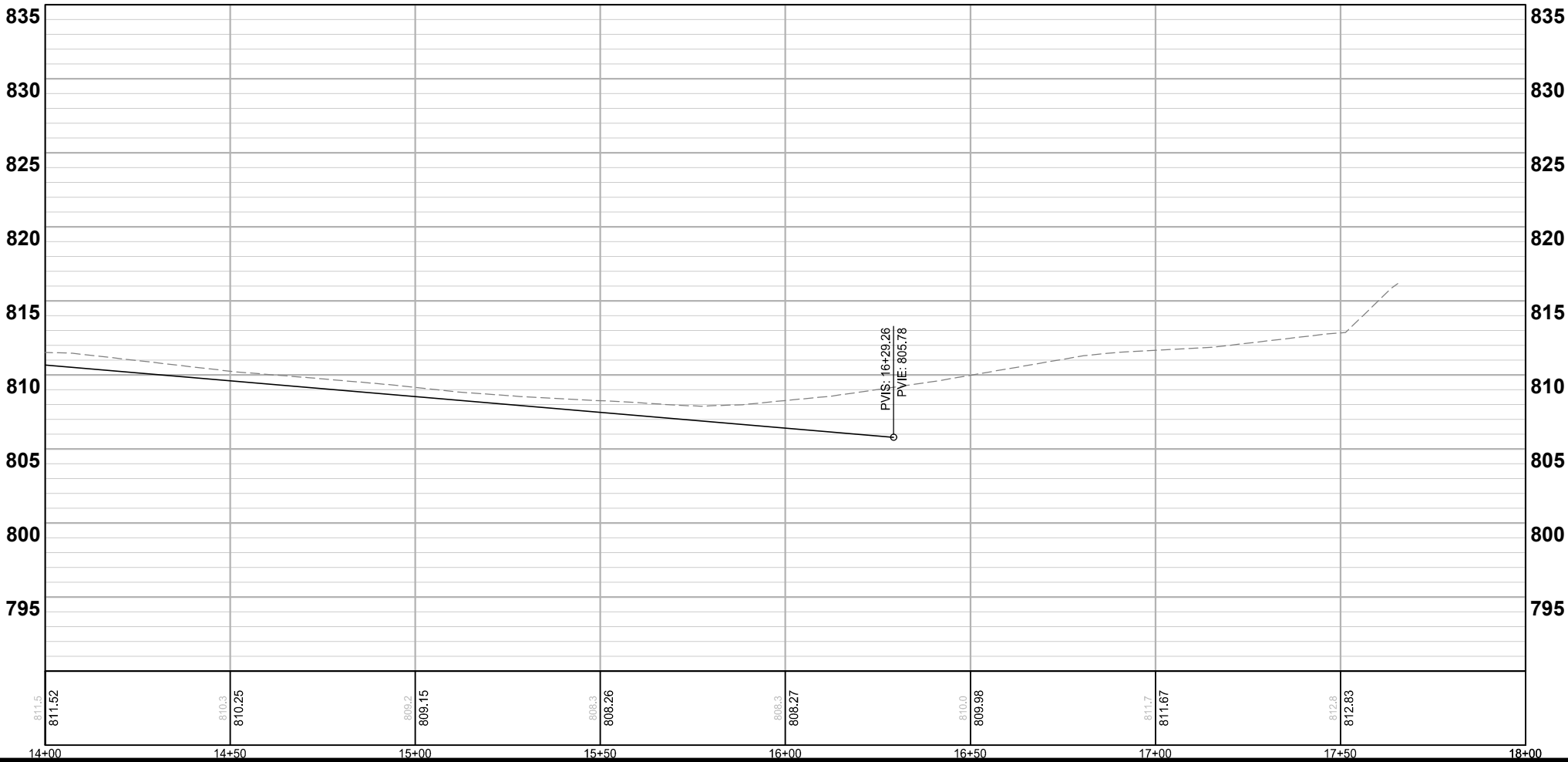
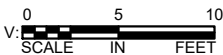
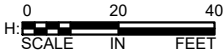
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019780-000

SHEET
CG-104

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LOCATION



LEGEND

- PROPOSED CURB AND GUTTER
- PROPOSED BITUMINOUS (EDGE)
- EXISTING STORM SEWER PIPE
- EXISTING STORM STRUCTURE
- PROPOSED STORM SEWER PIPE
- PROPOSED DRAINAGE STRUCTURE
- PROPOSED DRAIN TILE PIPE
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- PROPOSED CONCRETE DRIVEWAY/ WALK
- PROPOSED TRUNCATED DOMES
- PROPOSED SPOT ELEVATION
- EXISTING SPOT ELEVATION



SCALE: DESIGN BY:
AS SHOWN SJH
PLAN BY: CHECK BY:
SJH JGS

REVISIONS

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Jerry G. Schimmel

DATE: 05-27-2022 LIC. NO. XXXXX

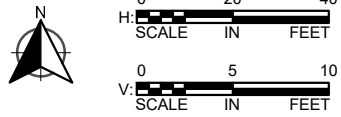
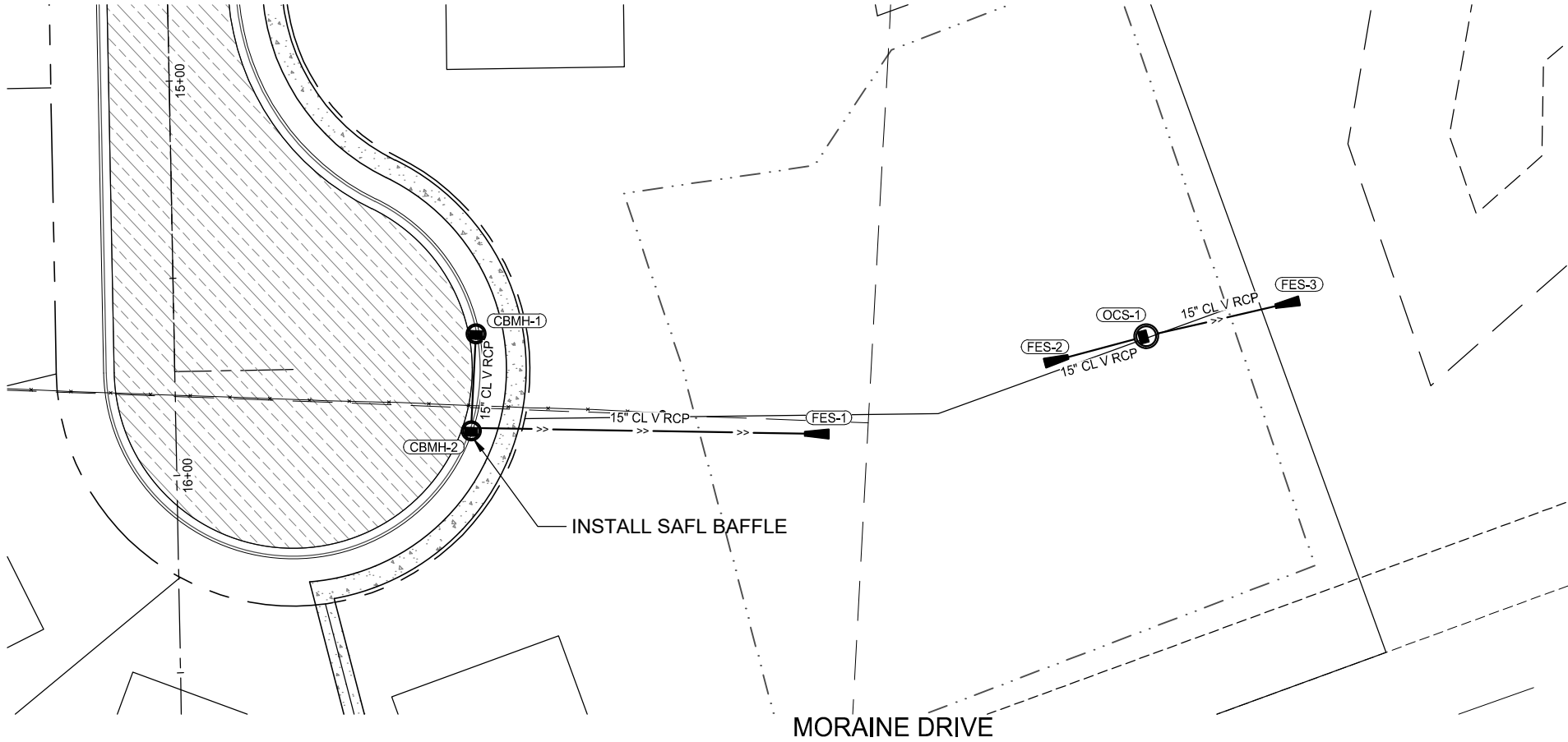
STREET &
STORM PLAN
AND PROFILE

