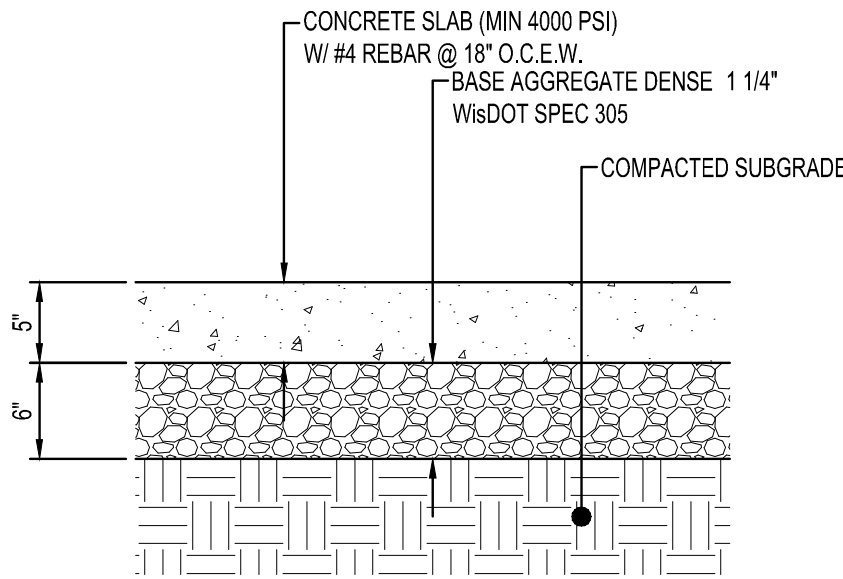


LA CROSSE, WISCONSIN

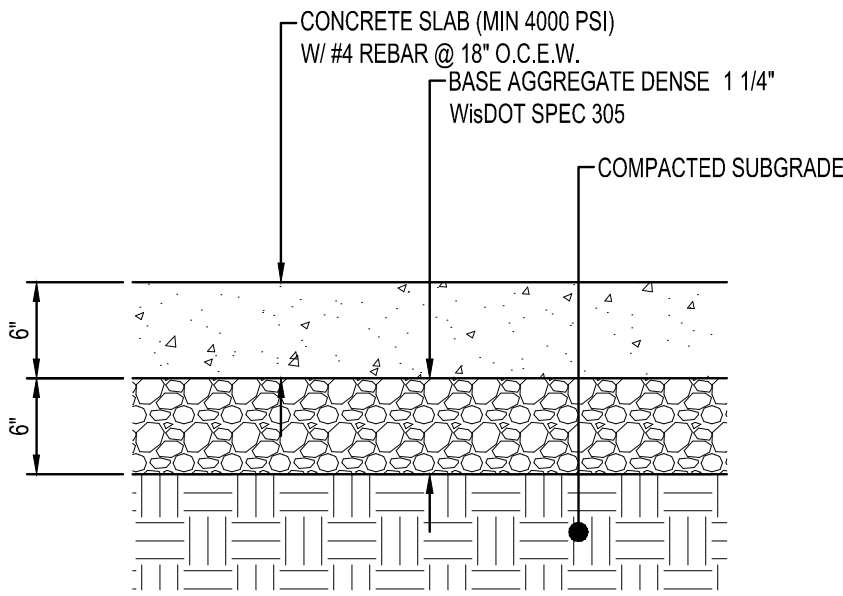


G1-10



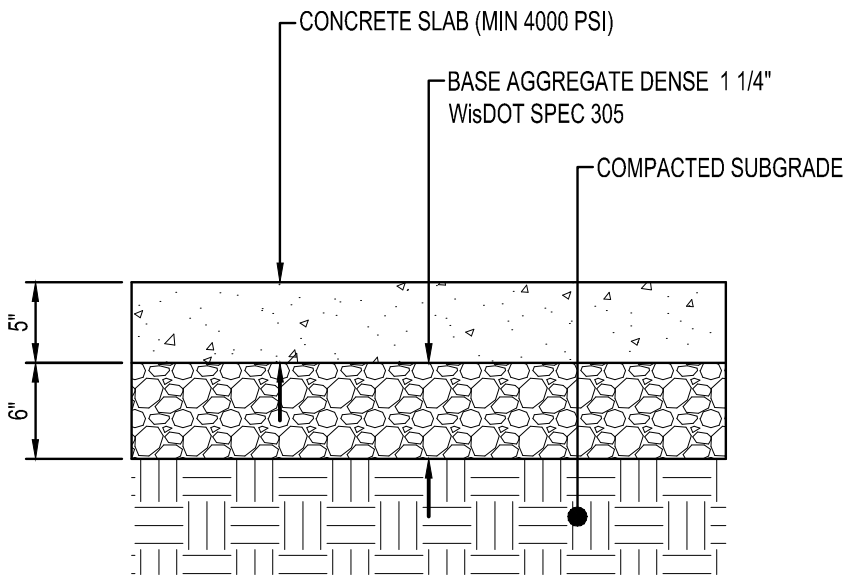
STANDARD 5"
CONCRETE PAVEMENT

NTS ST120



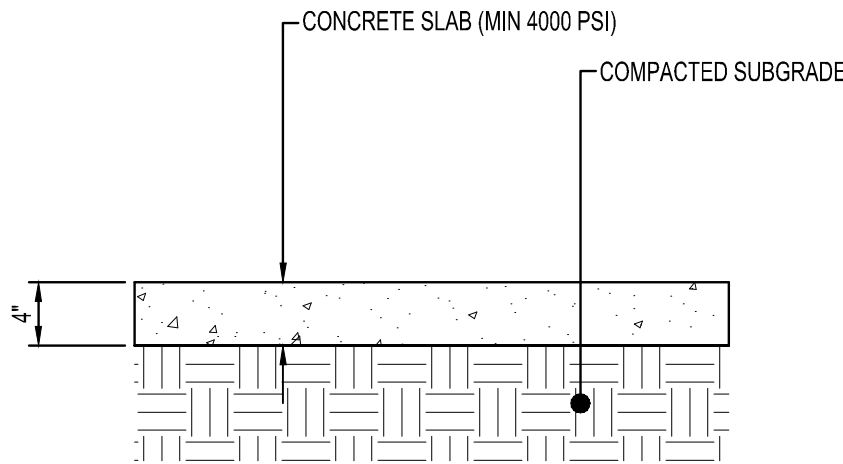
STANDARD 6"
CONCRETE PAVEMENT

NTS ST130



5" CONCRETE SIDEWALK

NTS ST160



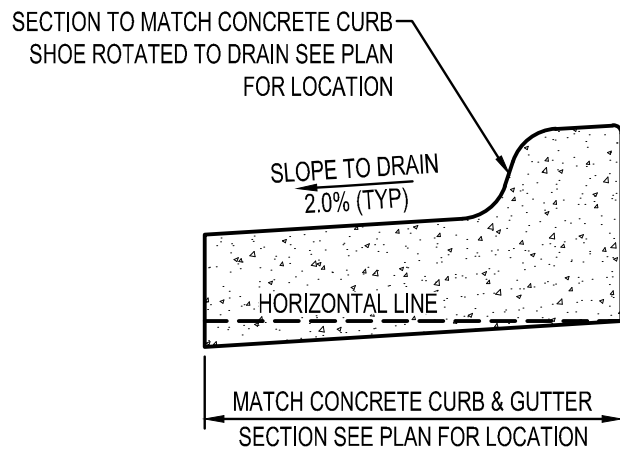
4" CONCRETE SIDEWALK

NTS ST160



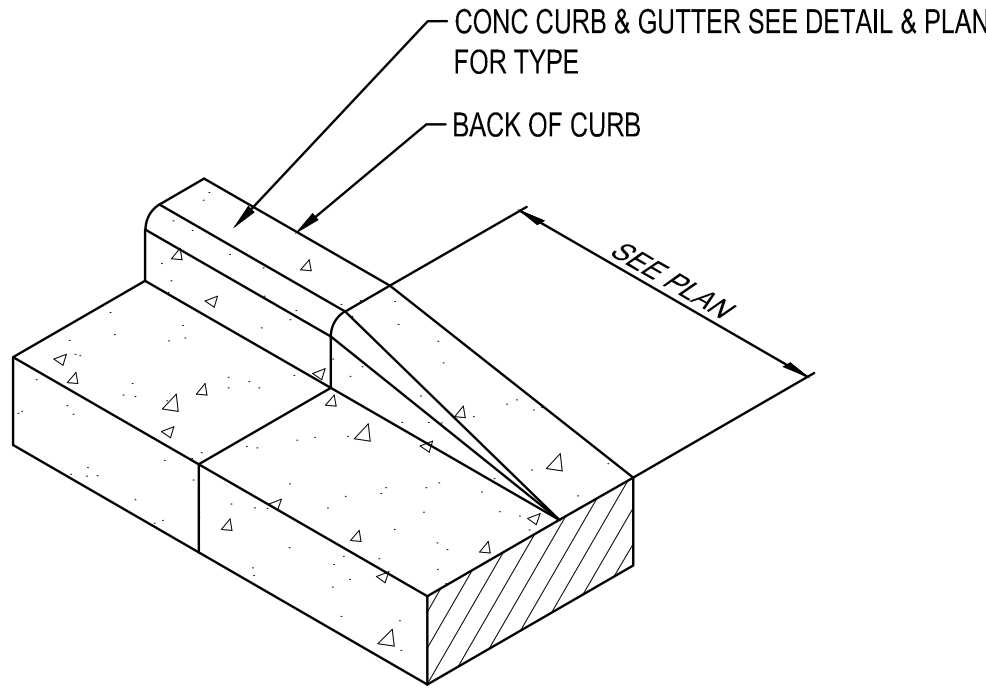
NOTE:
THE CLARITY OF THESE PLANS DEPEND
UPON COLOR COPIES. IF THIS TEXT DOES
NOT APPEAR IN COLOR, THIS IS NOT AN
ORIGINAL PLAN SET AND MAY RESULT IN
MISINTERPRETATION.

THIS DOCUMENT IS THE PROPERTY OF I & S GROUP,
INC. AND MAY NOT BE USED, COPIED OR DUPLICATED
WITHOUT PRIOR WRITTEN CONSENT.



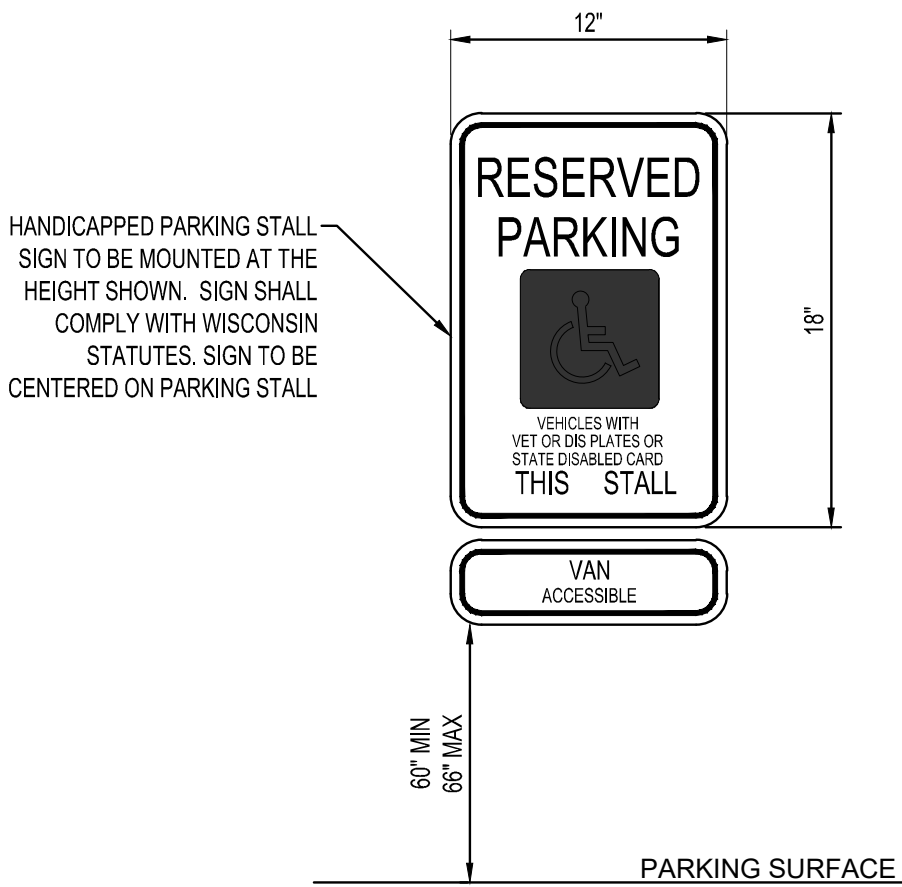
REVERSE PITCH
CONCRETE CURB & GUTTER

NTS ST250



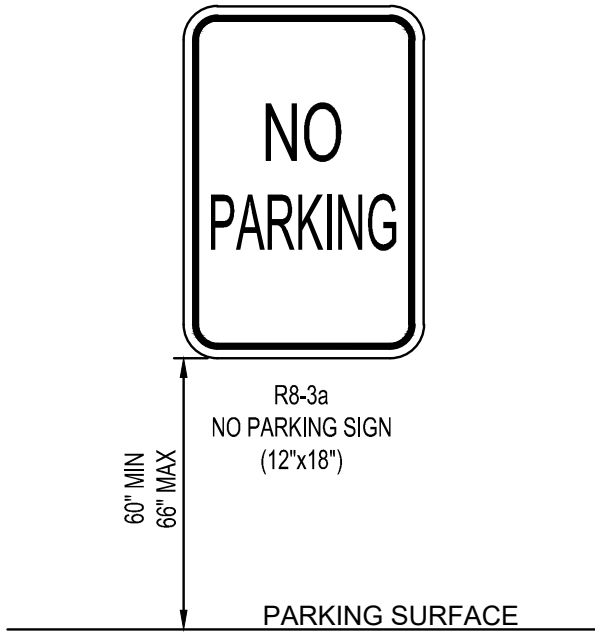
CURB TAPER

NTS ST270



ACCESSIBLE PARKING SIGN

NTS PM100



NO PARKING SIGN

NTS PM110

PROJECT

5TH WARD RESIDENCES

LA CROSSE WISCONSIN

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

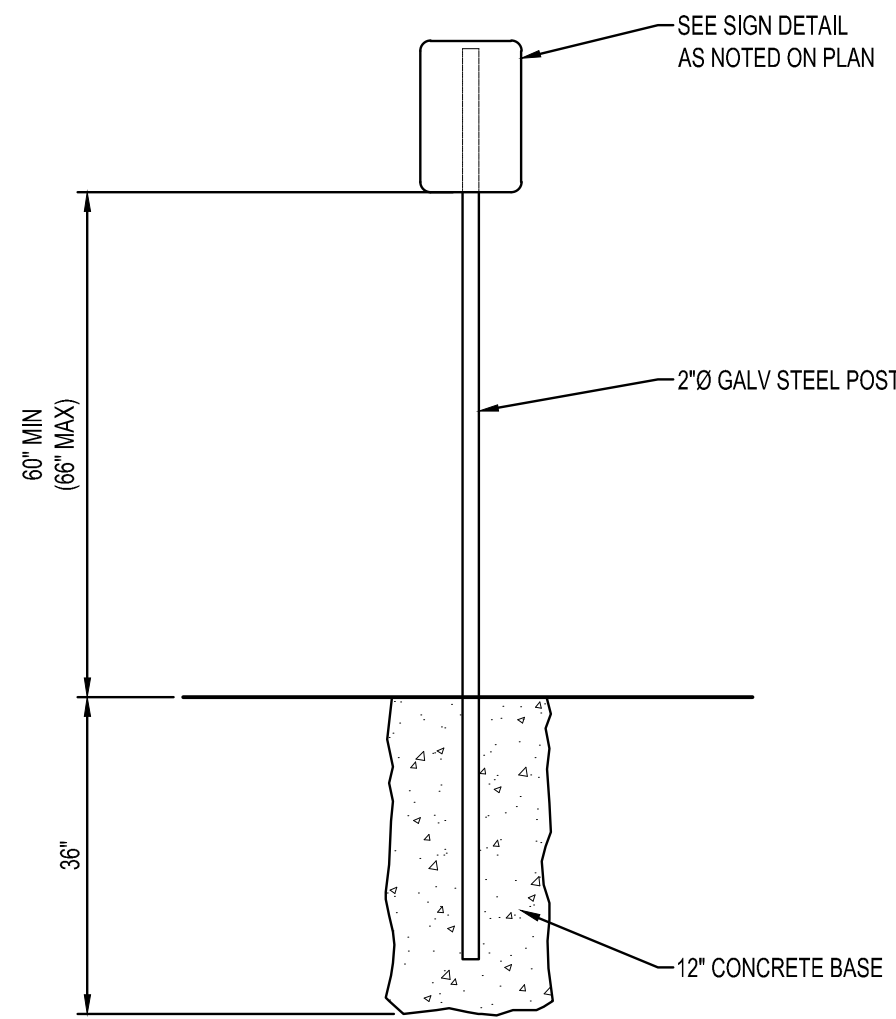
PROJECT NO.	20-24403
FILE NAME	24403 C0-DETAILS
DRAWN BY	CLF, SMD
DESIGNED BY	KBR
REVIEWED BY	KBR
ORIGINAL ISSUE DATE	9/17/2021
CLIENT PROJECT NO.	-