SCOTT COUNTY CDA
PROJECT - SHAKOPEE, MINNESOTA

WSB PROJECT NO.
019780-000

SHEET
CG-105

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REVISIONS

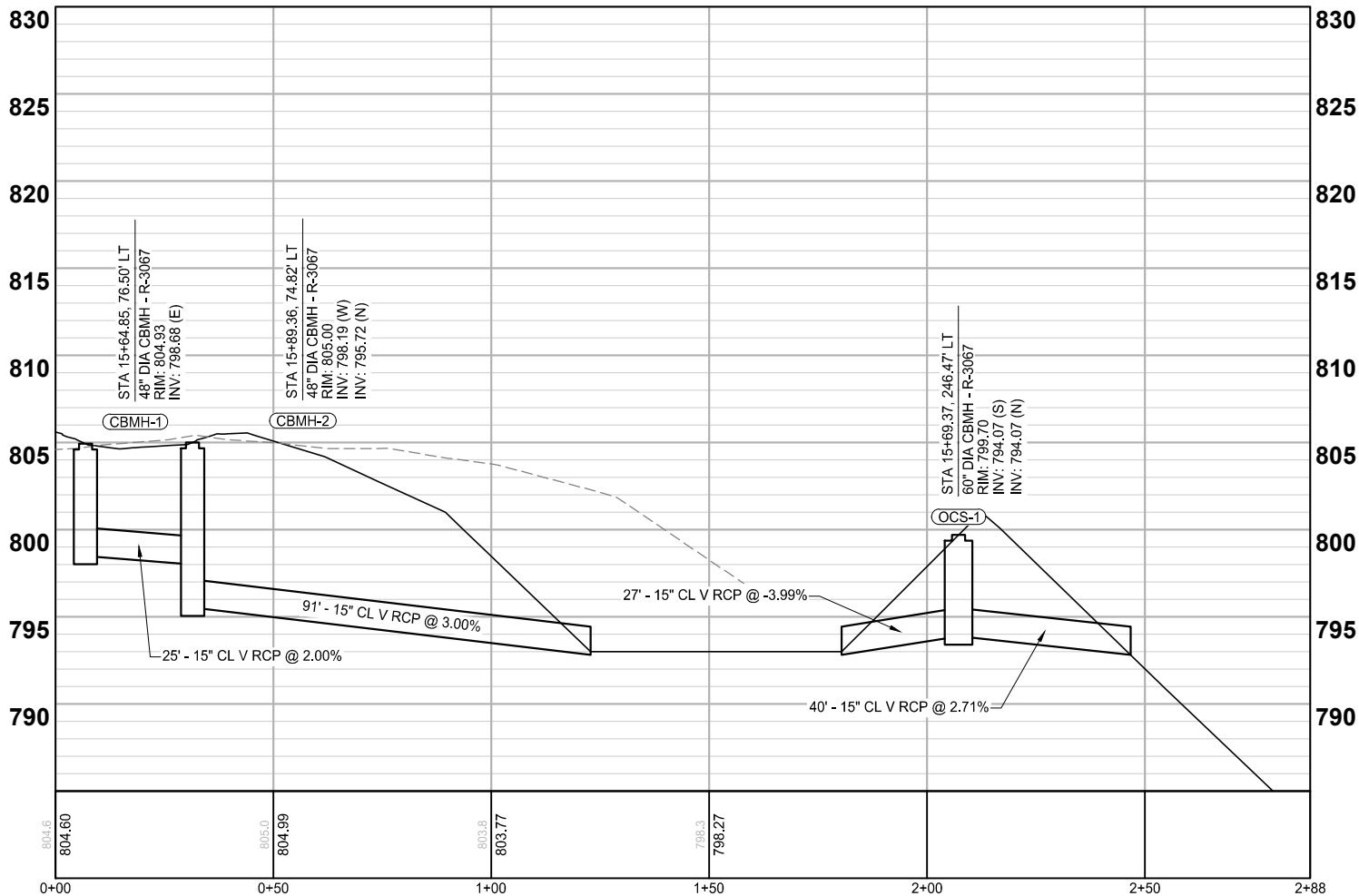
NO.	DATE	DESCRIPTION

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Jerry G. Schimmel

DATE: 05-27-2022 LIC. NO. XXXXX

STREET &
STORM PLAN
AND PROFILE



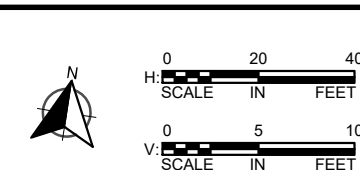
LEGEND

- PROPOSED CURB AND GUTTER
- PROPOSED BITUMINOUS (EDGE)
- EXISTING STORM SEWER PIPE
- EXISTING STORM STRUCTURE
- PROPOSED STORM SEWER PIPE
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- PROPOSED TRUNCATED DOMES
- PROPOSED SPOT ELEVATION
- EXISTING SPOT ELEVATION

SCOTT COUNTY CDA
PROJECT - SHAKOPEE, MINNESOTA

WSB PROJECT NO.
019780-000

SHEET
CG-106



wsb

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 DESIGN BY: SJH
 CHECK BY: JGS

[illegible]

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 LAWS OF THE STATE OF MINNESOTA.

 Jerry G. Schimmel

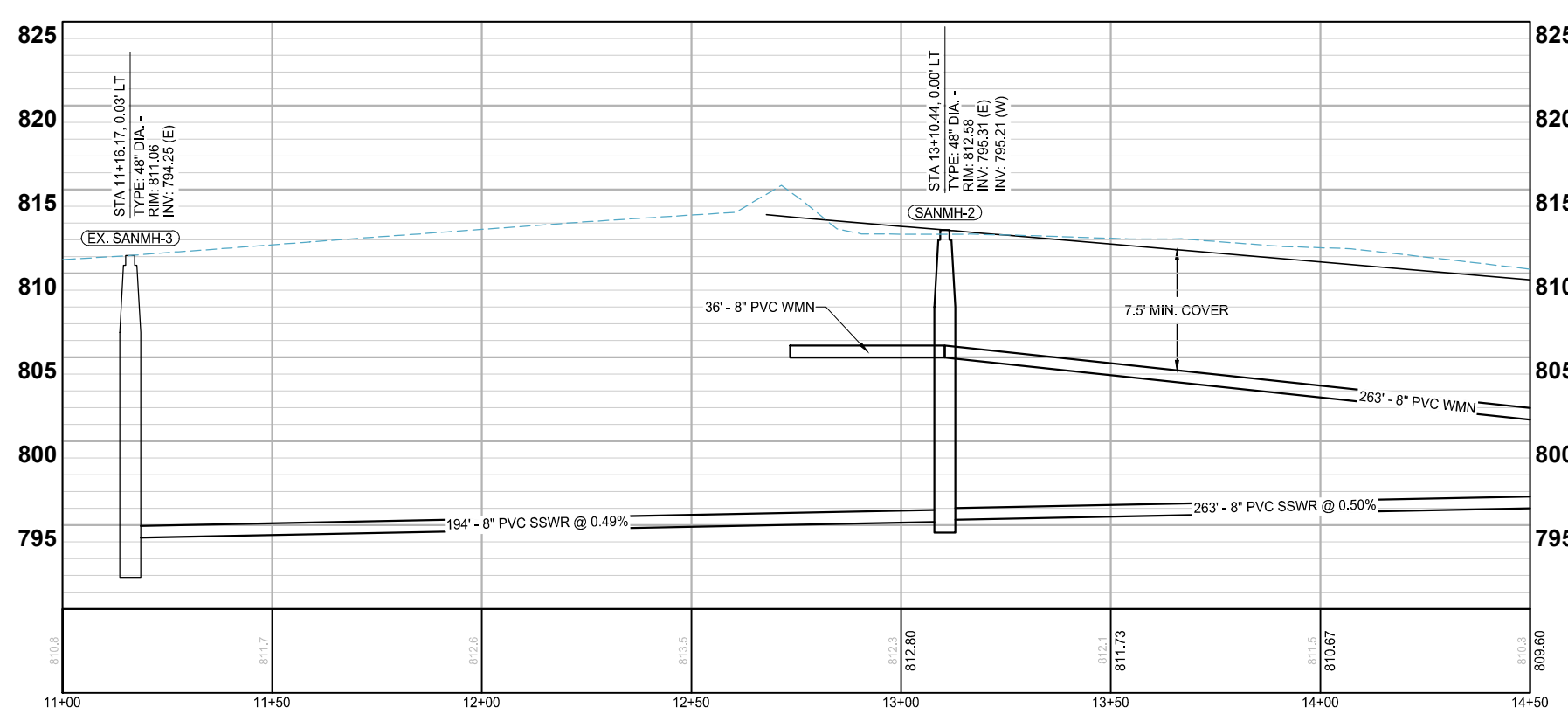
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STREET UTILITY PLAN AND PROFILE

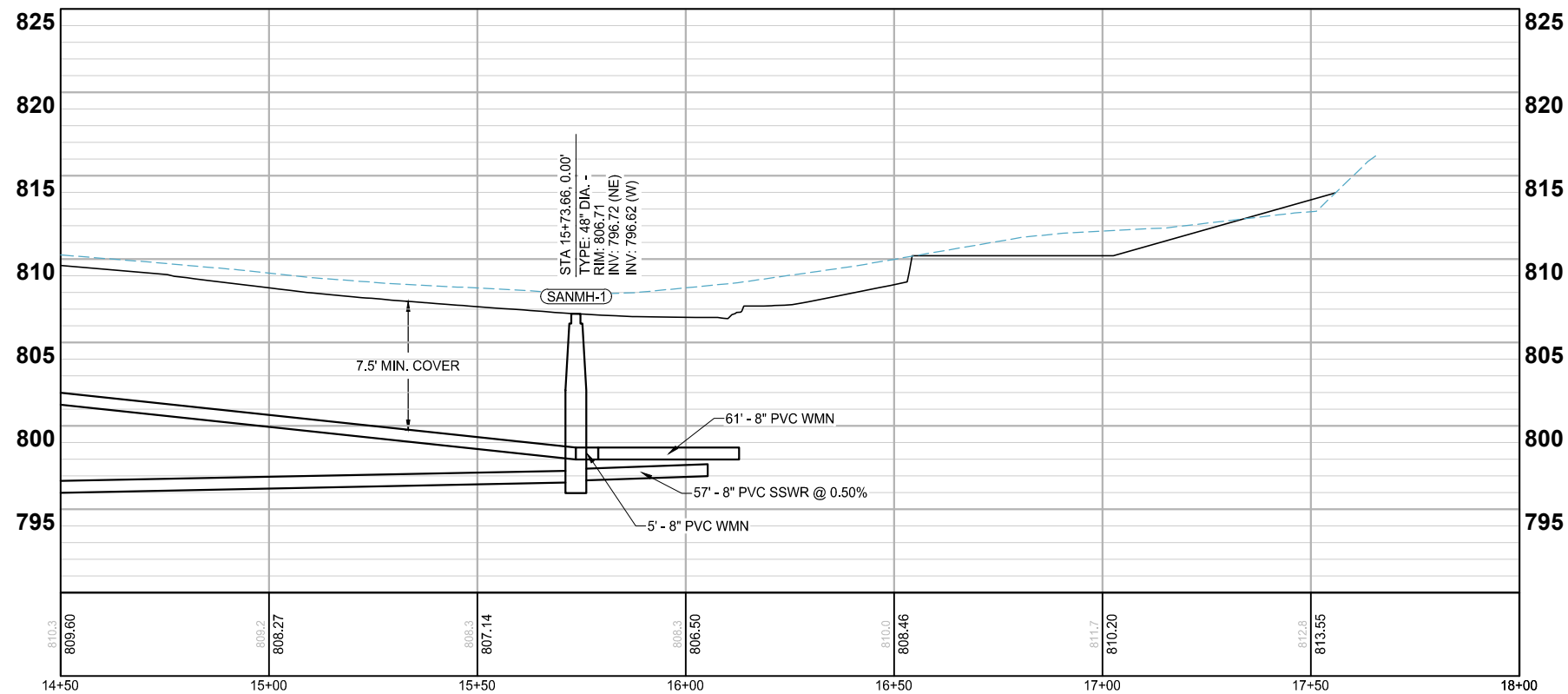
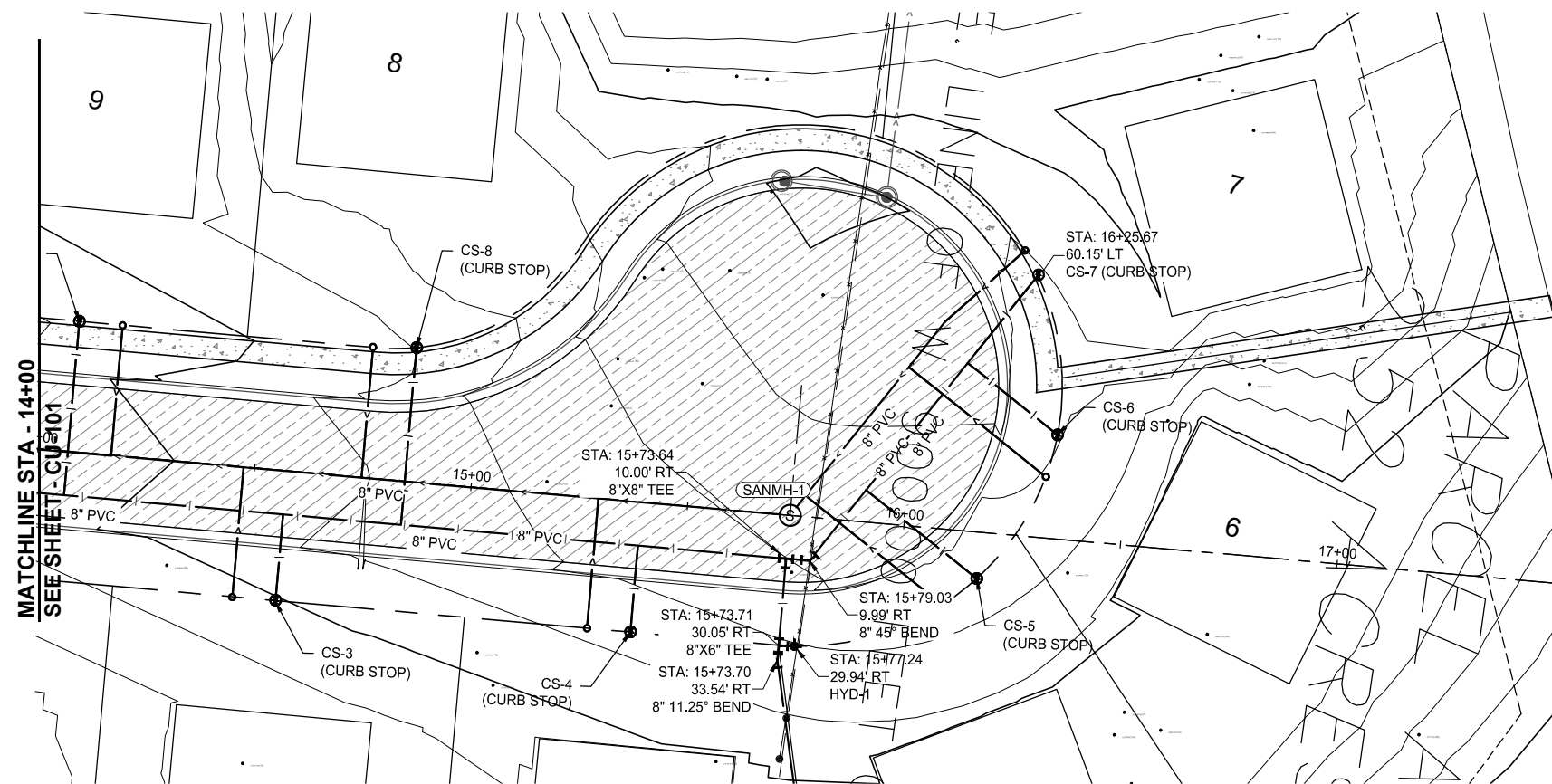
SCOTT COUNTY CDA
PROJECT - SHAKOPEE, MINNESOTA