TITLE

SITE DETAILS

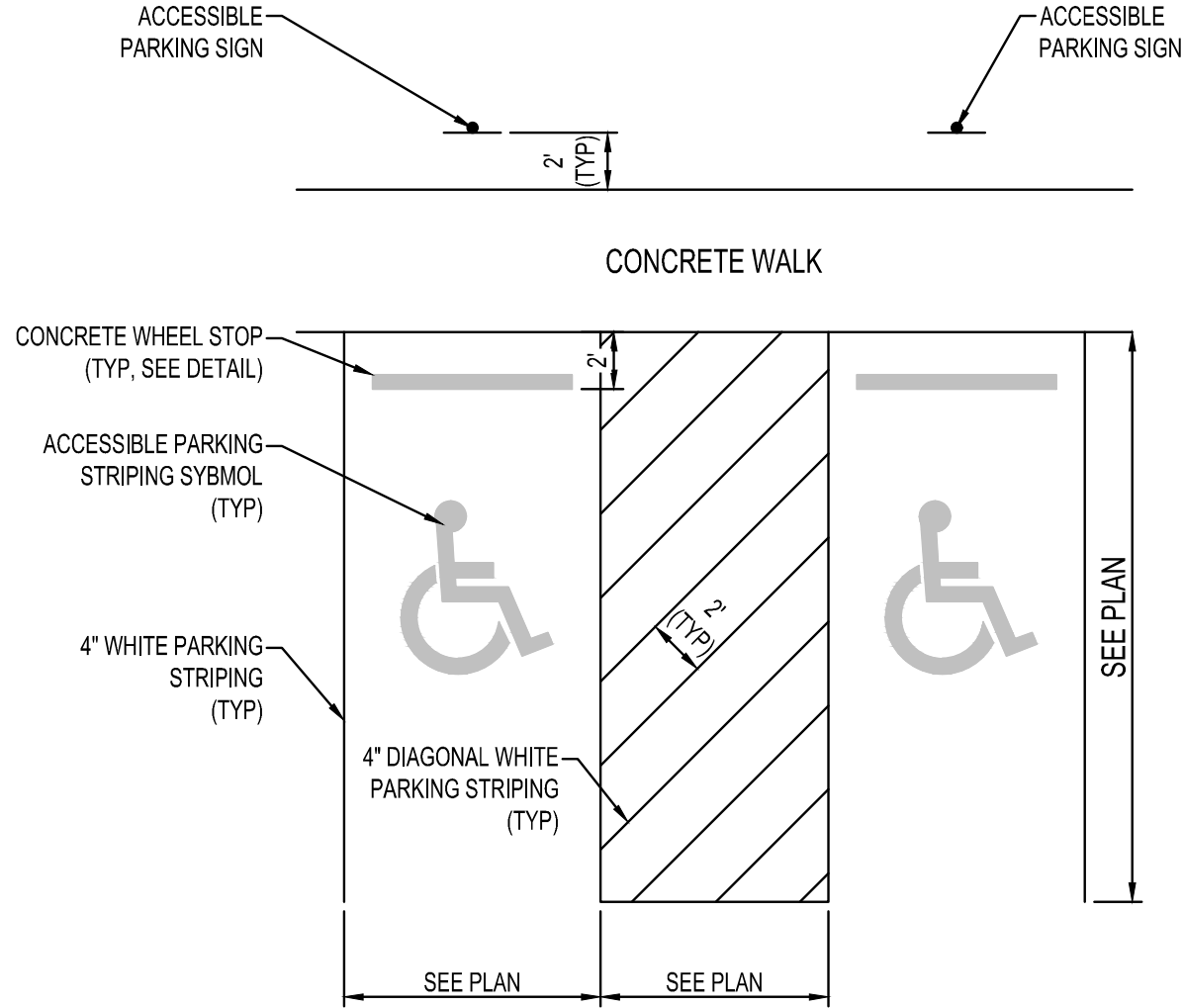
SHEET

C0-10



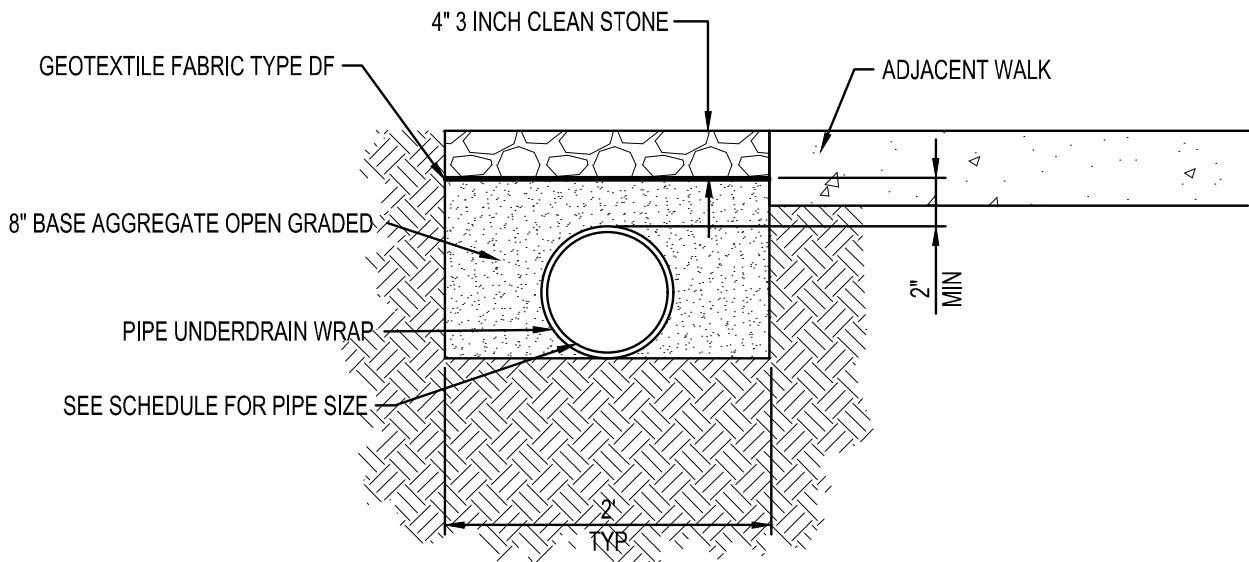
TYPICAL
SIGN POST

NTS PM200



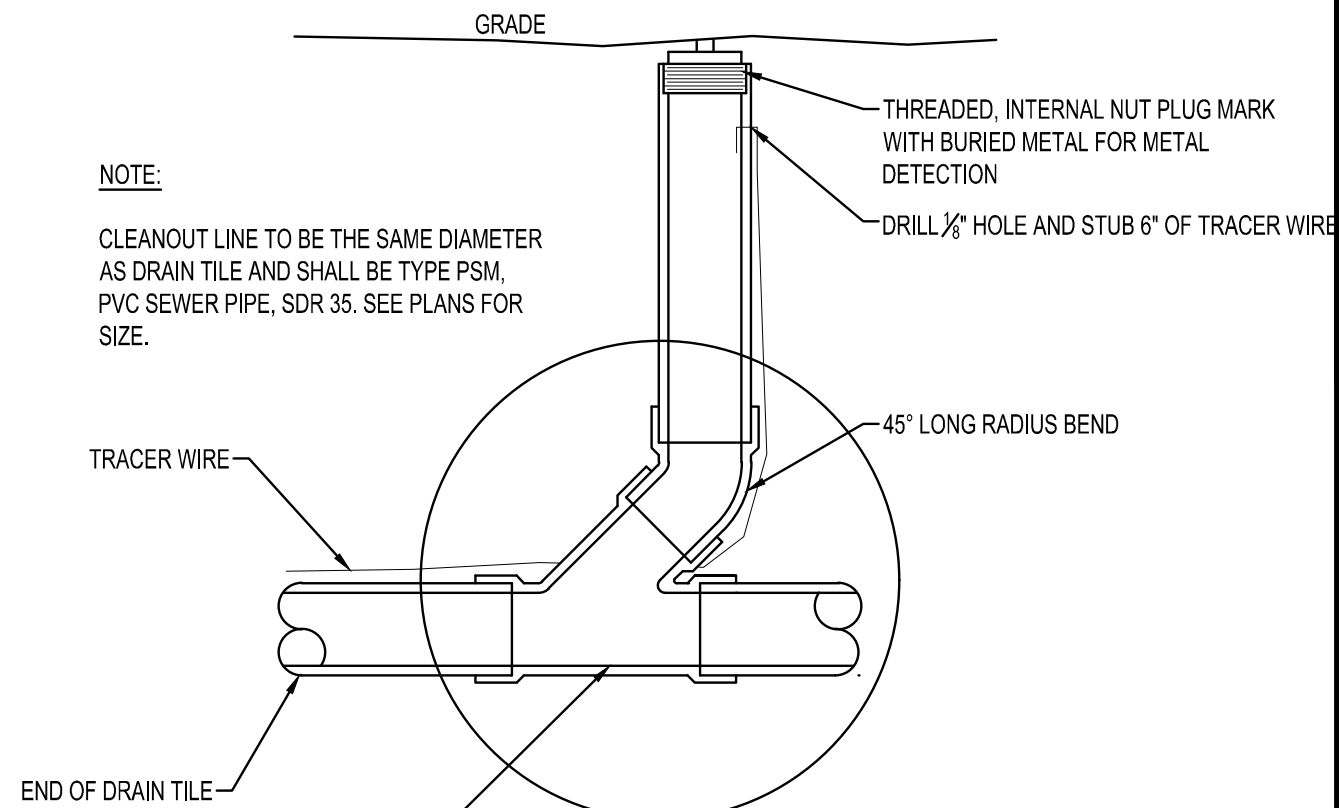
ACCESSIBLE PARKING AREA

NTS PM302

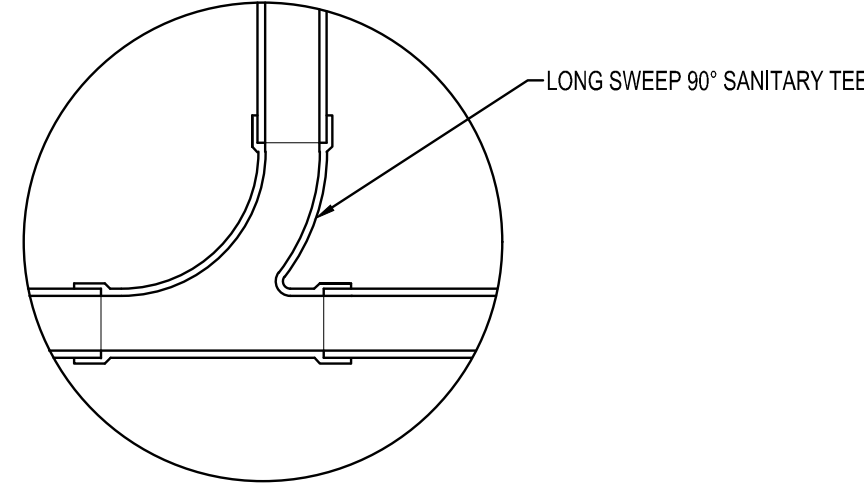


ROCK LANDSCAPING
WITH UNDERDRAIN DETAIL

NTS SD990



OPTION 1



OPTION 2

SANITARY CLEANOUT

NTS SA200



NOTE:
THE CLARITY OF THESE PLANS DEPEND
UPON COLOR COPIES. IF THIS TEXT DOES
NOT APPEAR IN COLOR, THIS IS NOT AN
ORIGINAL PLAN SET AND MAY RESULT IN
MISINTERPRETATION.

THIS DOCUMENT IS THE PROPERTY OF I & S GROUP,
INC. AND MAY NOT BE USED, COPIED OR DUPLICATED
WITHOUT PRIOR WRITTEN CONSENT.

PROJECT

5TH WARD RESIDENCES

LA CROSSE WISCONSIN

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

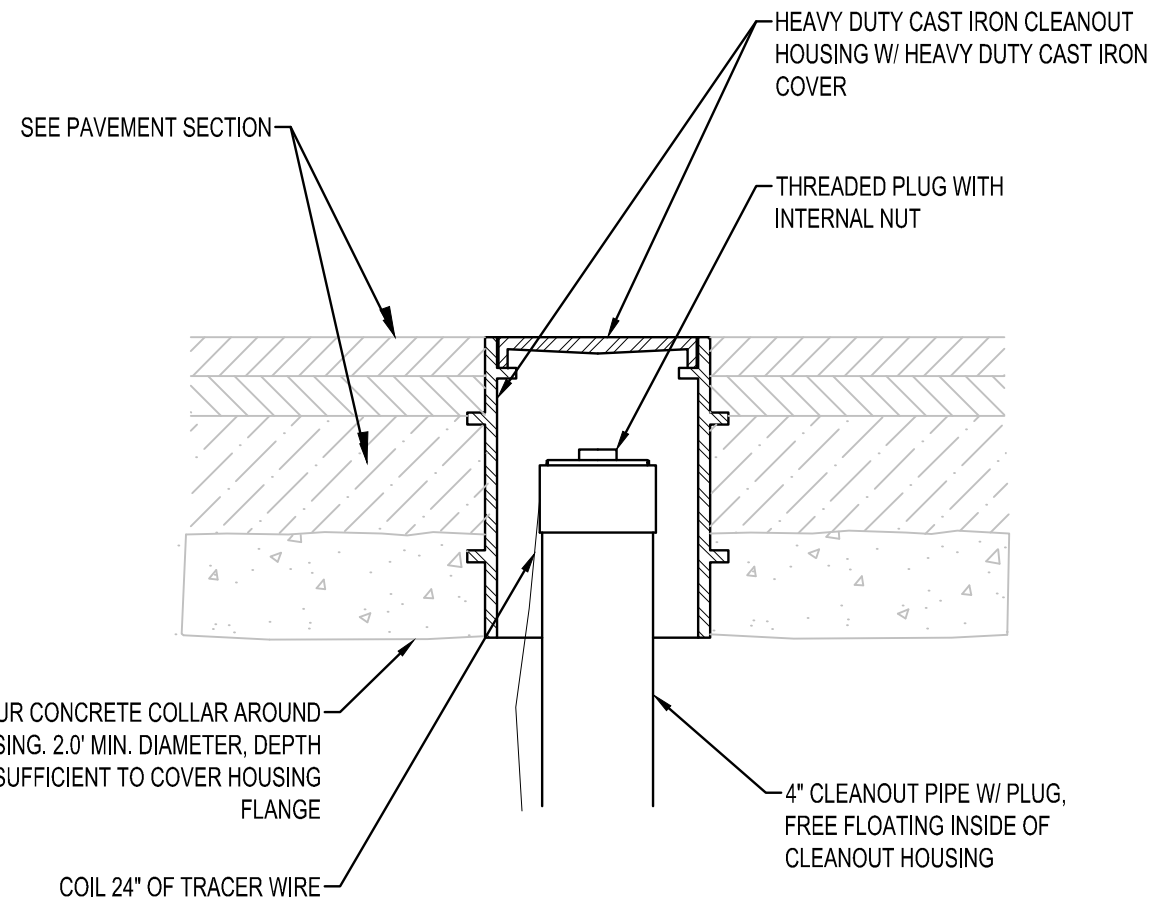
PROJECT NO.	20-24403
FILE NAME	24403 CO-DETAILS
DRAWN BY	CLF, SMD
DESIGNED BY	KBR
REVIEWED BY	KBR
ORIGINAL ISSUE DATE	9/17/2021
CLIENT PROJECT NO.	-