WSB PROJECT NO.
019780-000

SHEET
CU-101



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SCALE:	DESIGN BY:
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PLAN BY:	CHECK BY:
SJH	JGS

[illegible]

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 Jerry G. Schimmel

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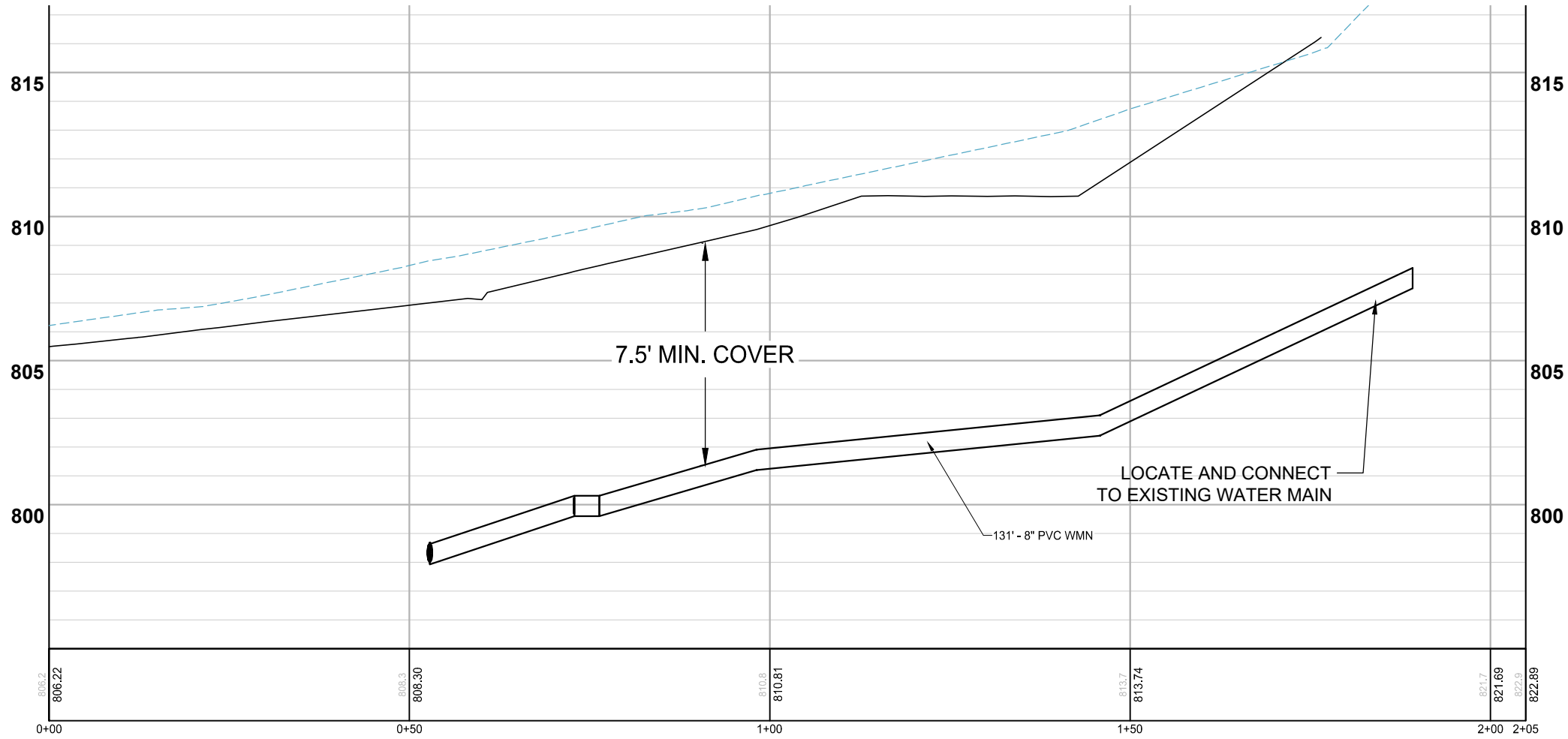
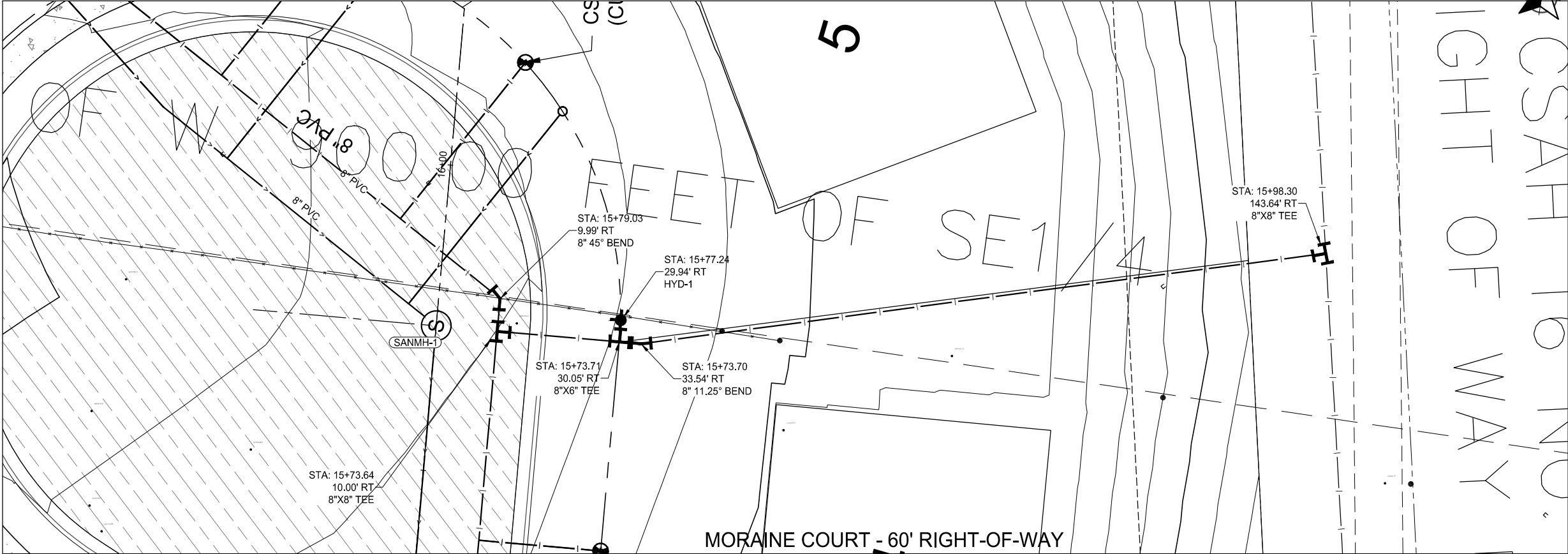
STREET UTILITY PLAN AND PROFILE