TITLE

SITE DETAILS

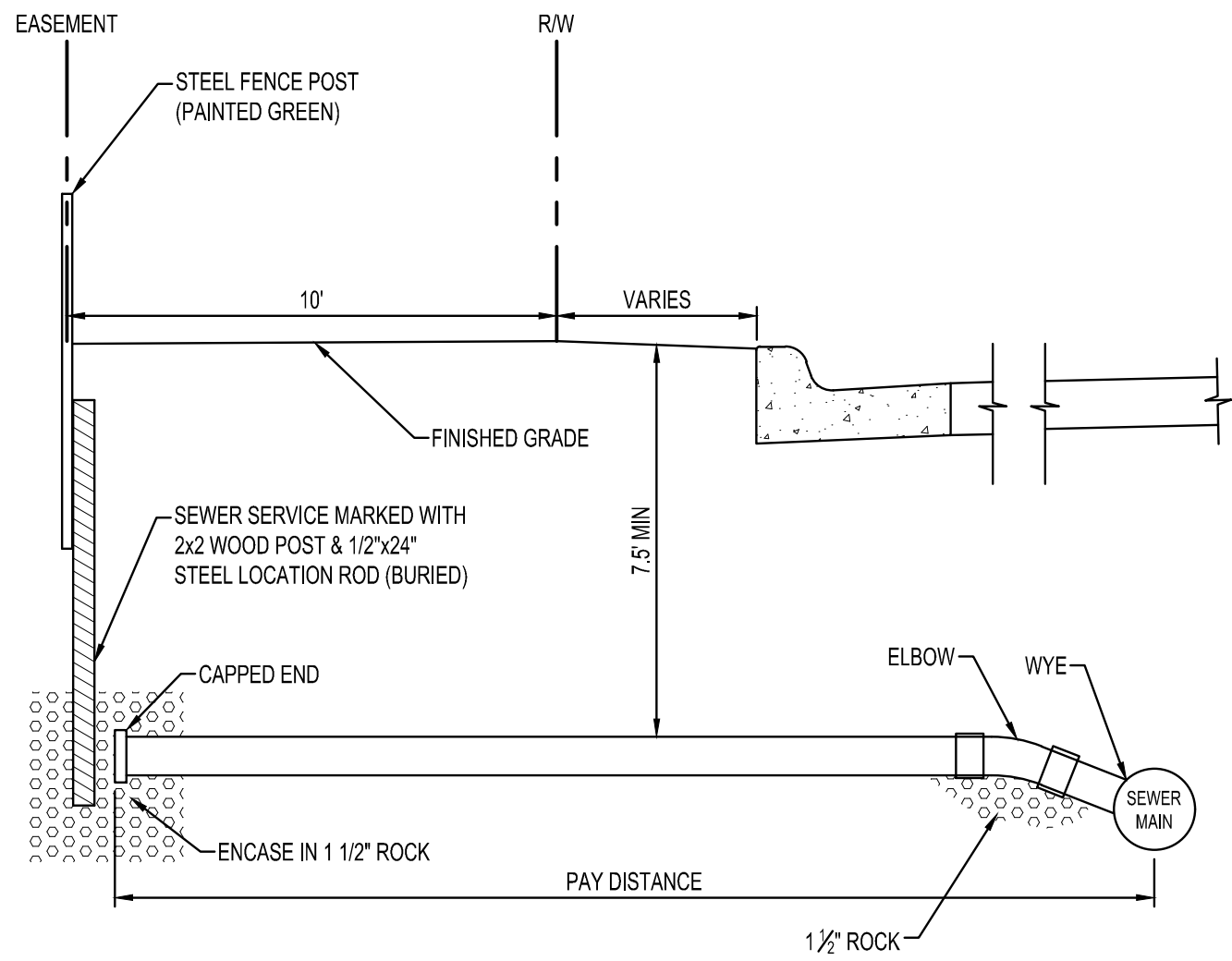
SHEET

C0-11



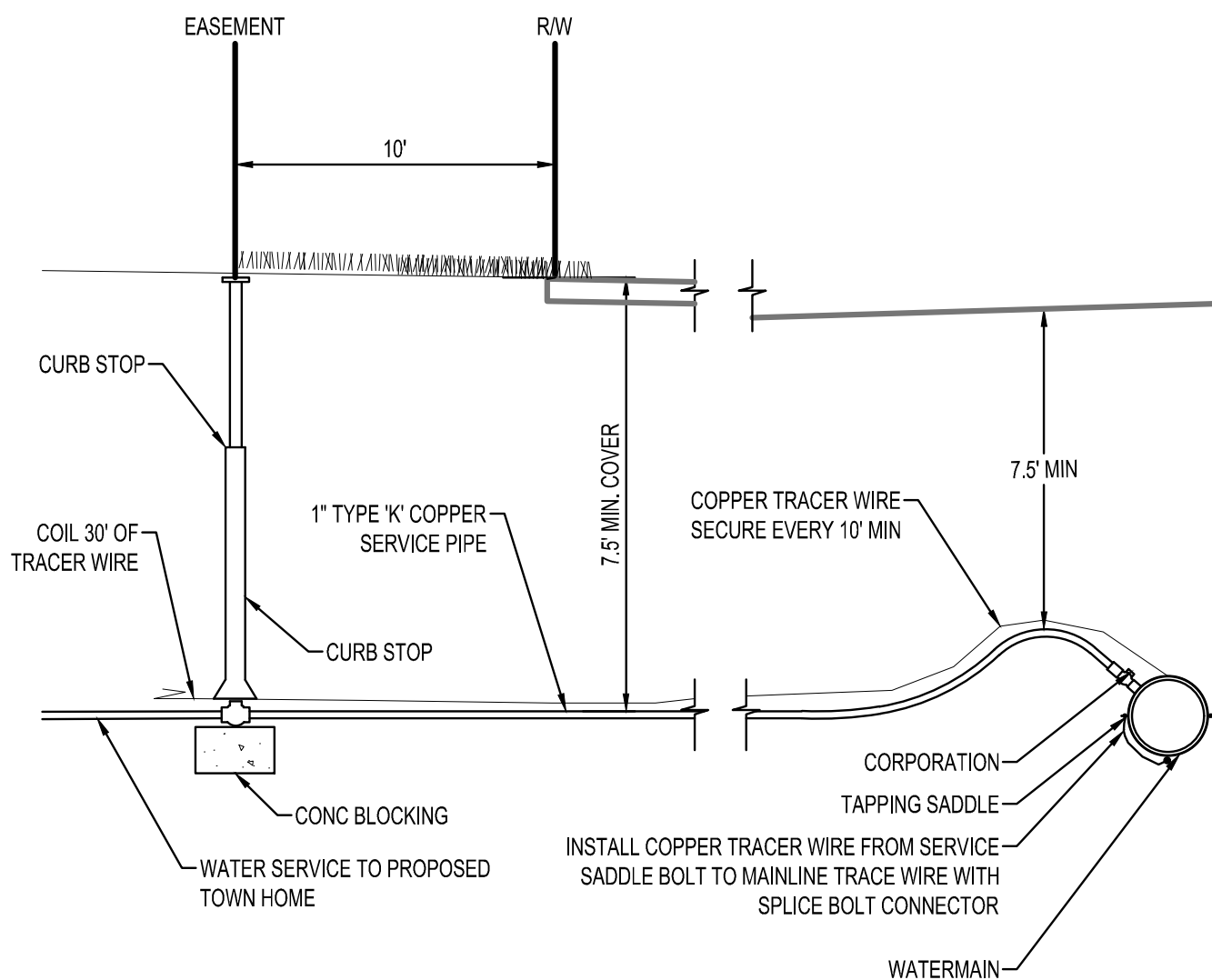
HEAVY-DUTY
SANITARY CLEANOUT

NTS SA201



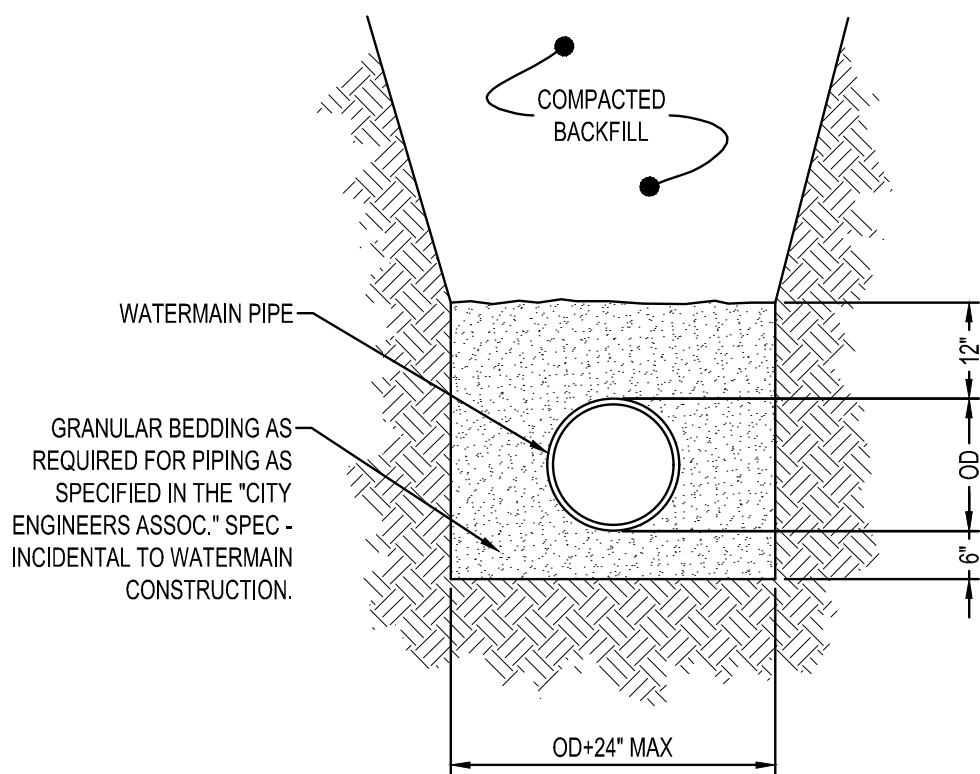
RESIDENTIAL
SANITARY SERVICE

NTS SA300



TYPICAL WATER SERVICE

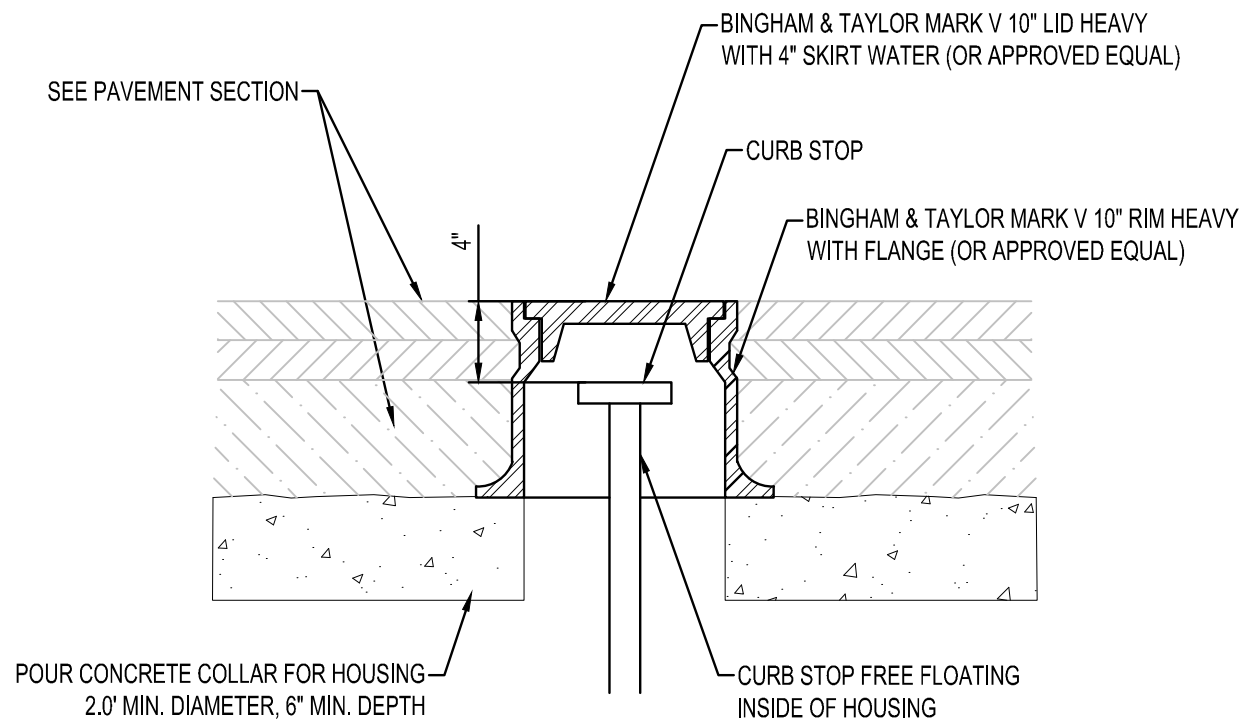
NTS WM500



PIPE BEDDING
WATER MAIN

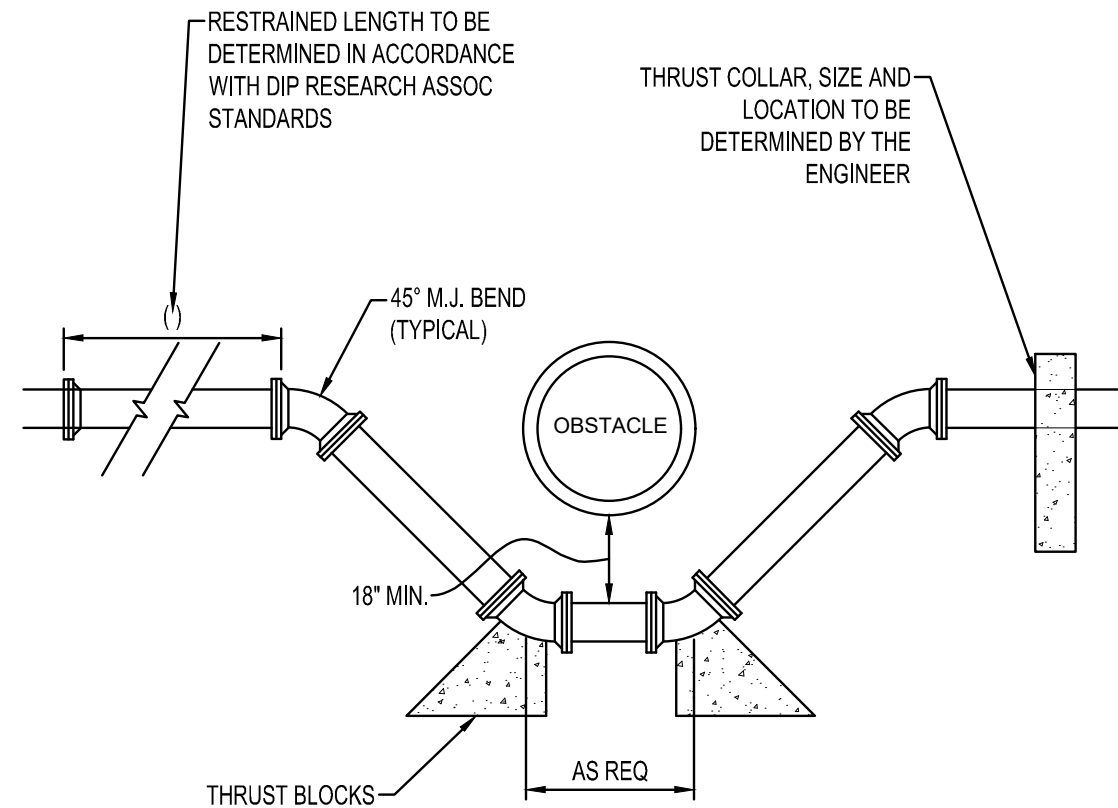
NTS WM300

NOTE:
GRANULAR BEDDING AND ENCASEMENT FOR WATERMAIN PIPES SHALL BE
INCIDENTAL TO CONSTRUCTION



HEAVY-DUTY
CURB STOP HOUSING

NTS WM550

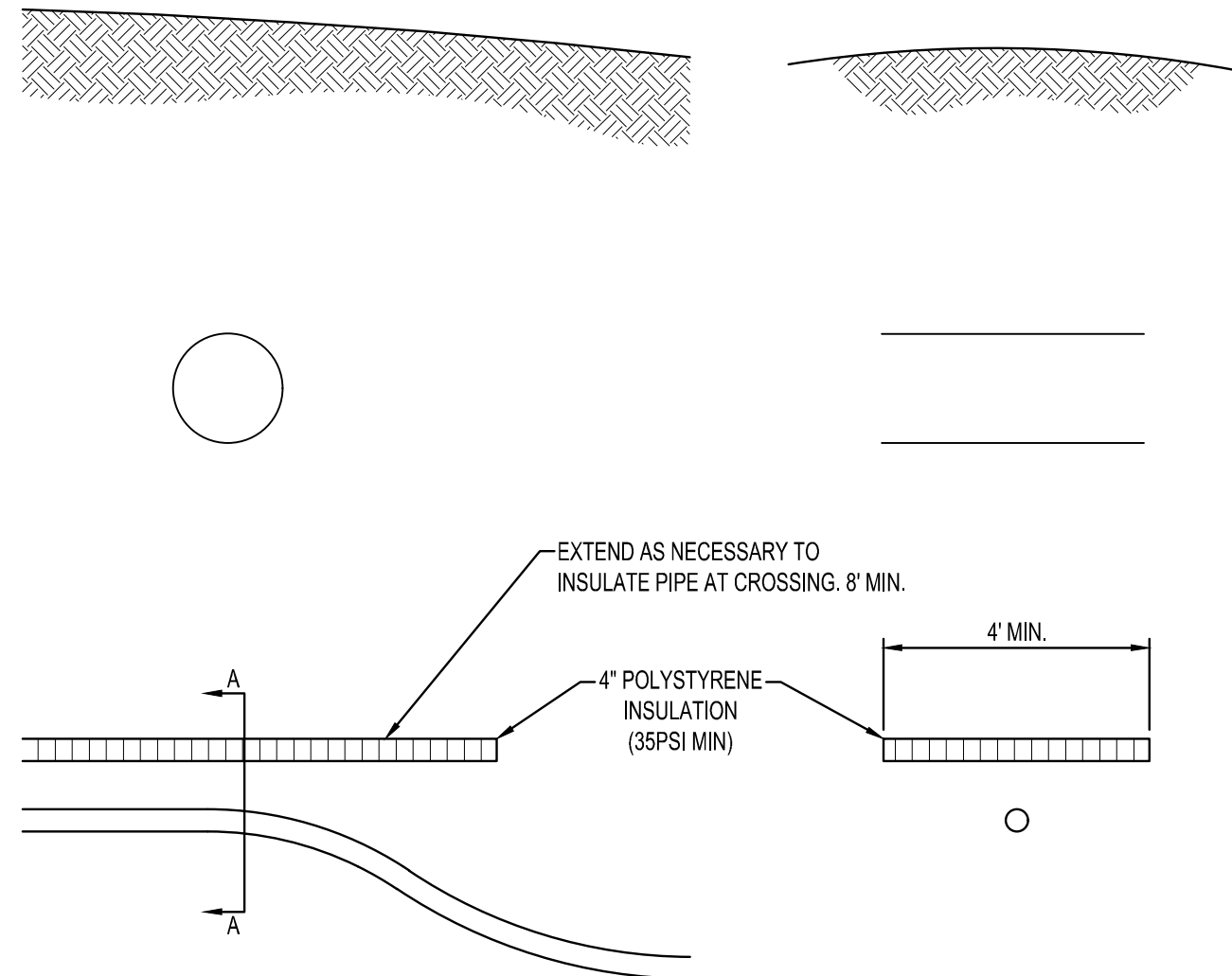


NOTES:

FITTINGS SHALL BE RESTRAINED WITH THE USE OF APPROVED MECHANICAL JOINT RESTRAINING GLANDS

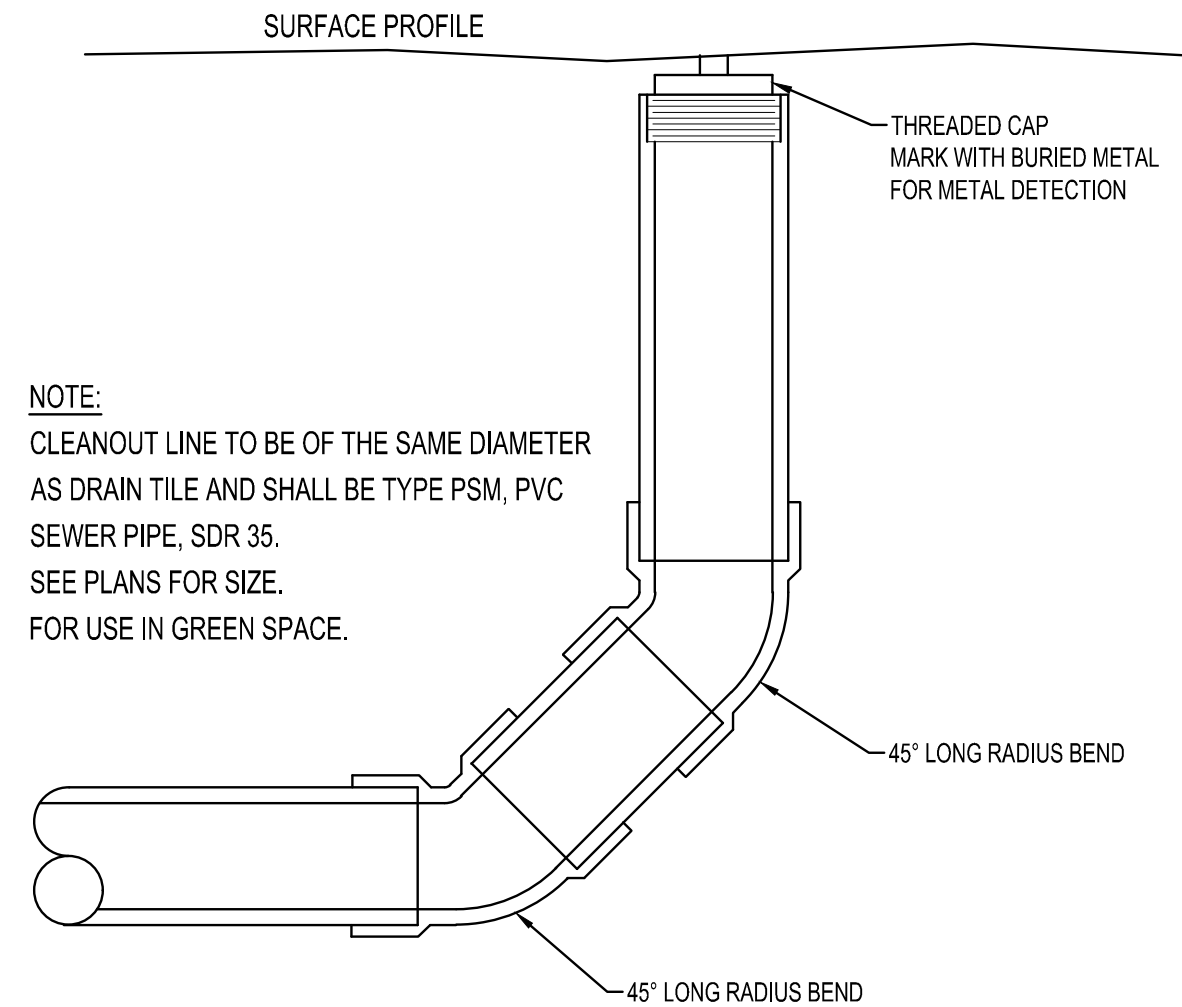
WATERMAIN CONSTRUCTION
AROUND OBSTACLES

NTS WM600



WATER PIPE INSULATION

NTS WM400



NOTE:
CLEANOUT LINE TO BE OF THE SAME DIAMETER
AS DRAIN TILE AND SHALL BE TYPE PSM, PVC
SEWER PIPE, SDR 35.
SEE PLANS FOR SIZE.
FOR USE IN GREEN SPACE.

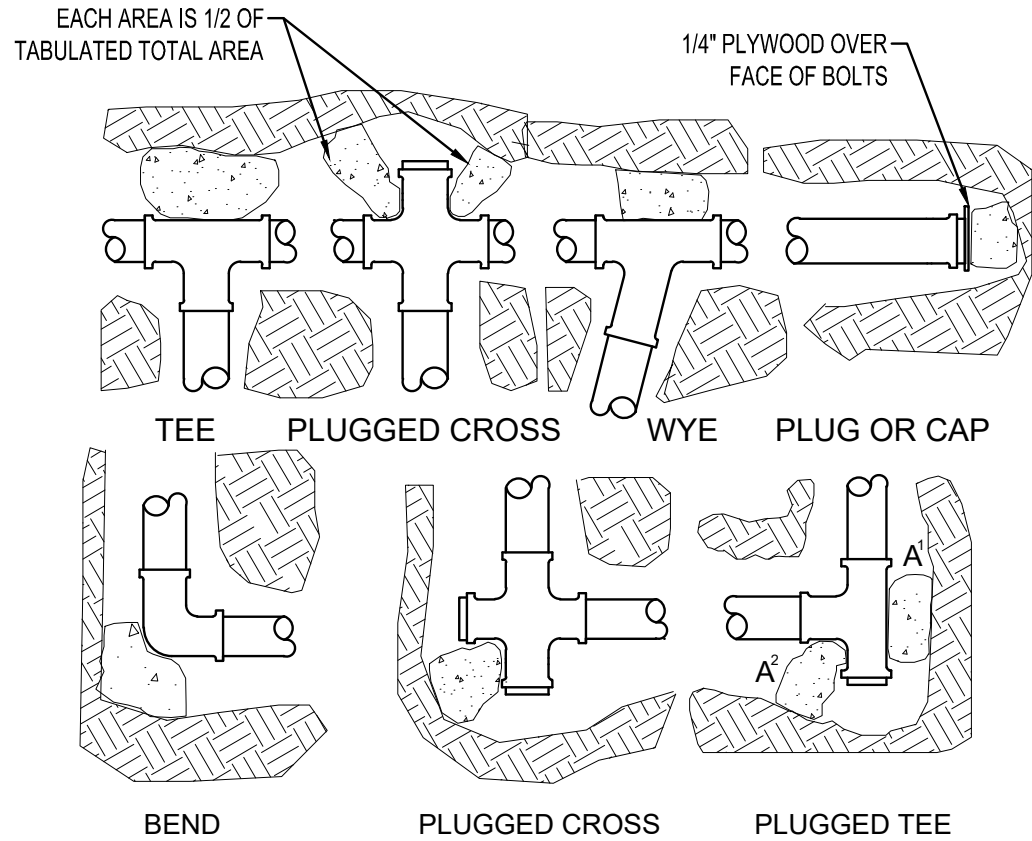
SUBDRAIN
TERMINAL CLEANOUT/END

NTS SD451



NOTE:
THE CLARITY OF THESE PLANS DEPEND
UPON COLOR COPIES. IF THIS TEXT DOES
NOT APPEAR IN COLOR, THIS IS NOT AN
ORIGINAL PLAN SET AND MAY RESULT IN
MISINTERPRETATION.

THIS DOCUMENT IS THE PROPERTY OF I & S GROUP,
INC. AND MAY NOT BE USED, COPIED OR DUPLICATED
WITHOUT PRIOR WRITTEN CONSENT.

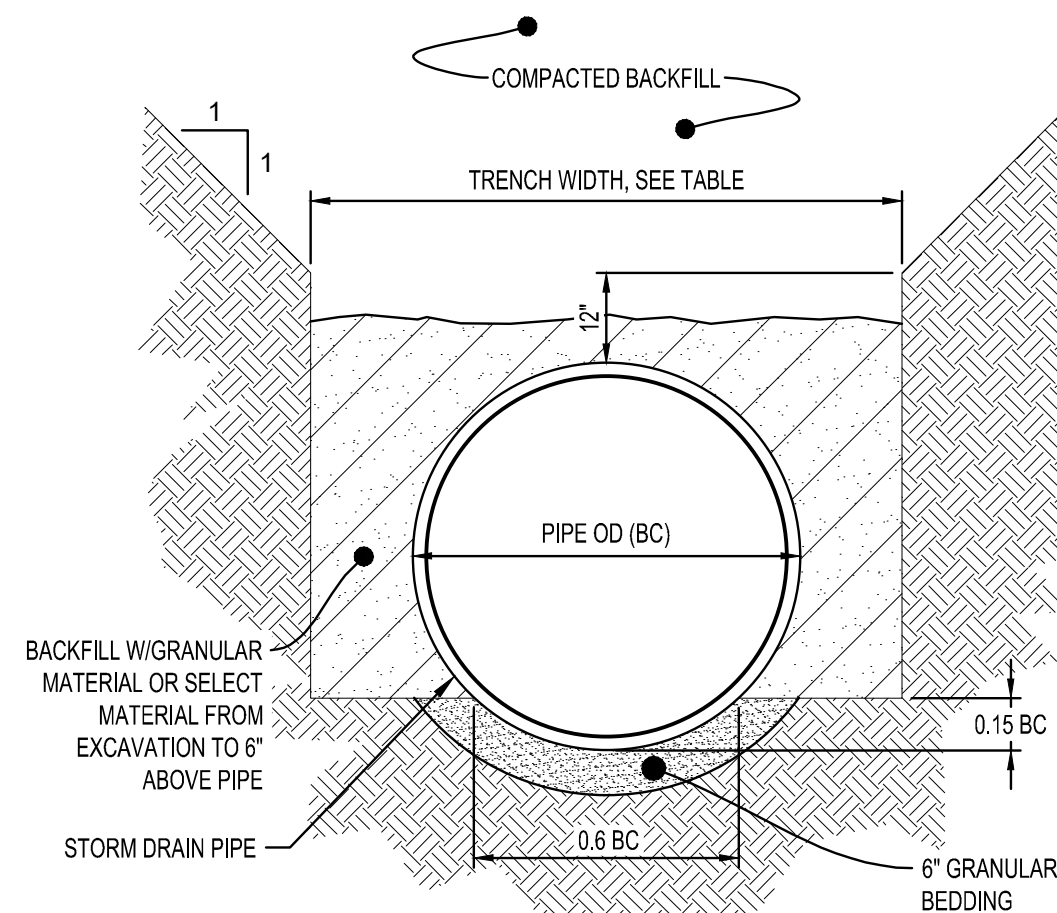


THRUST BLOCKING TABLE							
NOMINAL FITTING SIZE INCHES	TEE,WYE PLUG OR CAP	90 BEND PLUGGED CROSS	TEE PLUGGED ON RUN		45° BEND	22 1/2° BEND	11 1/4° BEND
			A ¹	A ²			
4	1.0	1.4	1.9	1.4	1.0		
6	2.1	3.0	4.3	3.0	1.6	1.0	
8	3.8	5.3	7.6	5.4	2.9	1.5	1.0
10	5.9	8.4	11.8	8.4	4.6	2.6	1.2
12	8.5	12.0	17.0	12.0	6.6	3.4	1.7
14	11.5	16.3	23.0	16.3	8.9	4.6	2.3
16	15.0	21.3	30.0	21.3	11.6	6.0	3.0
18	19.0	27.0	38.0	27.0	14.6	7.6	3.8
20	23.5	33.3	47.0	33.3	18.1	9.4	4.7
24	34.0	48.0	68.0	48.0	26.2	13.6	6.8

- NOTES
- CONCRETE THRUST BLOCKING TO BE POURED AGAINST UNDISTURBED EARTH
 - KEEP CONCRETE CLEAR OF JOINT AND ACCESSORIES
 - IF NOT SHOWN ON PLANS, REQUIRED BEARING AREAS AT FITTING SHALL BE AS INDICATED ABOVE, ADJUST IF NECESSARY, TO CONFORM TO THE TEST PRESSURE(S) AND ALLOWABLE SOIL BEARING STRESS (ES)
 - BEARING AREAS AND SPECIAL BLOCKING DETAILS SHOWN ON PLANS TAKE PRECEDENCE OVER BEARING AREAS AND BLOCKING DETAILS SHOWN ON THIS STANDARD DETAIL
 - ABOVE BEARING AREAS BASE ON TEST PRESSURE OF 150 PSI AND AN ALLOWABLE SOIL BEARING STRESS OF 2000 LBS PER SQ.FT. TO COMPUTE BEARING AREAS FOR DIFFERENT TEST PRESSURES AND SOIL BEARING USE THE FOLLOWING EQUATION: BEARING AREA=TEST PRESSURE/150x12000/SOIL BEARING STRESS x TABLE VALUE

WATERMAIN
THRUST BLOCKING

NTS WM700

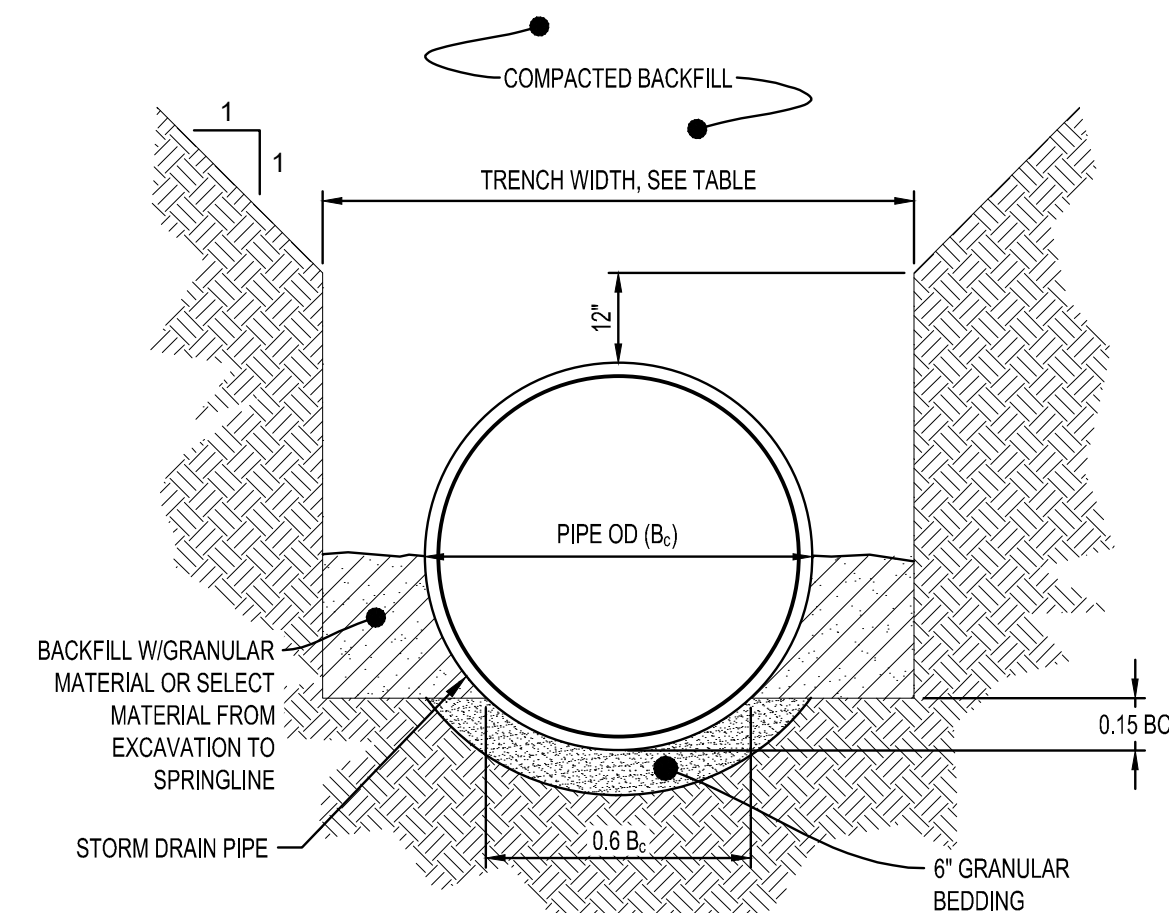


TRENCH WIDTH	
PIPE Ø	TRENCH WIDTH
36" OR LESS	BC + 24"
42" TO 54"	1.5 x BC
60" OR OVER	BC + 36"

- NOTES:
- GRANULAR BEDDING AND BACKFILL FOR STORM DRAIN PIPES SHALL
BE INCIDENTAL TO STORM DRAIN CONSTRUCTION

NON-CONCRETE
STORM DRAIN PIPE BEDDING

NTS SD600



TRENCH WIDTH	
PIPE Ø	TRENCH WIDTH
36" OR LESS	B _c + 24"
42" TO 54"	1.5 x B _c
60" OR OVER	B _c + 36"

- NOTES:
- GRANULAR BEDDING AND BACKFILL FOR STORM DRAIN PIPES SHALL
BE INCIDENTAL TO STORM DRAIN CONSTRUCTION

REINFORCED CONCRETE
STORM DRAIN PIPE BEDDING

NTS SD601

PROJECT

5TH WARD
RESIDENCES

LA CROSSE WISCONSIN

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

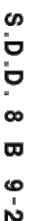
PROJECT NO. 20-24403
FILE NAME 24403 C0-DETAILS
DRAWN BY CLF, SMD
DESIGNED BY KBR
REVIEWED BY KBR
ORIGINAL ISSUE DATE 9/17/2021
CLIENT PROJECT NO. -

TITLE

SITE DETAILS

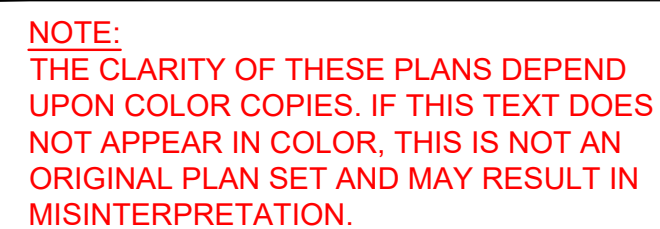
SHEET

C0-12



8-FT	60	42	Sept., 2016 /s/ Rodney Taylor DATE ROADWAY STANDARDS DEVELOPMENT FHWA UNIT SUPERVISOR
------	----	----	---

DRAIN BASIN
NTS SD320



THIS DOCUMENT IS THE PROPERTY OF I & S GROUP,
INC. AND MAY NOT BE USED, COPIED OR DUPLICATED
WITHOUT PRIOR WRITTEN CONSENT.

PROJECT

LA CROSSE WISCONSIN

PROJECT NO.	20-24403
FILE NAME	24403 C0-DETAILS
DRAWN BY	CLF, SMD
DESIGNED BY	KBR
REVIEWED BY	KBR
ORIGINAL ISSUE DATE	9/17/2021

TITLE

SHEET

C0-13



Shown (Asbury 543 Style - 54" Walk Gate) Post spacing does not change between styles.