SCOTT COUNTY CDA
PROJECT - SHAKOPEE, MINNESOTA

WSB PROJECT NO.
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SHEET
CU-102

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SCALE: AS SHOWN

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PLAN BY: SJH

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REVISIONS	
NO.	DESCRIPTION

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Jerry G. Schimmel

DATE: 05-27-2022 LIC. NO: XXXXX

STREET UTILITY PLAN AND PROFILE

SCOTT COUNTY CDA

PROJECT - SHAKOPEE, MINNESOTA

WSB PROJECT NO. 019780-000

SHEET CU-103

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Jerry G. Schimmel

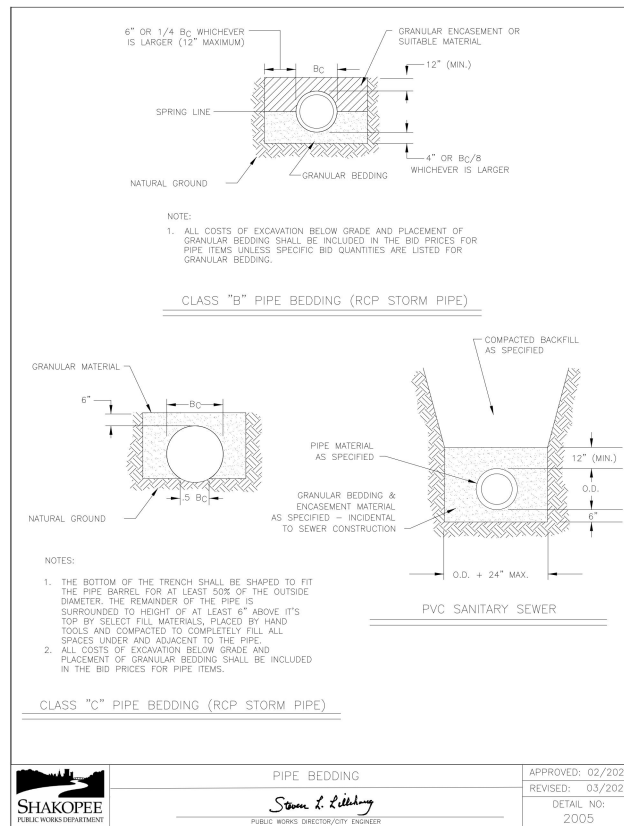
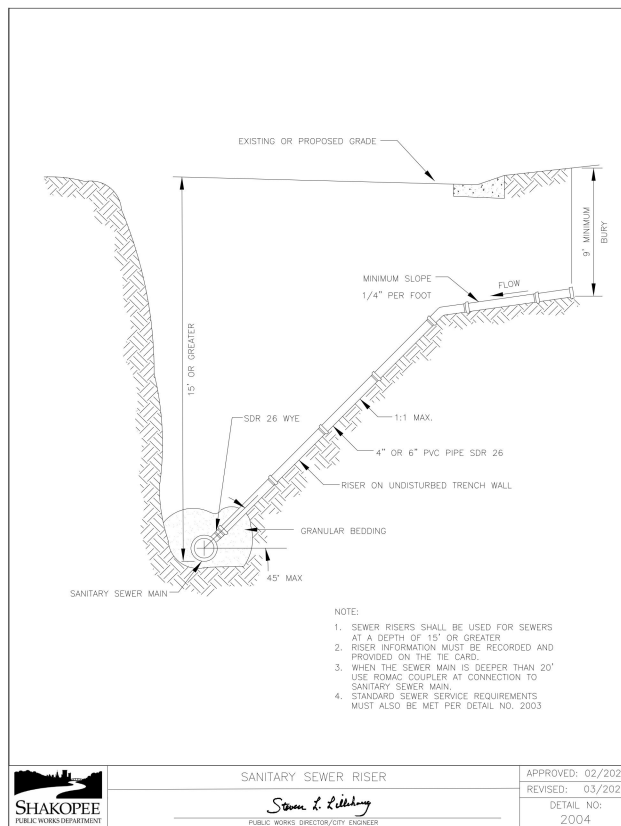
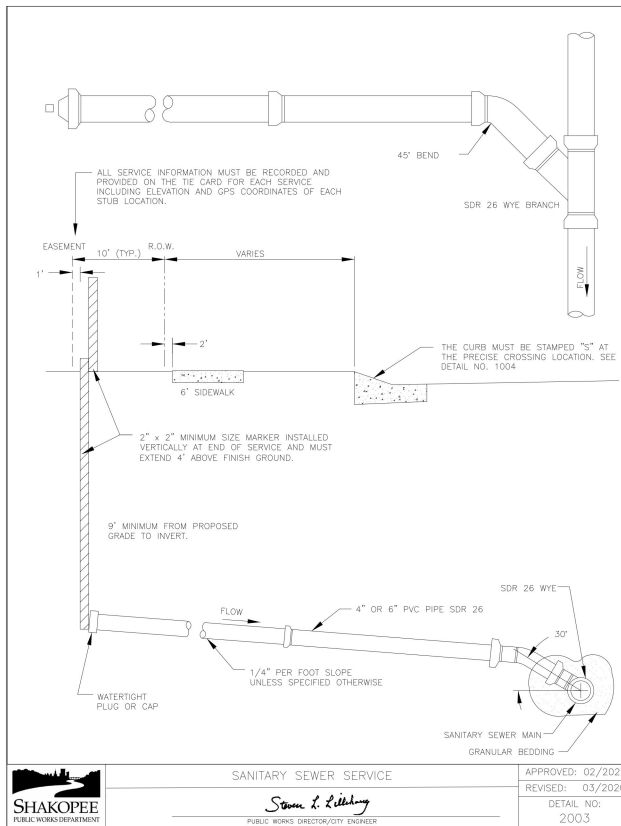
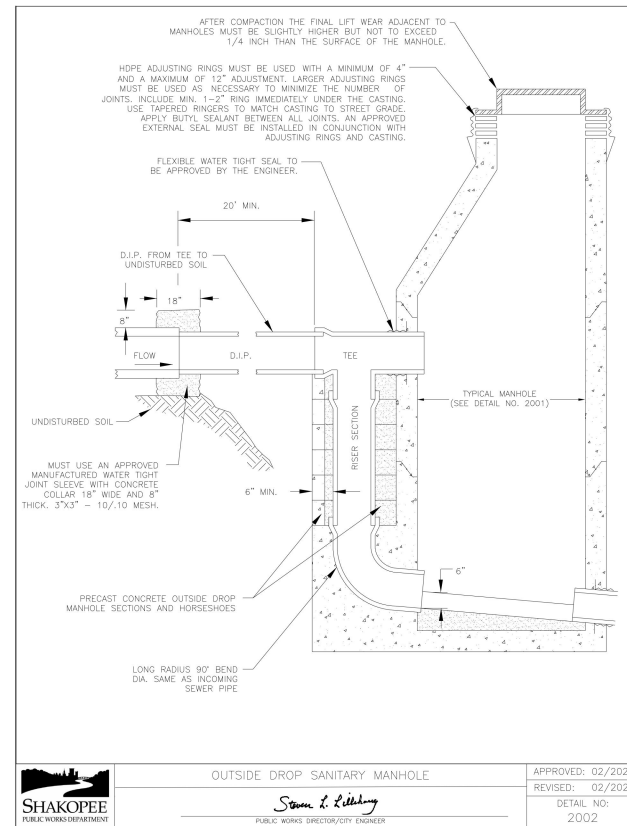
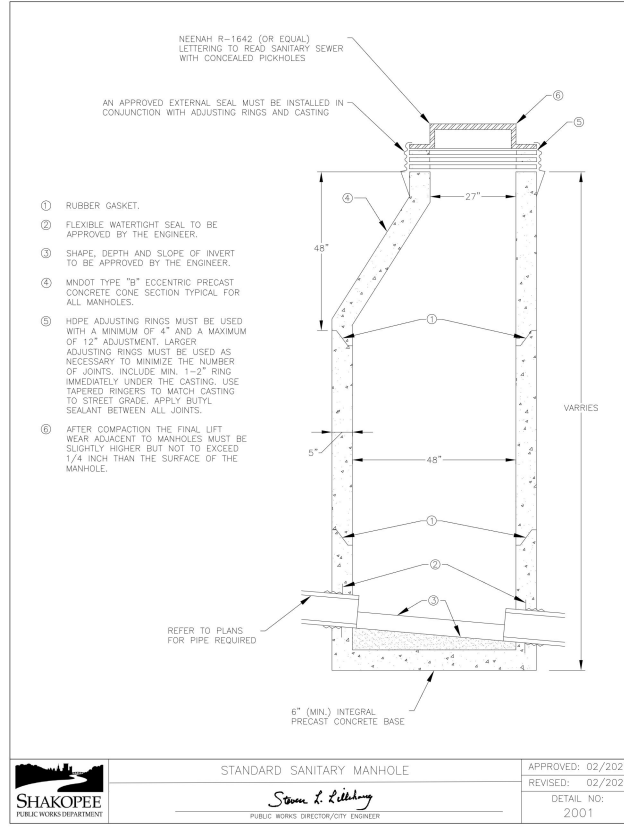
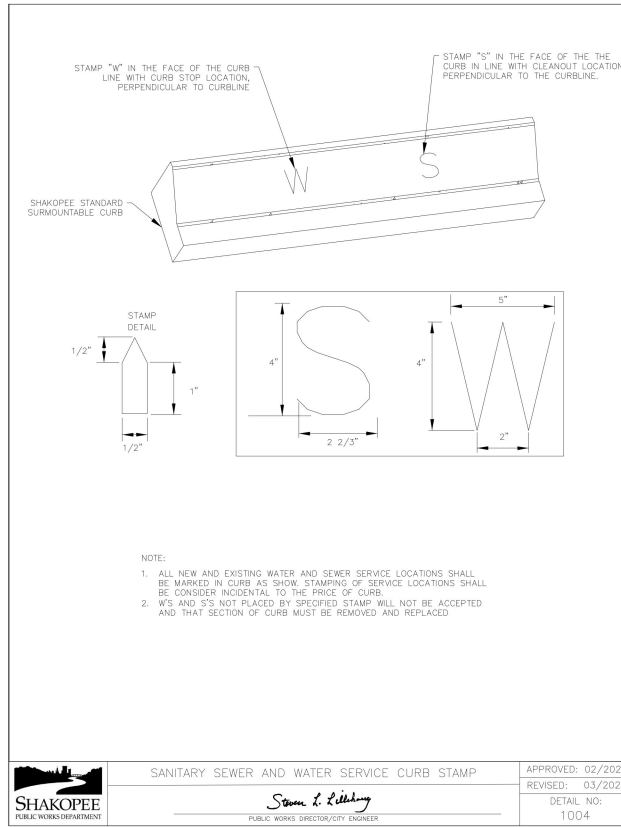
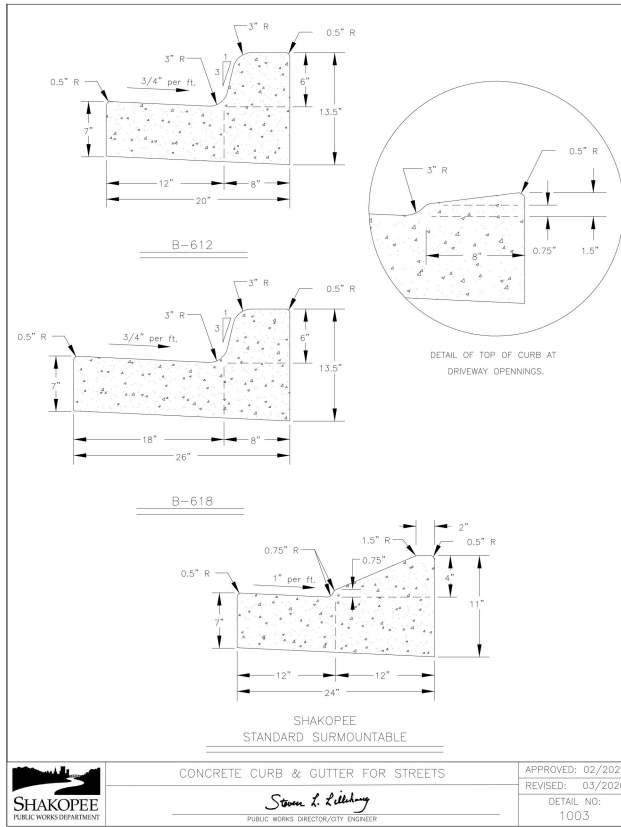
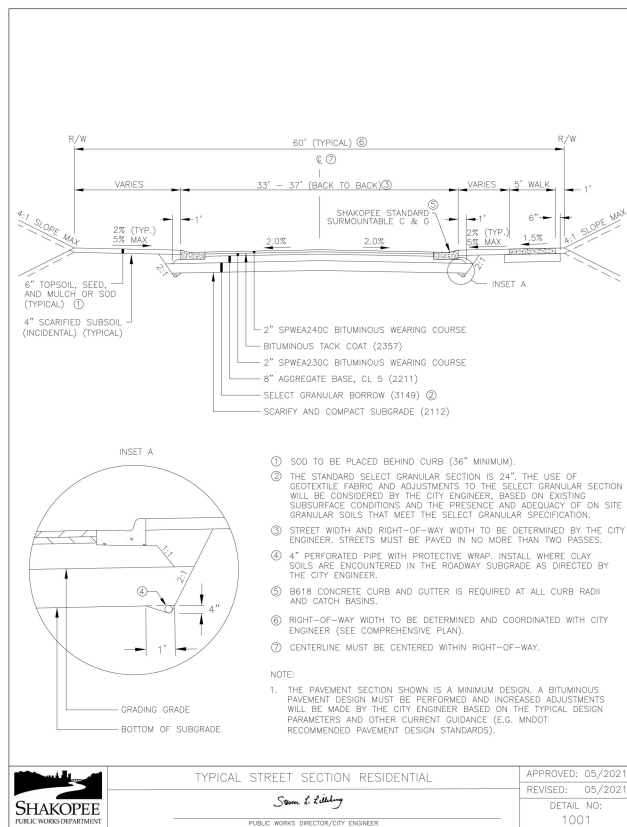
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CIVIL DETAILS