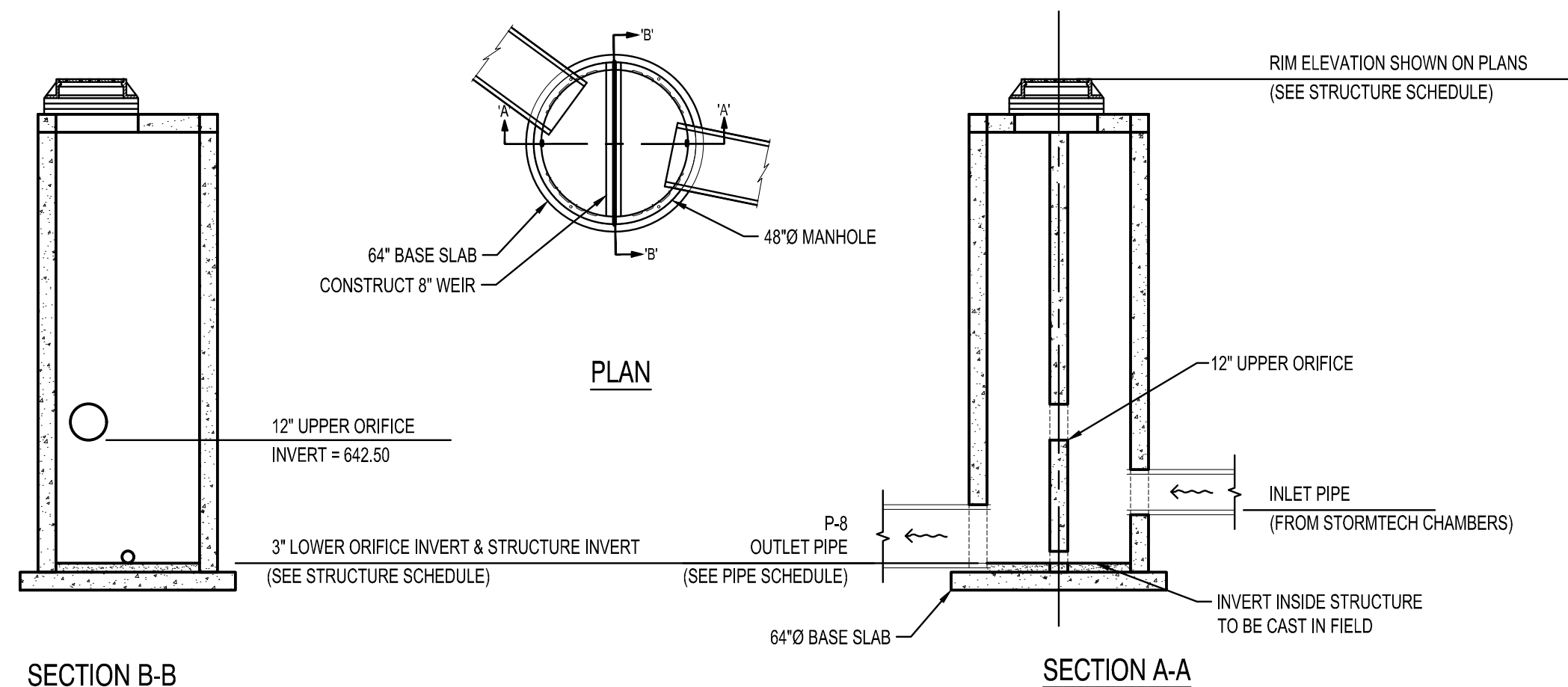
48" GATE

NTS

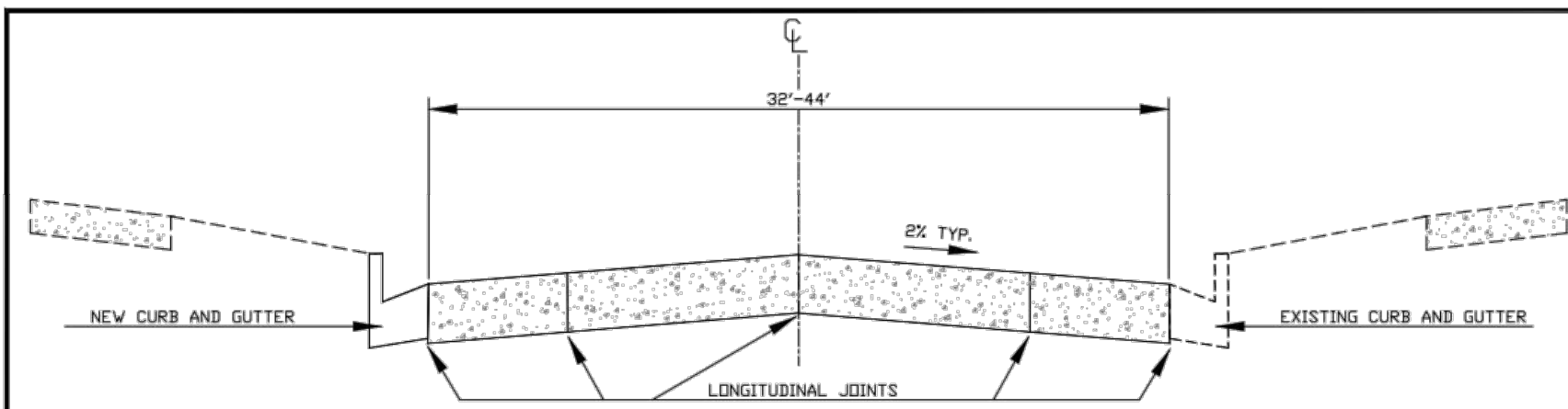
SECTION B-B

NTS

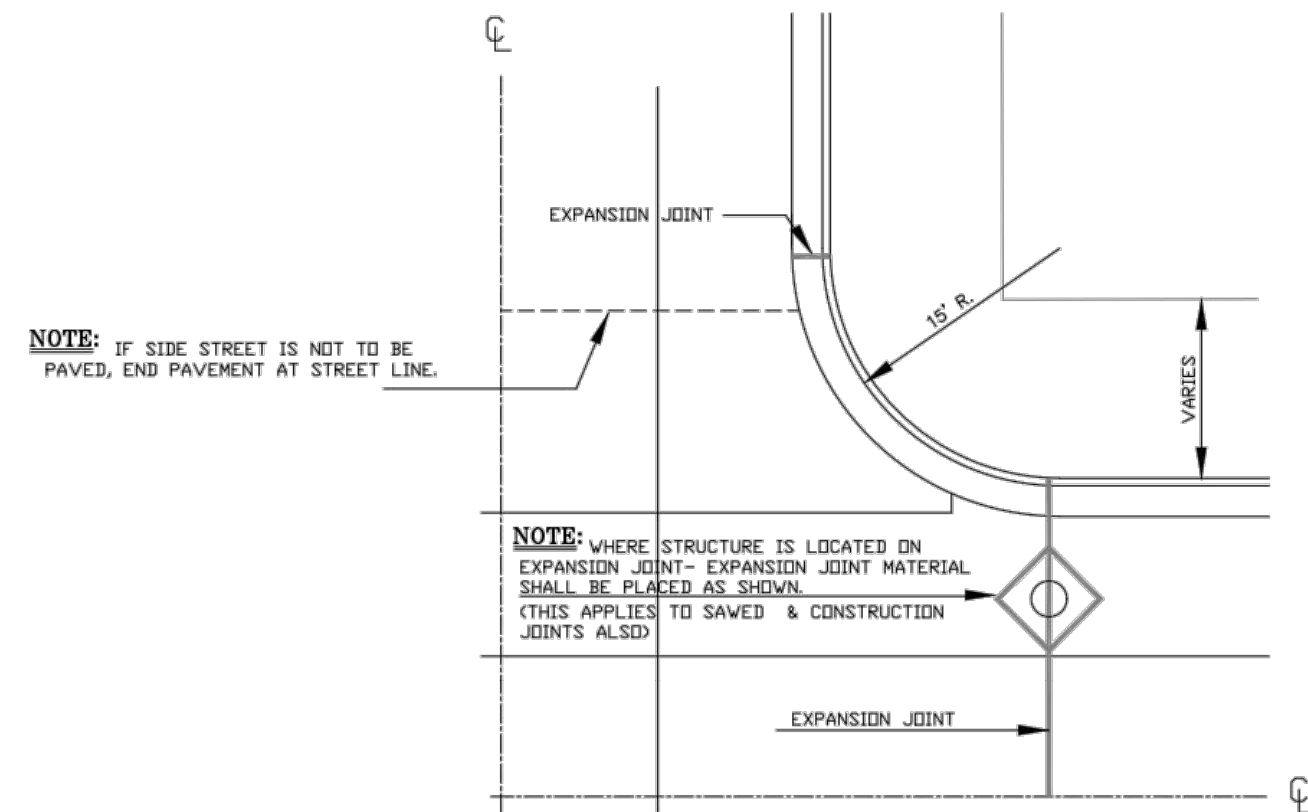
SD700



SECTION A-A



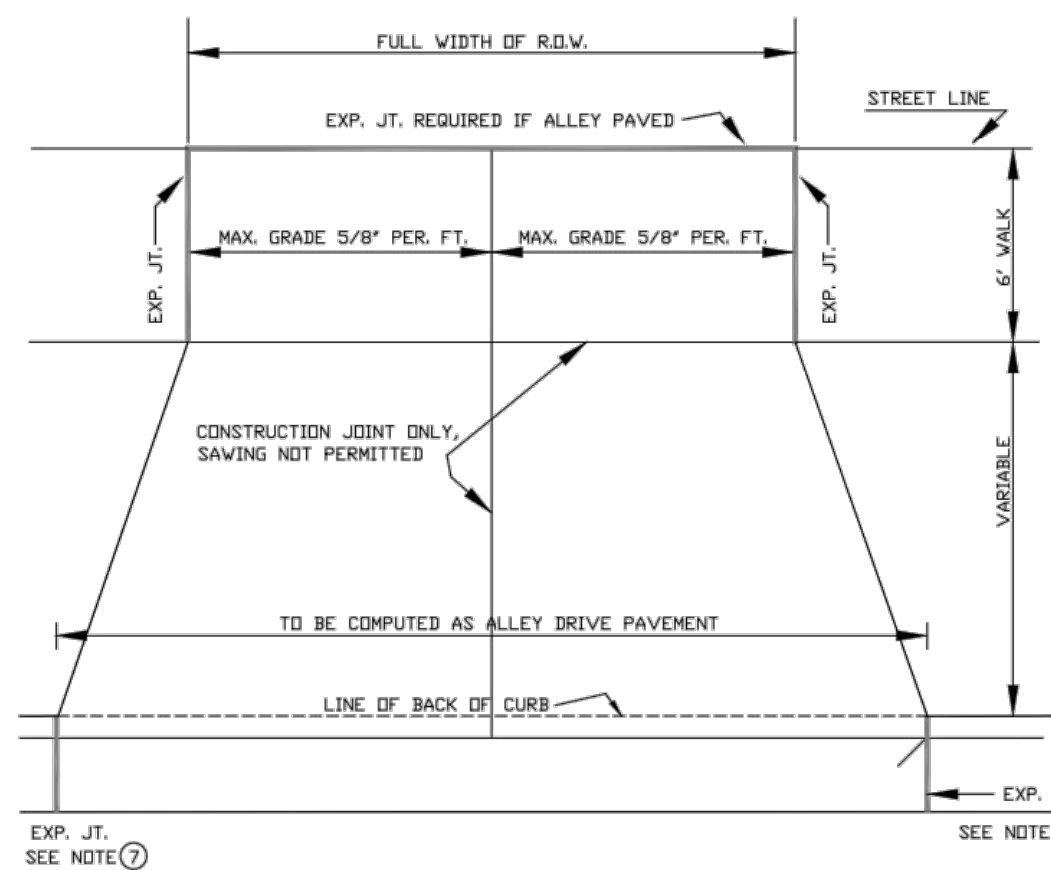
TYPICAL CROSS SECTION FOR 36' ROADWAY



NOTES-JOINTS

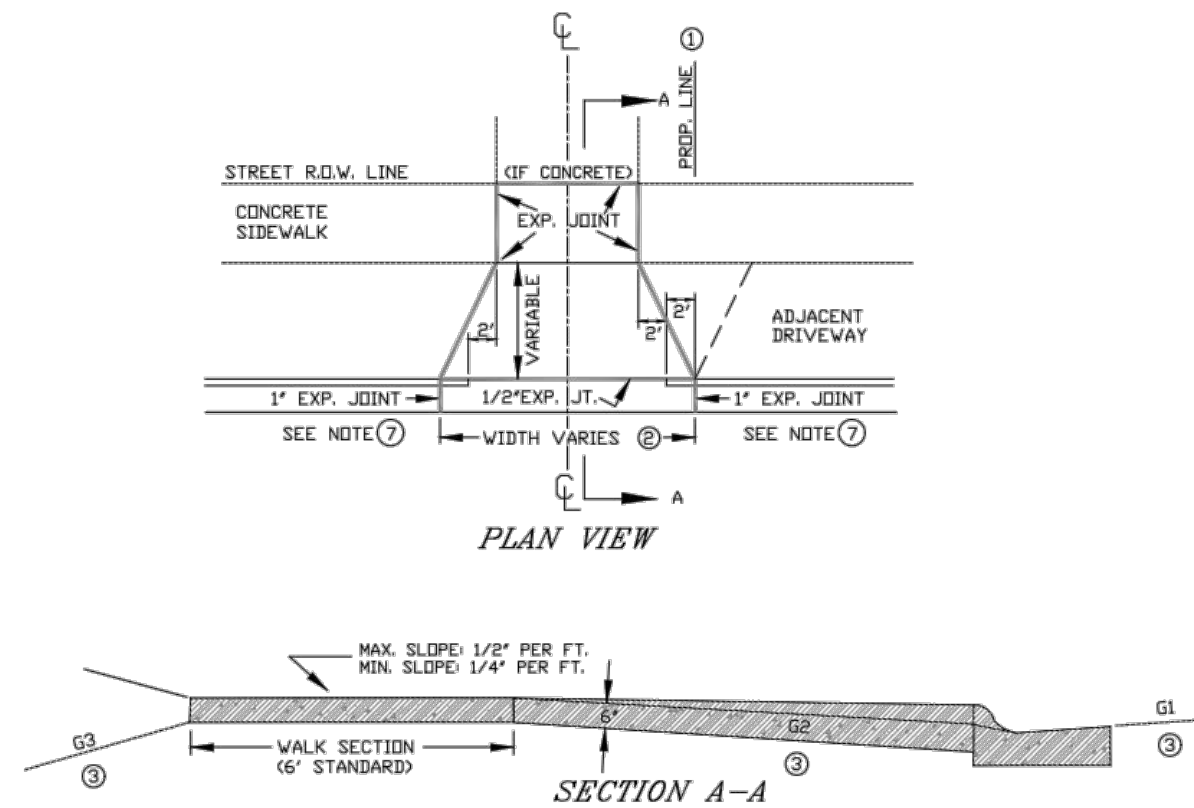
1. EXPANSION JOINTS SHALL BE PLACED AT THE END OF RADIAT. AT STREET INTERSECTIONS AND MID-BLOCK BETWEEN INTERSECTIONS. IN NO CASE SHALL THE DISTANCE BETWEEN EXPANSION JOINTS EXCEED 160 FEET.
2. THE DISTANCE BETWEEN TRAVERSE JOINTS SHALL NOT BE LESS THAN 10 FEET AND SHALL BE TYPICALLY 20 FEET APART.
3. LONGITUDINAL CONSTRUCTION JOINTS BETWEEN CURB AND GUTTER SECTION AND CONC. PAVING SECTION SHALL BE SEALED AS SHOWN ON JOINT DETAILS.

TYPICAL SECTION OF ALLEY PAVEMENT



STANDARD ALLEY DRIVEWAY 7" THICK

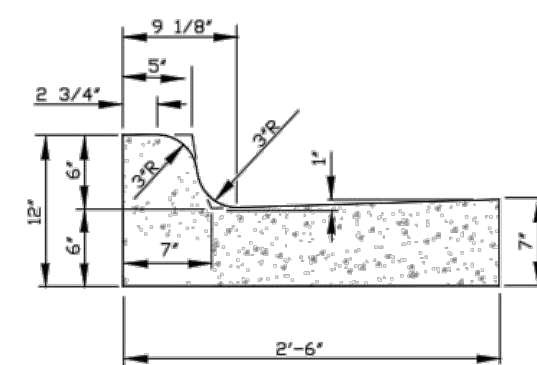
DRAWINGS
NOT TO SCALE



1. DRIVE SECTION SHALL NOT OVERLAP PROPERTY LINE EXTENDED, EXCEPT WHERE PERMITTED BY THE ENGINEER, OR WHEN A JOINT DRIVEWAY AGREEMENT IS EXECUTED BY OWNERS OF ADJACENT PROPERTIES.
2. MAX. DRIVEWAY WIDTH AT THE CURB AND SIDEWALK IS SET FORTH IN CITY ORDINANCE 5.03.
3. THE BREAKOVER ANGLE (CAUSE OF CAR'S BOTTOMING) BECOMES CRITICAL WHEN THE ALGEBRAIC DIFFERENCE OF GRADES (G1, G2, & G3) EXCEEDS 11%.
4. A REINFORCED DRIVE SECTION IS REQUIRED FOR CURB & GUTTER IN AREAS ZONED INDUSTRIAL OR COMMERCIAL.
5. BACK OF CURB TO FRONT OF CONC. SIDEWALK MUST BE CONCRETE, BRICK OR ASPHALTIC BITUMINOUS.
6. MECHANICAL COMPACTION OF SUBSOIL IN LAYERS LESS THAN 12" TO ACHIEVE MINIMUM COMPACTION OF 95% OF MAXIMUM DENSITY FROM MODIFIED PROCTOR IS REQUIRED. (INCLUDING STREET SIDE AFTER FORMS ARE REMOVED).
7. EXPANSION JOINT IS REQUIRED AT BOTH ENDS OF DRIVEWAY WHEN ONLY DRIVEWAY IS INSTALLED OR REPLACED. WHEN ENTIRE BLOCK OF CURB & GUTTER IS INSTALLED THE EXPANSION JOINT AT DRIVEWAY ENDS MAY BE OMITTED.

NOTE: TURNING OF 2' DIAMETER DRIVEWAY RETURNS IN LIEU OF DIMINISHING HEAD AS SHOWN IS PERMITTED IF DESIRED BY PROPERTY OWNER. INSTALLATION OF A DRIVEWAY BY REMOVING EXISTING CURB HEAD ONLY IS NOT ALLOWED. ENTIRE EXISTING C&G MUST BE REMOVED FOR NEW DRIVEWAYS. REMOVAL OF A MINIMUM 12" WIDTH OF BITUMINOUS TO INSTALL FRONT FORMS IS REQUIRED.

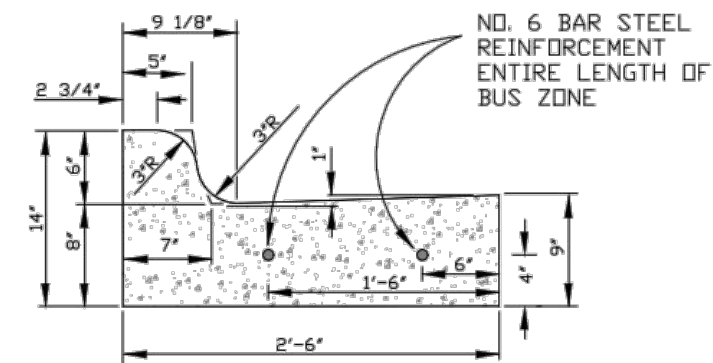
STANDARD DRIVEWAY DETAIL



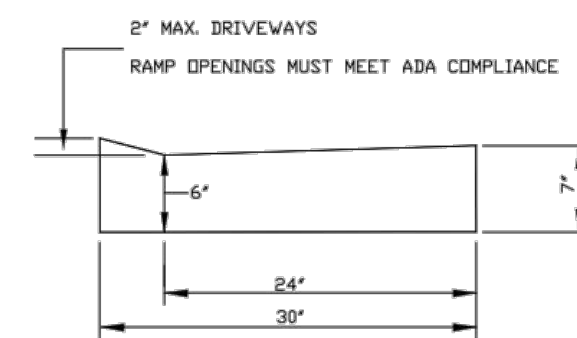
STANDARD CURB & GUTTER SECTION

NOTE:

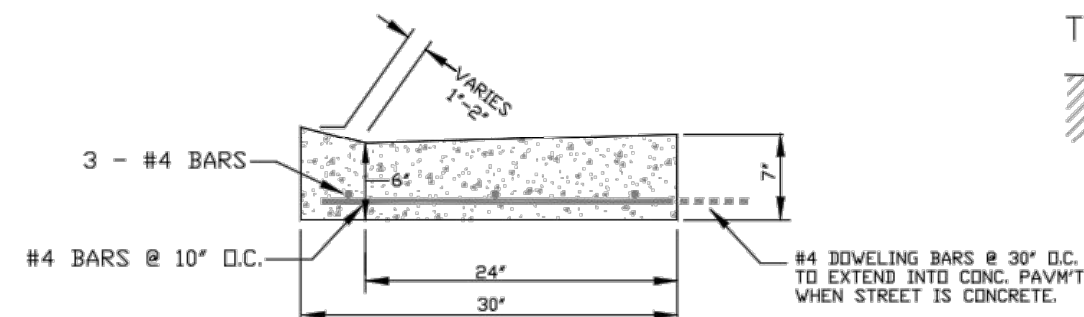
WITH REFERENCE TO SAVING OF CONTRACTION JOINTS ON SLIP FORM CURB & GUTTER, A CURB, PAGE 9.3, STANDARD SPEC'S THE SAW CUT SHALL BE A MINIMUM 1/8" WIDE X 1' DEEP.



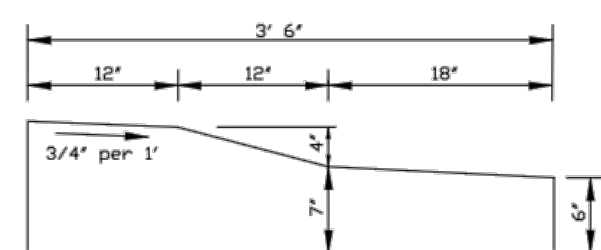
REINFORCED
CURB & GUTTER
BUS STOP LOCATIONS



MOUNTABLE CURB SECTION

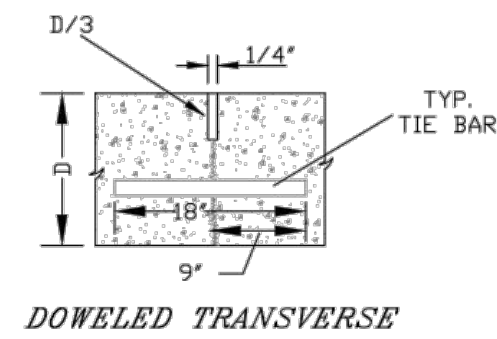
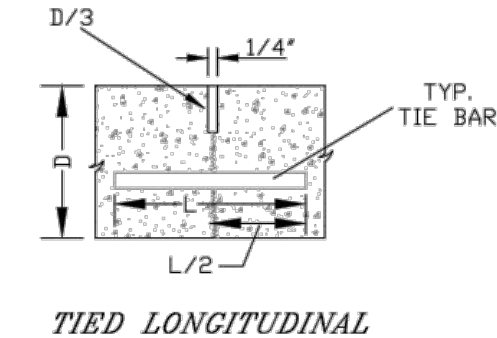
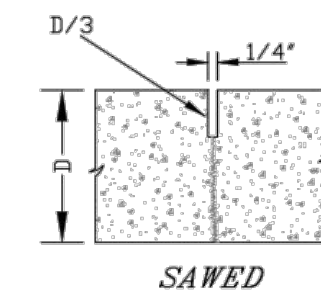


REINFORCED DRIVEWAY

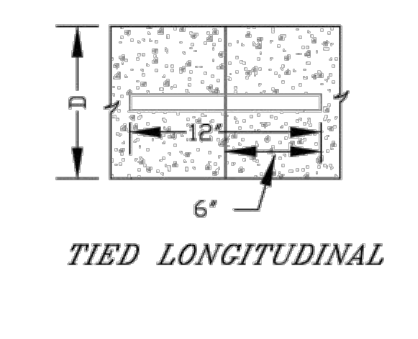
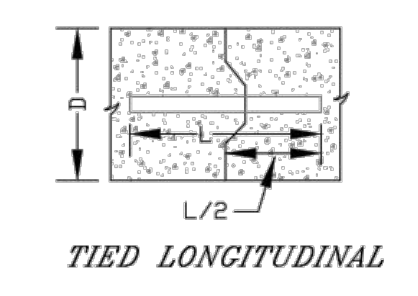
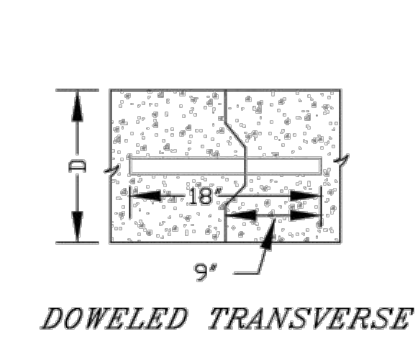


TRAFFIC CIRCLE CURB SECTION

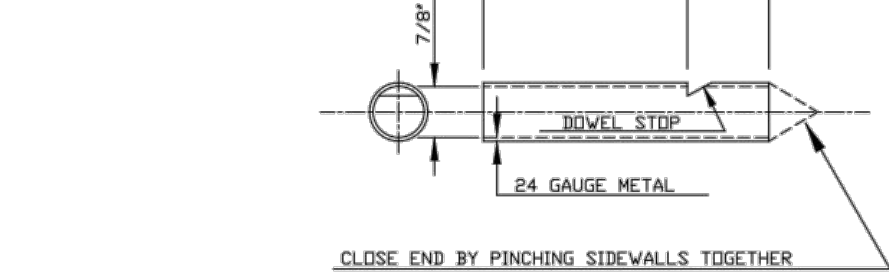
CONTRACTION



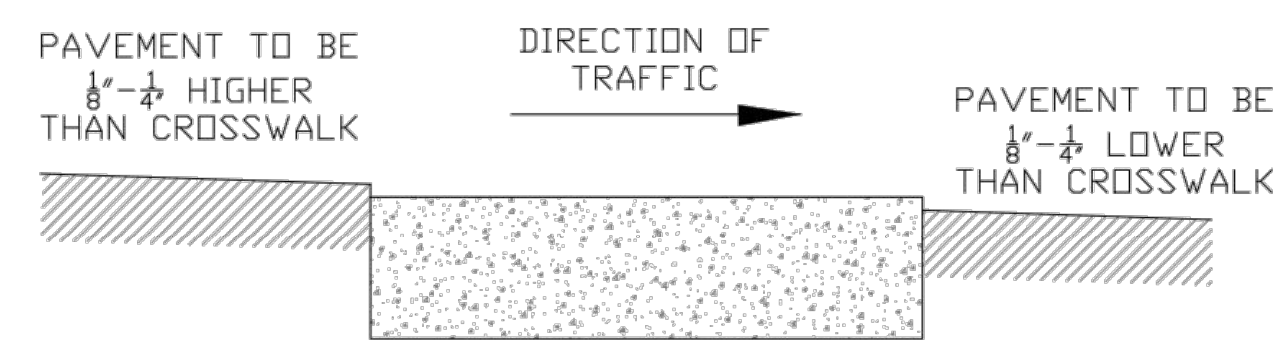
CONSTRUCTION



UNTIED



DOWEL SOCKET DETAIL



CONCRETE CROSSWALK DETAIL

PROJECT No.	CONCRETE-PAVEMENT DETAILS		
LOCATION			
RESOLUTION	DATE		
ENGINEERING DEPT. City of LaCrosse, Wis.			
FIELD BOOK	SURVEYED	BY	DATE
NUMBER	DRAWN	PRELIMINARY	
	CHECKED	FINAL	
PAGE	APPROVED		
	REVISIONS		
SCALE: NONE			
SHEET NO.	TOTAL SHEETS		

NOTE:
THE CLARITY OF THESE PLANS DEPEND
UPON COLOR COPIES. IF THIS TEXT DOES
NOT APPEAR IN COLOR, THIS IS NOT AN
ORIGINAL PLAN SET AND MAY RESULT IN
MISINTERPRETATION.

THIS DOCUMENT IS THE PROPERTY OF I & S GROUP,
INC. AND MAY NOT BE USED, COPIED OR DUPLICATED
WITHOUT PRIOR WRITTEN CONSENT.

PROJECT

5TH WARD
RESIDENCES

LA CROSSE WISCONSIN

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	20-24403
FILE NAME	24403 C0-DETAILS
DRAWN BY	CLF, SMD
DESIGNED BY	KBR
REVIEWED BY	KBR
ORIGINAL ISSUE DATE	9/17/2021
CLIENT PROJECT NO.	-

TITLE

SITE DETAILS

SHEET

STORM DRAIN STRUCTURE SCHEDULE								
STRUCTURE NO.	STRUCTURE TYPE	STRUCTURE SIZE (In)	STRUCTURE MATERIAL	CASTING	PAY HEIGHT LN FT	* TOP OF CASTING ELEVATION	INVERT ELEVATION	OUTLET PIPE
A-7	WisDOT MANHOLE	48 Ø	RC	NEENAH R-1670	7.03	644.64	637.61	P-46
A-8	OUTLET STRUCTURE	48 Ø	RC	NEENAH R-1670	6.60	646.85	640.25	P-8
A-9	WisDOT MANHOLE	48 Ø	RC	NEENAH R-2502 GRATE TYPE D	5.76	646.76	641.00	
A-10	WisDOT MANHOLE	48 Ø	RC	NEENAH R-2502 GRATE TYPE D	5.60	647.01	641.41	P-10
A-11	WisDOT MANHOLE	48 Ø	RC	NEENAH R-2502 GRATE TYPE D	5.03	647.00	641.97	P-11
A-12	DRAIN BASIN	12 Ø	PVC	12" PEDESTRIAN GRATE	5.35	646.91	641.55	P-12
A-13	DRAIN BASIN	12 Ø	PVC	12" PEDESTRIAN GRATE	4.02	646.83	642.81	P-13
A-15	WisDOT MANHOLE	48 Ø	RC	NEENAH R-2502 GRATE TYPE D	6.25	647.25	641.00	
A-16	WisDOT MANHOLE	48 Ø	RC	NEENAH R-2502 GRATE TYPE D	5.43	646.74	641.31	P-16
A-17	WisDOT MANHOLE	48 Ø	RC	NEENAH R-2502 GRATE TYPE D	4.61	646.91	642.30	P-17
A-18	DRAIN BASIN	15 Ø	PVC	15" PEDESTRIAN GRATE	5.32	647.35	642.02	P-18
A-19	DRAIN BASIN	12 Ø	PVC	12" PEDESTRIAN GRATE	5.01	647.45	642.44	P-19
A-20	CLEANOUT	10 Ø	HDPE	N/A	1.68	645.54	643.86	P-20
A-21	DRAIN BASIN	12 Ø	PVC	12" PEDESTRIAN GRATE	4.50	648.02	643.52	P-21
A-22	CLEANOUT	10 Ø	HDPE	N/A	1.67	648.68	647.00	P-22
A-23	DRAIN BASIN	12 Ø	PVC	12" PEDESTRIAN GRATE	3.92	647.52	643.60	P-23
A-24	CLEANOUT	8 Ø	HDPE	N/A	1.51	647.60	646.09	P-24

STORM DRAIN PIPE SCHEDULE									
PIPE NO.	DRAIN FROM	INLET ELEVATION	DRAIN TO	OUTLET ELEVATION	PIPE SIZE (IN)	MATERIAL	PIPE CLASS	PIPE GRADE	PIPE LENGTH (FT)
P-8	A-8	640.25	A-7	639.77	12	RCP	III	0.52%	92
P-10	A-10	641.41	A-9	641.00	12	RCP	III	0.50%	82
P-11	A-11	641.97	A-10	641.61	12	RCP	III	0.50%	72
P-12	A-12	641.55		641.00	12	HDPE	HDPE	1.00%	55
P-13	A-13	642.81	A-12	641.75	12	HDPE	HDPE	1.00%	105
P-16	A-16	641.31	A-15	641.00	18	RCP	III	0.50%	61
P-17	A-17	642.30	A-16	641.51	12	RCP	III	0.50%	159
P-18	A-18	642.02	A-16	641.51	12	HDPE	HDPE	0.50%	104
P-19	A-19	642.44	A-18	642.22	10	HDPE	HDPE	0.50%	44
P-20	A-20	643.86	A-19	643.26	10	HDPE	PERFORATED HDPE	0.25%	240
P-21	A-21	643.52	A-18	642.22	10	HDPE	HDPE	1.00%	130
P-22	A-22	647.00	A-21	646.35	10	HDPE	HDPE	0.25%	261
P-23	A-23	643.60	A-9	643.00	8	HDPE	HDPE	0.60%	100
P-24	A-24	646.09	A-23	645.66	8	HDPE	PERFORATED HDPE	0.25%	172



NOTE:
THE CLARITY OF THESE PLANS DEPEND
UPON COLOR COPIES. IF THIS TEXT DOES
NOT APPEAR IN COLOR, THIS IS NOT AN
ORIGINAL PLAN SET AND MAY RESULT IN
MISINTERPRETATION.

THIS DOCUMENT IS THE PROPERTY OF I & S GROUP,
INC. AND MAY NOT BE USED, COPIED OR DUPLICATED
WITHOUT PRIOR WRITTEN CONSENT.

PROJECT

5TH WARD
RESIDENCES

LA CROSSE WISCONSIN

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	20-24403
FILE NAME	24403 C3-SITE
DRAWN BY	CLF, SMD
DESIGNED BY	KBR
REVIEWED BY	KBR
ORIGINAL ISSUE DATE	9/17/2021
CLIENT PROJECT NO.	-

TITLE

UTILITY
SCHEDULES

SHEET

C0-20

STORM WATER POLLUTION PREVENTION PLAN NOTES:

GENERAL PROJECT INFORMATION:

PROJECT NARRATIVE:

This project consists of the construction of a 2 72-unit apartment buildings, 14 townhomes, 1 mixed use building, concrete pavement, asphalt pavement, curb & gutter, and concrete walk, along with all the necessary grading, utilities, storm water management, erosion control, and any additional components.

RESPONSIBLE PARTIES:

Owner are required to apply for and receive a Wisconsin Pollution Discharge Elimination System (WPDES) Stormwater Construction Permit from the WDNR at least 14 working days prior to beginning work.

Contractor and owner shall identify a person knowledgeable and experienced in the application of erosion prevention and sediment control BMP's who will oversee the implementation of the erosion control plan.

Company: Contact Person: Phone:

Company: Contact Person: Phone:

Owner shall identify the entity responsible for the long term Operation and Maintenance of the storm water management system.

Company: Contact Person: Phone:

PROJECT AREAS:

Total project size (disturbed area) = 3.95 acres
Minimum area requiring WDNR permit = 1.00 acres

****PROJECT DOES REQUIRE A WPDES PERMIT****

Existing area of impervious surface = 0.00 acres
Post construction area of impervious surface = 2.67 acres

Total new impervious surface area created = 2.67 acres

SOIL TYPE:

Poorly graded sand with silt.
Poorly graded sand.

CONSTRUCTION ACTIVITY NOTES:

EROSION PREVENTION:

Construction of silt fence and all other erosion control measures shall be complete before other construction activity occurs. Use phased construction wherever practical and establish turf as soon as possible to minimize sediment transport.

Temporary cover during construction is incidental.

Pipe outlets must be provided with temporary or permanent energy dissipation within 24 hours after connection to a surface water.

All disturbed areas shall be seeded and mulched at the earliest possible time to prevent/reduce erosion.

A. Seed for the biofiltratin basins and swales shall be WisDOT mix #75 with mix #60 as a nurse crop and shall meet Specification Section 630. All other seed shall be WisDOT mix #20 and shall meet Specification Section 630. Mulching shall be applied according to Specification Section 627.

B. Fertilizer shall be WisDOT Type B and shall meet Specification Section 629.

C. Temporary mulching shall be applied at a rate of 2 tons/acre. Mulch shall be disc anchored.

Additional erosion prevention measures may be found at the Wisconsin Department of Natural Resources Best Management Practices.

SEDIMENT CONTROL PRACTICES:

Construction of silt fence and all other erosion control measures shall be complete prior to land disturbing activities occur.

A tracking pad entrance or other approved alternatives must be constructed at the exit point from the project site.