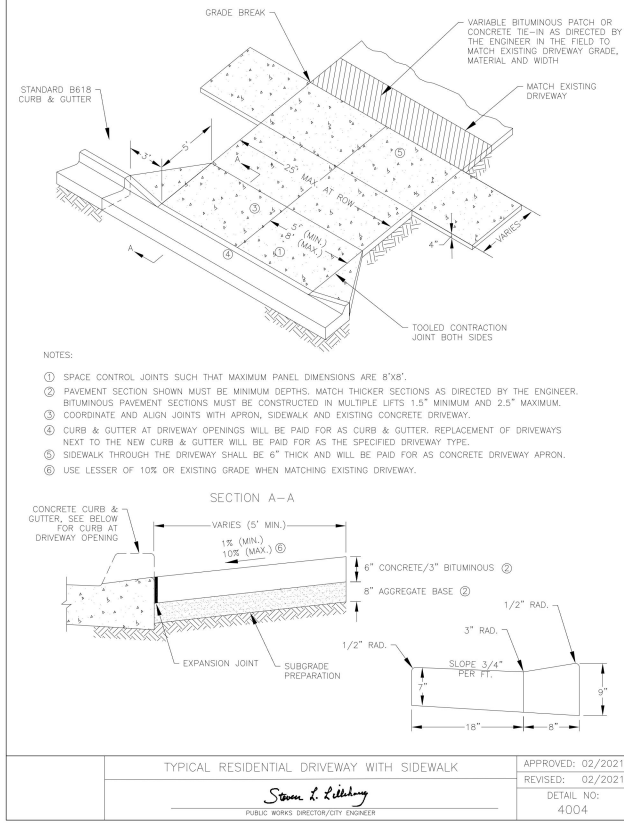
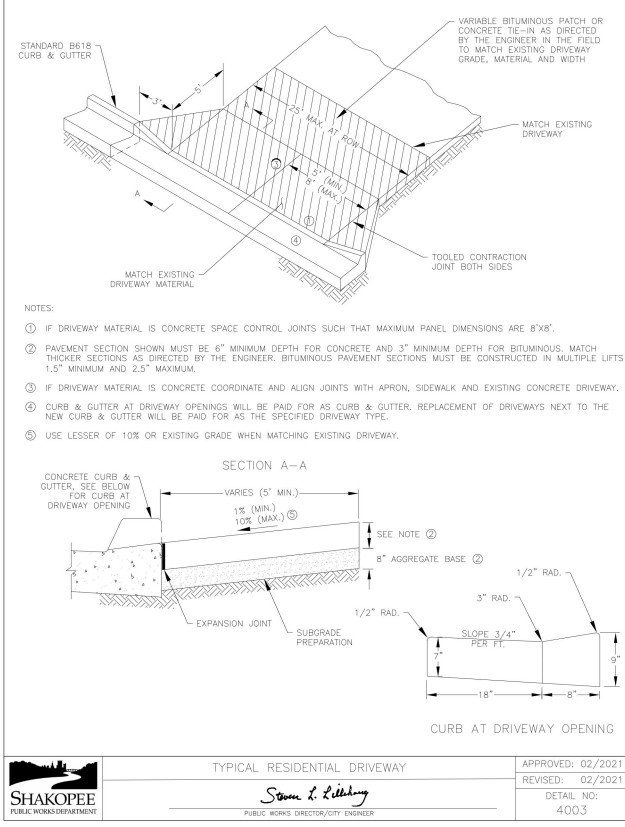
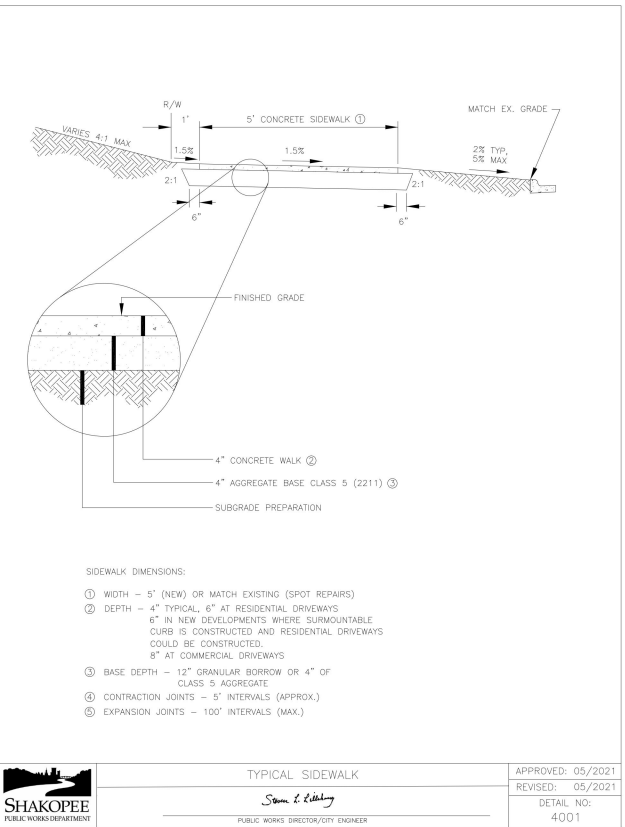
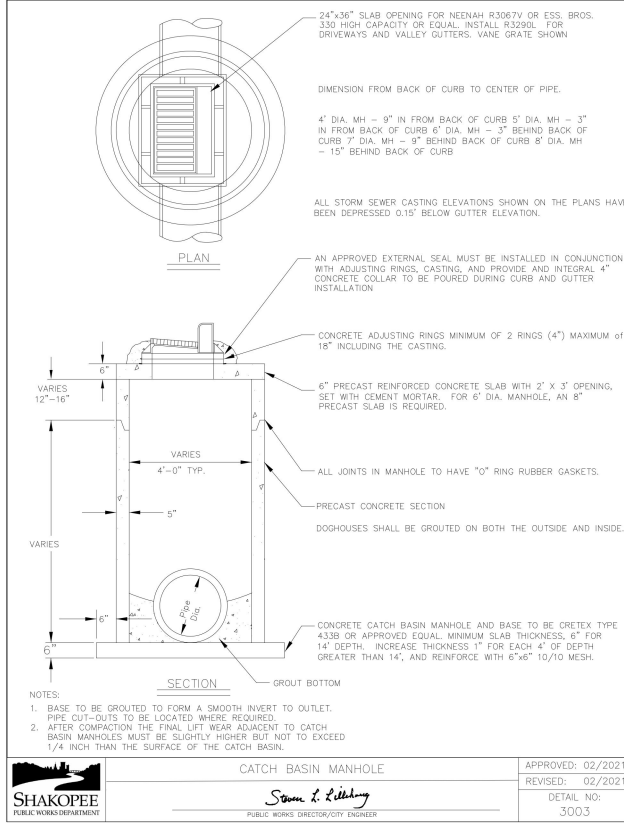
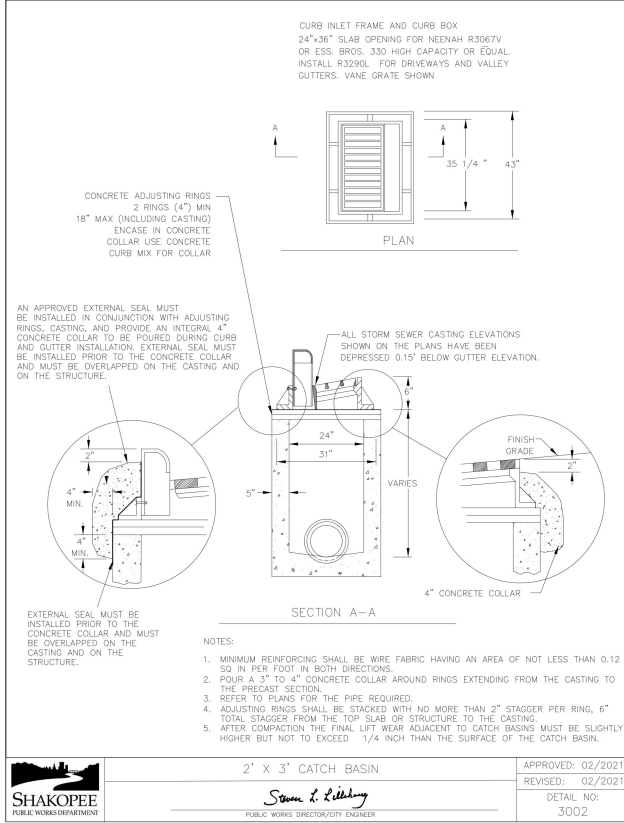
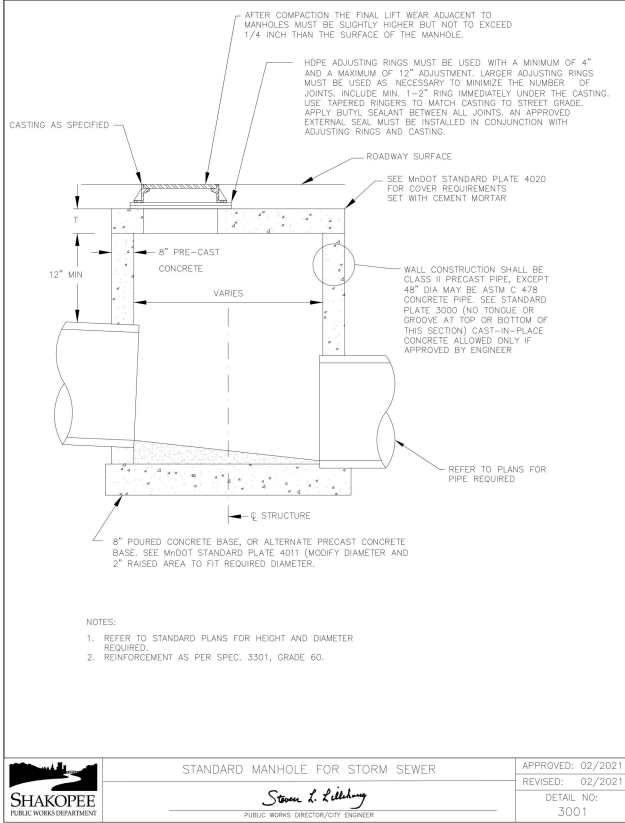
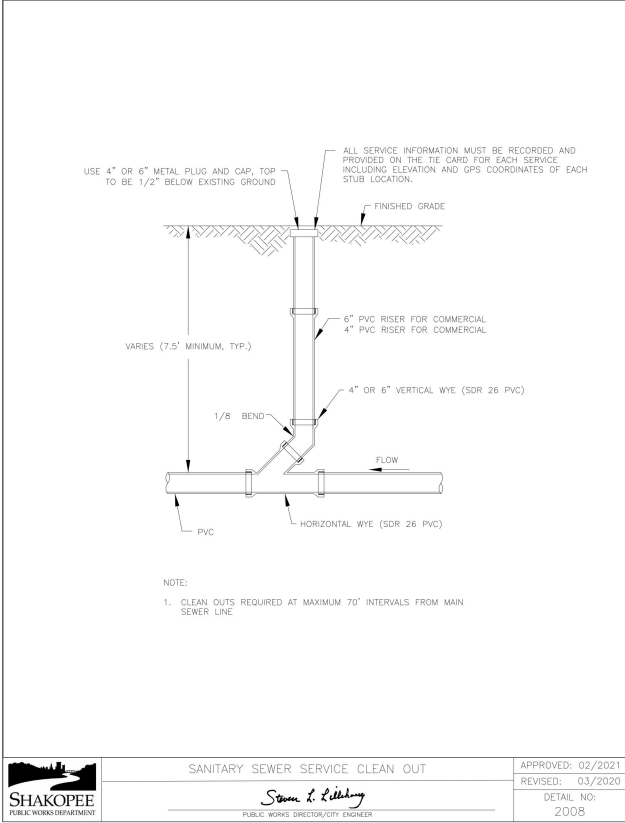
SCOTT COUNTY CDA
PROJECT - SHAKOPEE, MINNESOTA

WSB PROJECT NO.
019780-000

SHEET
CS-501



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REVISIONS

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CIVIL DETAILS

SCOTT COUNTY CDA
PROJECT - SHAKOPEE, MINNESOTA