Inlet erosion protection shall be installed and maintained until turf or pavement has been established.

The contractor shall be responsible to control erosion from leaving the construction zone. All eroded material that leaves the construction zone shall be collected by the contractor and returned to the site at the contractor's expense.

Contractor shall maintain a 50-foot natural buffer or use redundant sediment controls near surface waters if a buffer is not feasible.

Contractor shall take the necessary steps to minimize soil compaction and preserve topsoil on site.

All streets must be swept within 24 hours when any tracking occurs.

Silt fence or other effective erosion control measures must be installed around the perimeter of any soil stockpiled, including temporary stockpiles, at this location or any other on the project site. Stockpiles cannot be placed in surface waters, including storm water conveyances such as curb and gutter systems, or conduits and ditches.

DEWATERING AND BASIN DRAINING:

Dewater sediment-laden water to sedimentation basins if possible, or use other BMP's to prevent erosion when discharging to surface waters. Use appropriate energy dissipation measures on all discharges.

Dewatering practices cannot cause nuisance conditions, erosion or in receiving channels or inundation of wetlands resulting in adverse impacts.

POLLUTION PREVENTION:

All solid waste collected from the construction site must be disposed in accordance with all applicable regulations.

All hazardous materials (oil, gasoline, fuel, paint, etc) must be properly stored to prevent spills, leaks, or other discharge. Storage areas shall provide secondary containment and a hazardous materials spill kit. Equipment fueling and maintenance shall occur in a designated, contained area. Storage and disposal of hazardous waste must be in compliance with all applicable regulations. All runoff containing any hazardous material must be properly collected and disposed. No engine degreasing shall be allowed on site.

All sanitary wastes must be collected from portable units on site by a licensed sanitary waste management contractor. The units must be secured and shall be maintained on a regular basis as needed to prevent overfilling.

CONSTRUCTION ACTIVITY NOTES (CONTINUED):

Emergency Spill Plan - The Contractor is responsible for all construction personnel to be informed of the manufacturers' recommended spill cleanup methods, and the location of that information and cleanup supplies. The Contractor shall modify the SWPPP as required within seven calendar days of knowledge of the release to: provide a description of the release, the circumstances leading to the release, and the date of the release. Plans must identify measures to prevent the reoccurrence of such releases. If a spill occurs, the following steps shall be followed:

1. Observe the safety precautions associated with the spilled material. Stop the source of the spill, if you can do so safely. Call 911 if fire or public safety hazards are created.
2. Contain the spilled material. Dirt, sand, or any semi-impermeable material may be used to create a containment structure to prevent the material from flowing.
3. Report the spill to Wisconsin's Spill Hotline at (800) 943-0003.
4. Clean up the spilled material and dispose of the wastes properly.

The contractor is responsible for monitoring air pollution and ensuring it does not exceed levels set by local, state, or federal regulations. This includes dust created by work being performed on the site. Air pollution and dust control correction is considered incidental to the unit bid prices for which work is being performed. Additional dust control measures may be required by the Engineer.

Concrete washout onsite: All liquid and solid wastes generated by concrete washout operations must be contained in a leak-proof containment facility or impermeable liner. A compacted clay liner that does not allow washout liquids to enter ground water is considered an impermeable liner. The liquid and solid wastes must not contact the ground, and there must not be runoff from the concrete washout operations or areas. Liquid and solid wastes must be disposed of properly. A sign must be installed adjacent to each washout facility to inform concrete equipment operators to utilize the proper facilities.

INSPECTION AND MAINTENANCE:

The Permittees must routinely inspect the construction site once every seven (7) days during active construction and within 24 hours of a rainfall event greater than 0.5 inches in a 24 hour period.

All inspections performed during construction must be recorded and records retained with the erosion plan in accordance with the Permit. Contractor is responsible for keeping a record of all rainfall data & erosion control maintenance until final establishment of turf.

Erosion control and other BMP's must be replaced, repaired, or supplemented when they reach 33% design load.

FINAL STABILIZATION:

The Contractor must ensure final stabilization of the site. The Contractor must submit a Notice of Termination when the site has undergone final stabilization and all stormwater discharges associated with the construction site activities that require to have WPDES coverage have ceased.

All temporary erosion control measures and BMP's must be removed as part of the final site stabilization.

The storm water permit further defines final stabilization and its requirements.



NOTE:
THE CLARITY OF THESE PLANS DEPEND
UPON COLOR COPIES. IF THIS TEXT DOES
NOT APPEAR IN COLOR, THIS IS NOT AN
ORIGINAL PLAN SET AND MAY RESULT IN
MISINTERPRETATION.

THIS DOCUMENT IS THE PROPERTY OF I & S GROUP,
INC. AND MAY NOT BE USED, COPIED OR DUPLICATED
WITHOUT PRIOR WRITTEN CONSENT.

PROJECT

5TH WARD
RESIDENCES

LA CROSSE WISCONSIN

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	20-24403
FILE NAME	24403 C0-DETAILS
DRAWN BY	CLF, SMD
DESIGNED BY	KBR
REVIEWED BY	KBR
ORIGINAL ISSUE DATE	9/17/2021
CLIENT PROJECT NO.	-

TITLE

EROSION
CONTROL NOTES

SHEET

C1-10



NOTE:
THE CLARITY OF THESE PLANS DEPEND UPON COLOR COPIES. IF THIS TEXT DOES NOT APPEAR IN COLOR, THIS IS NOT AN ORIGINAL PLAN SET AND MAY RESULT IN MISINTERPRETATION.

THIS DOCUMENT IS THE PROPERTY OF I & S GROUP, INC. AND MAY NOT BE USED, COPIED OR DUPLICATED WITHOUT PRIOR WRITTEN CONSENT.

PROJECT

5TH WARD RESIDENCES

LA CROSSE WISCONSIN

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

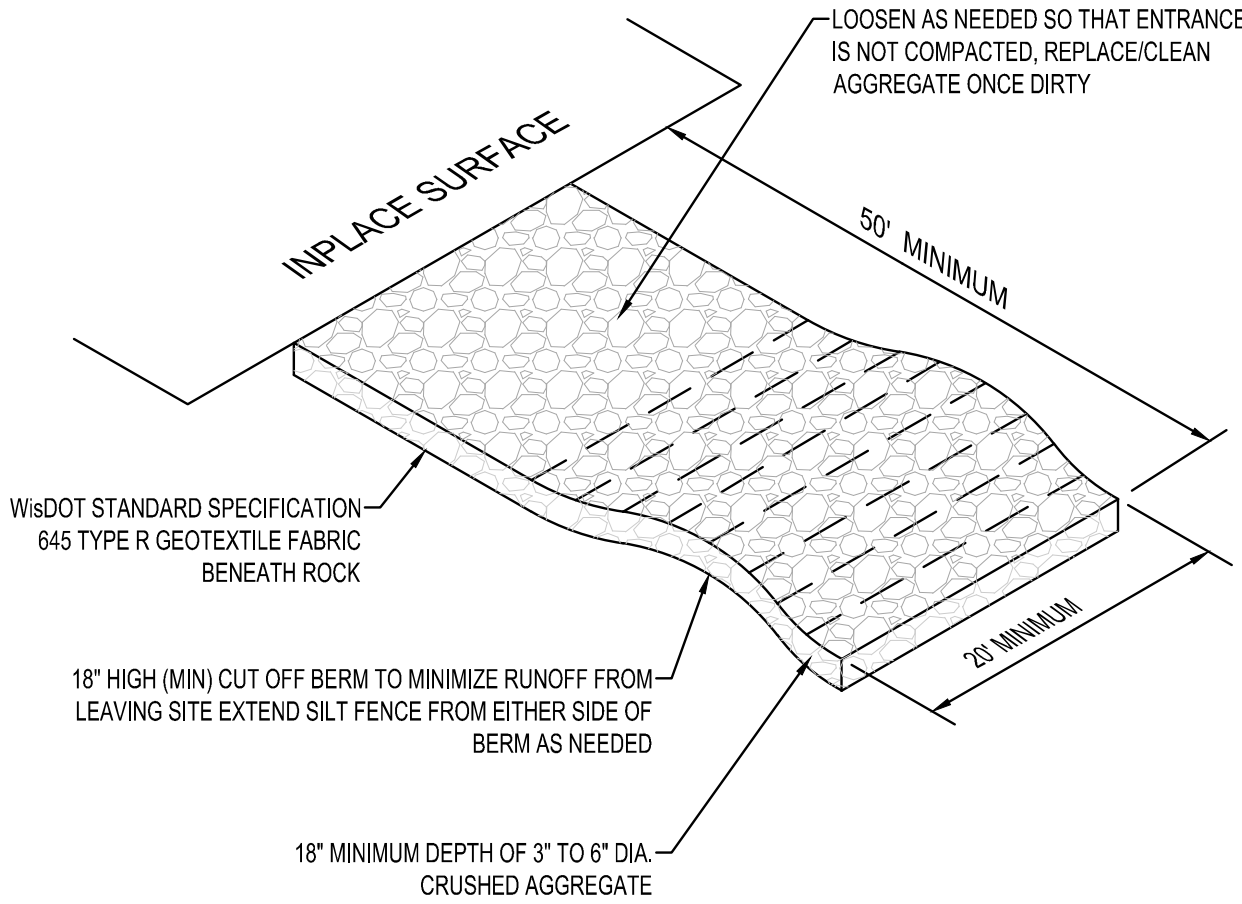
PROJECT NO.	20-24403
FILE NAME	24403 CO-DETAILS
DRAWN BY	CLF, SMD
DESIGNED BY	KBR
REVIEWED BY	KBR
ORIGINAL ISSUE DATE	9/17/2021
CLIENT PROJECT NO.	-

TITLE

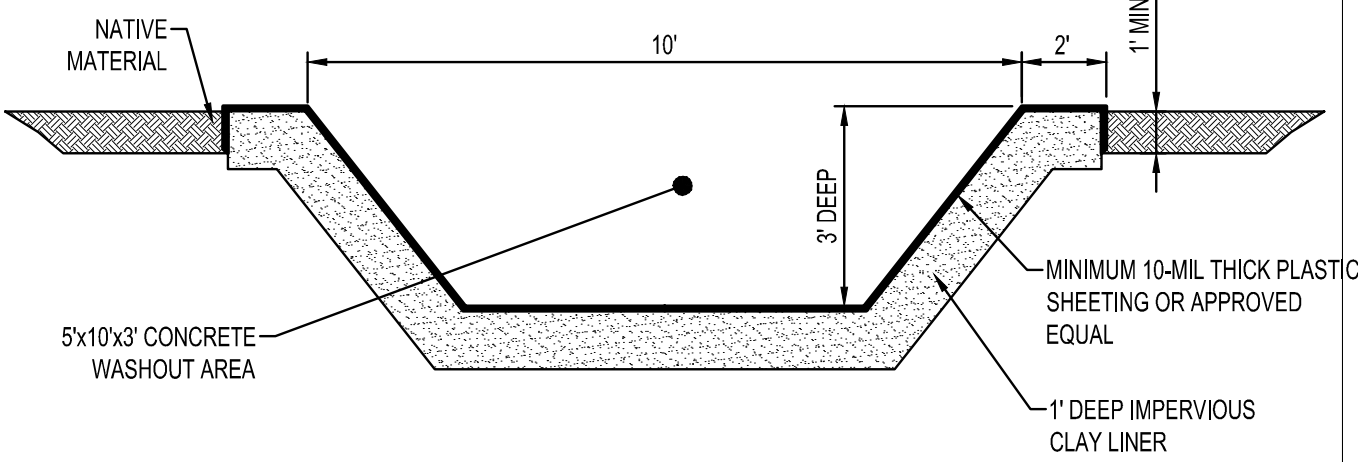
EROSION CONTROL DETAILS

SHEET

C1-11



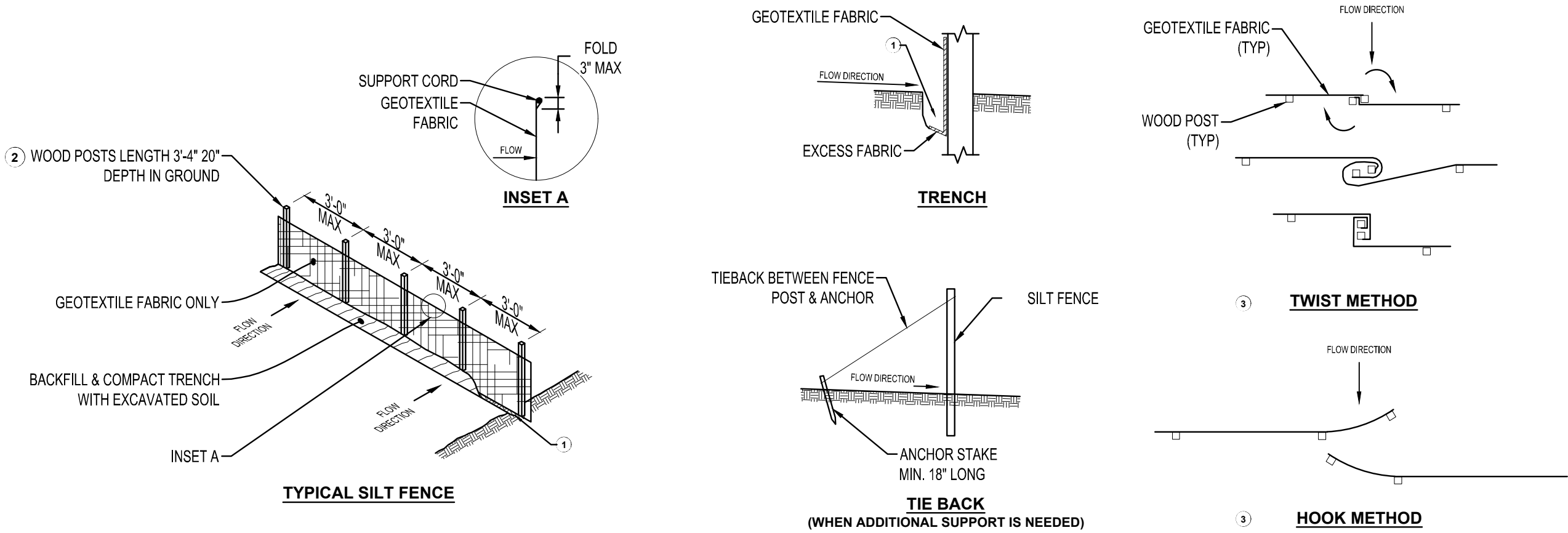
ROCK TRACKING PAD
NTS EC600



NOTES:

- CONTRACTOR SHALL INSTALL A SIGN INDICATING THE CONCRETE WASHOUT AREA.
- CONTRACTOR SHALL MAINTAIN WASHOUT AREA TO REMOVE MATERIALS BEYOND 75% CAPACITY.
- WASHOUT AREA SHALL NOT BE PLACED WITHIN 50' OF STORM DRAINS, OPEN DITCHES OR BODIES OF WATER.
- CONTRACTOR SHALL INSPECT WASHOUT AREA AS NECESSARY TO PREVENT LEAKS AND OVER TOPPING.
- WASHOUT AREA SHALL BE REMOVED AFTER CONSTRUCTION IS COMPLETE.

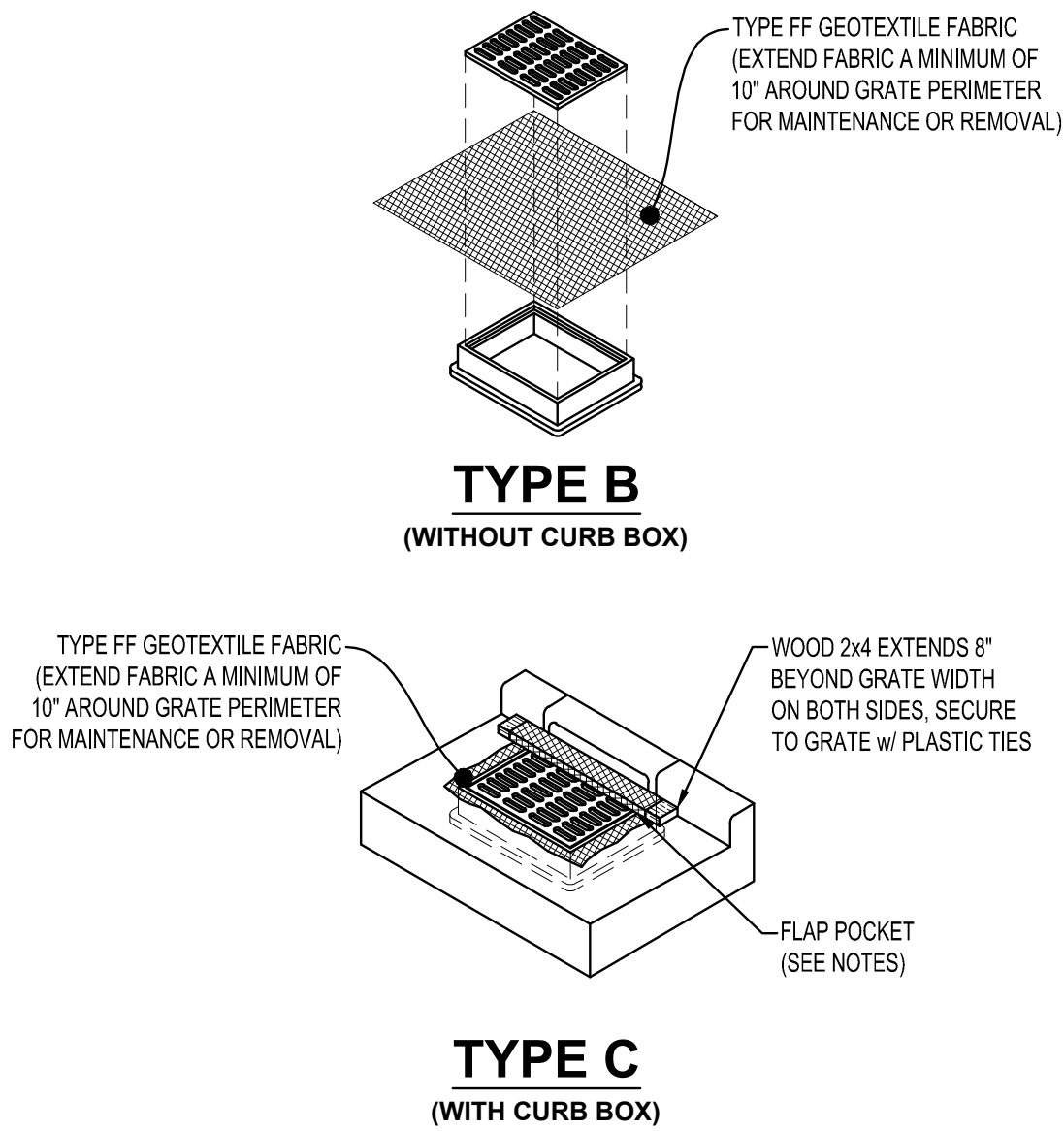
CONCRETE WASHOUT
NTS EC500



NOTES:

- ATTACH FABRIC TO THE POSTS WITH WIRE STAPLES OR WOODEN LATH & NAILS. ADDITIONAL POST DEPTH OR TIE BACKS MAY BE REQUIRED IN UNSTABLE SOILS.
- 8'-0" POST SPACING ALLOWED IF A WOVEN GEOTEXTILE FABRIC IS USED.
- TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY & ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH, BACKFILL, & COMPACT TRENCH WITH EXCAVATED SOIL.
- WOOD POST SHALL BE A MINIMUM SIZE OF 1 1/2" x 1 1/2" OF OAK OR HICKORY.
- CONSTRUCT SILT FENCE FROM A CONTINUOUS ROLL IF POSSIBLE BY CUTTING LENGTHS TO AVOID JOINTS. IF A JOINT IS NECESSARY USE ONE OF THE FOLLOWING TWO METHODS.
 - TWIST METHOD - OVERLAP THE END POSTS & TWIST, OR ROTATE AT LEAST 180°.
 - HOOK METHOD - HOOK END OF EACH SILT FENCE LENGTH.

SILT FENCE
NTS EC100

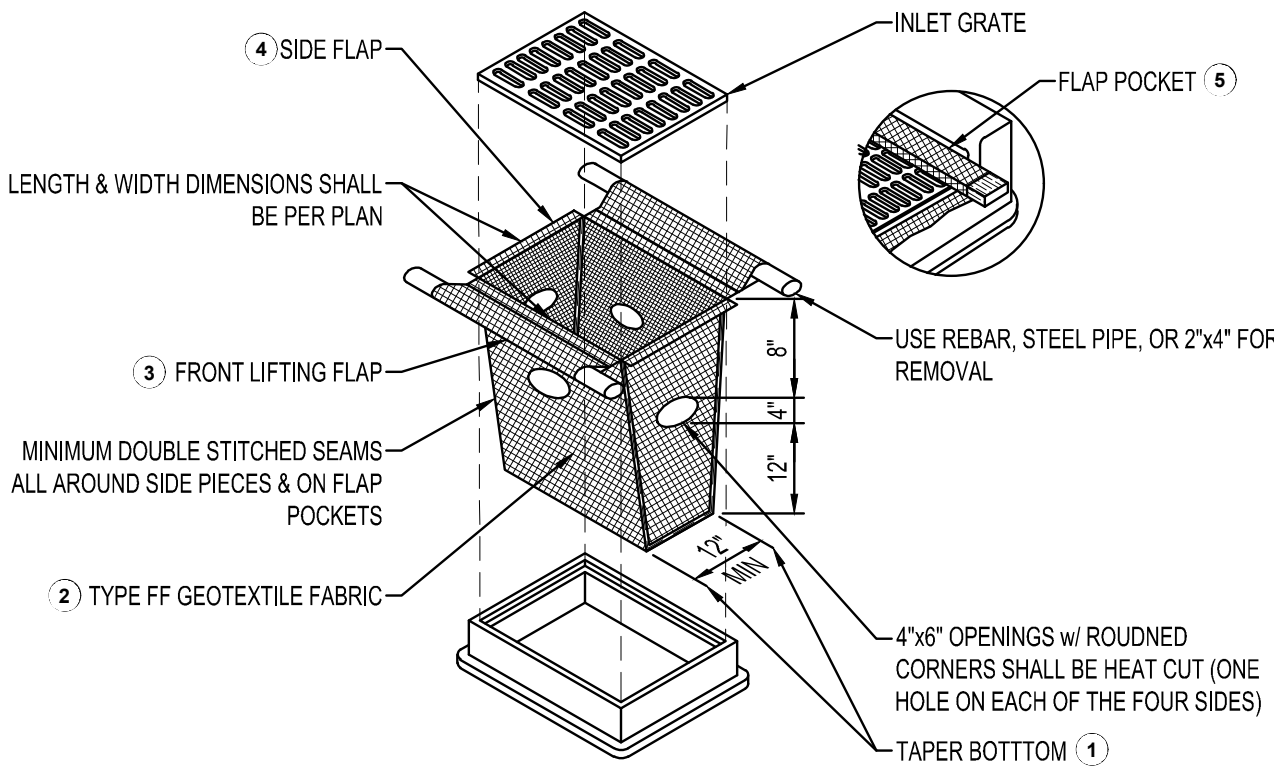


NOTES:

FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2" x 4". THE REBAR, STEEL PIPE, OR WOOD SHALL BE INSTALLED IN THE REBAR FLAP AND SHALL NOT BLOCK THE TOP HALF OF THE CURB FACE OPENING.

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

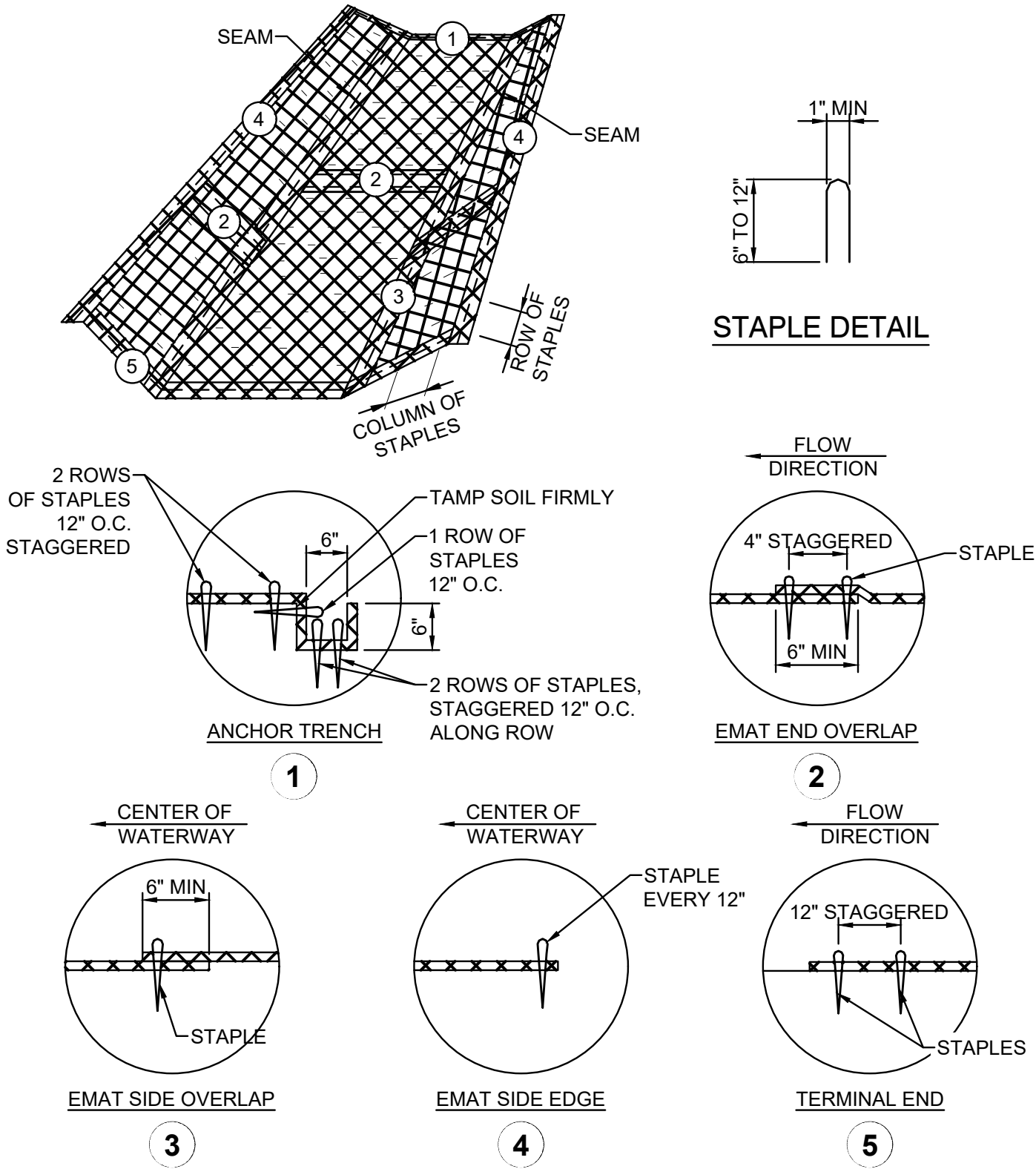
**TYPES B & C
INLET PROTECTION**
NTS EC221



NOTES:

- TAPER BOTTOM OF BAG TO MAINTAIN THREE INCHES OF CLEARANCE BETWEEN THE BAG & THE STRUCTURE MEASURED FROM THE BOTTOM OF THE OVERFLOW OPENINGS TO THE STRUCTURE WALL.
 - GEOTEXTILE FABRIC TYPE FF FOR FLAPS, TOP & BOTTOM OF OUTSIDE OF FILTER BAG. FRONT, BACK, & BOTTOM OF FILTER BAG BEING ONE PIECE.
 - FRONT LIFTING FLAP IS TO BE USED WHEN REMOVING & MAINTAINING FILTER BAG.
 - SIDE FLAPS SHALL BE A MAXIMUM OF TWO INCHES LONG. FOLD THE FABRIC OVER & REINFORCE WITH MULTIPLE STITCHES.
 - FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2" x 4". THE REBAR, STEEL PIPE, OR WOOD SHALL BE INSTALLED IN THE REBAR FLAP & SHALL NOT BLOCK THE TOP HALF OF THE CURB FACE OPENING.
- CAN BE INSTALLED IN INLETS WITH OR WITHOUT CURB BOXES
- WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED IN THE FABRIC DOES NOT FALL INTO THE STRUCTURE. MATERIAL THAT HAS FALLEN INTO THE INLET SHALL BE IMMEDIATELY REMOVED.

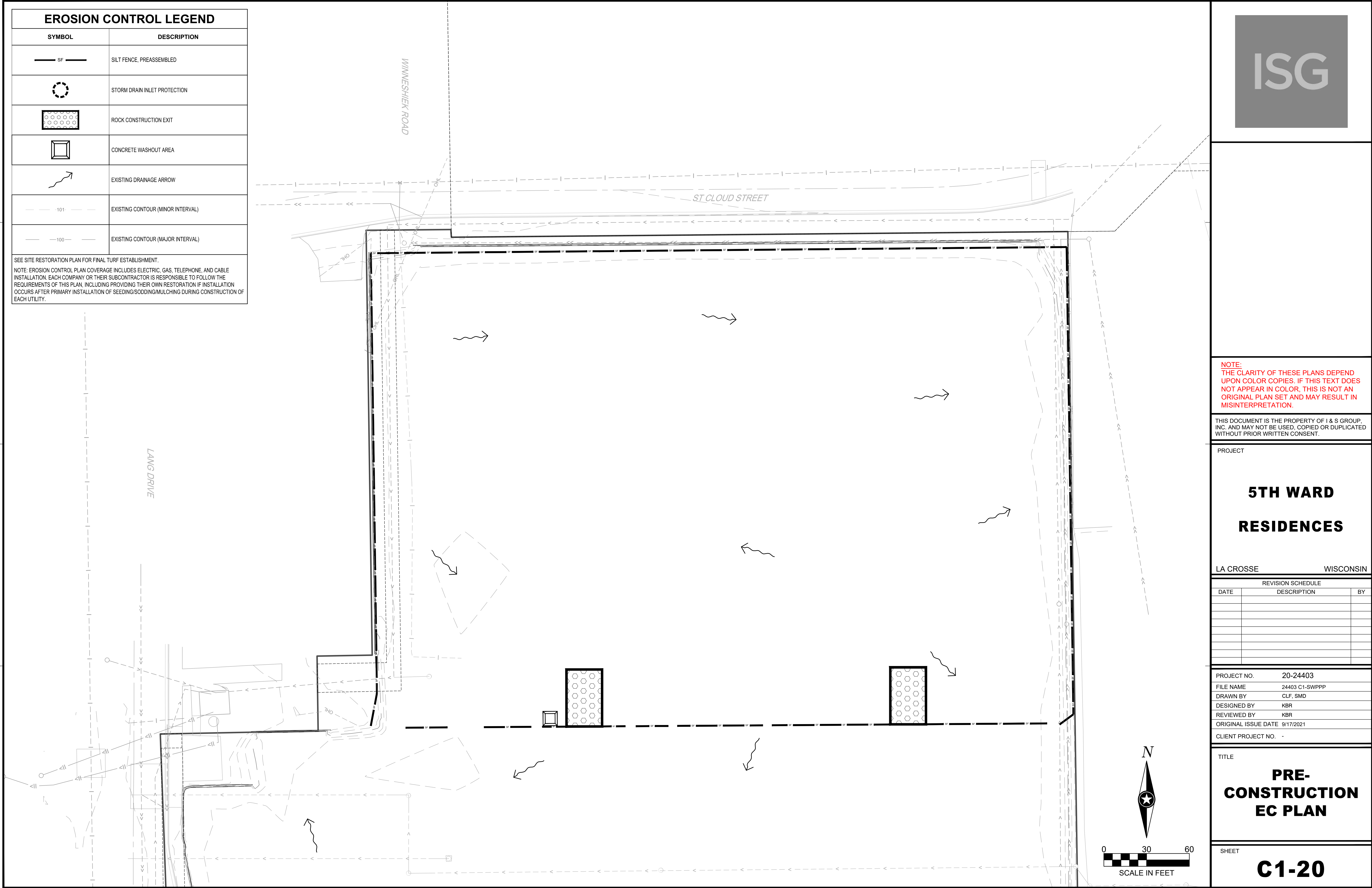
**TYPE D
INLET PROTECTION**
NTS EC222



NOTES:

- INSTALL EROSION MAT (EMAT) OVER WATERWAYS AS SHOWN IN THE EROSION CONTROL PLAN.
- THE EMAT SHALL CONFORM TO WISDOT STANDARD SPECIFICATIONS SECTION 628.
- PREPARE SOIL PRIOR TO INSTALLING EMAT, INCLUDING SEEDING AND FERTILIZING.
- THE EMAT SHALL BE PLACED IN FIRM CONTACT WITH THE SOIL AND NOT BE ALLOWED TO BRIDGE OVER SURFACE IRREGULARITIES. THE MAT SHALL NOT BE STRETCHED.
- START LAYING THE MATS BY ROLLING CENTER MAT IN THE DIRECTION OF FLOW, CENTERED ON THE CENTERLINE OF WATERWAY. THERE SHALL NOT BE AN OVERLAP OF MATS AT THE CENTER OF THE WATERWAY.
- THE EMAT SHALL BE ANCHORED, OVERLAPPED, AND STAPLED ACCORDING TO MANUFACTURER'S INSTRUCTIONS. IF NO MANUFACTURER'S INSTRUCTIONS ARE AVAILABLE, INSTALL THE MAT AS FOLLOWS.
 - STAPLES SHALL BE "U" SHAPED, 0.12" DIAMETER WIRE OR GREATER (#11 GAUGE). (SEE STAPLE DETAIL FOR DIMENSIONS)
 - BURY UPSTREAM END OF MAT IN A TRENCH 6" WIDE BY 6" DEEP AND STAPLED IN STAGGERED ROWS ACROSS THE WIDTH AS SHOWN IN DETAIL 1.
 - FOR JOINING ENDS OF ROLLS, OVERLAP END OF UP SLOPE MAT A MINIMUM OF 6" OVER DOWN SLOPE MAT (SHINGLE STYLE). USE A DOUBLE ROW OF STAGGERED STAPLES 4" APART, AS SHOWN IN DETAIL 2.
 - MATS ON SIDE SLOPES SHALL OVERLAP A MINIMUM OF 6" OVER THE MAT BELOW (SHINGLE STYLE). STAPLE OVERLAP AT 12" INTERVALS. (SEE DETAIL 3)
 - THE OUTER EDGE ALONG SIDES OF THE MAT SHALL BE STAPLED EVERY 12". (SEE DETAIL 4)
 - STAPLES ARE TO BE PLACED ALTERNATELY IN COLUMNS (IN THE DIRECTION OF THE WATERWAY) 2' APART AND IN ROWS (ACROSS THE WATERWAY) 3' APART THROUGHOUT THE AREA COVERED BY THE ECM.
 - DOWNSTREAM (TERMINAL) END OF BLANKET SHALL BE STAPLED WITH A DOUBLE ROW OF STAGGERED STAPLES 12" APART. (SEE DETAIL 5)

EROSION MAT INSTALLATION
NTS EC700





NOTE:
THE CLARITY OF THESE PLANS DEPEND
UPON COLOR COPIES. IF THIS TEXT DOES
NOT APPEAR IN COLOR, THIS IS NOT AN
ORIGINAL PLAN SET AND MAY RESULT IN
MISINTERPRETATION.

THIS DOCUMENT IS THE PROPERTY OF I & S GROUP,
INC. AND MAY NOT BE USED, COPIED OR DUPLICATED
WITHOUT PRIOR WRITTEN CONSENT.

PROJECT

5TH WARD
RESIDENCES

LA CROSSEWISCONSIN

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.

20-24403

FILE NAME

24403 C1-SWPPP

DRAWN BY

CLF, SMD

DESIGNED BY

KBR

REVIEWED BY

KBR

ORIGINAL ISSUE DATE

9/17/2021

CLIENT PROJECT NO.

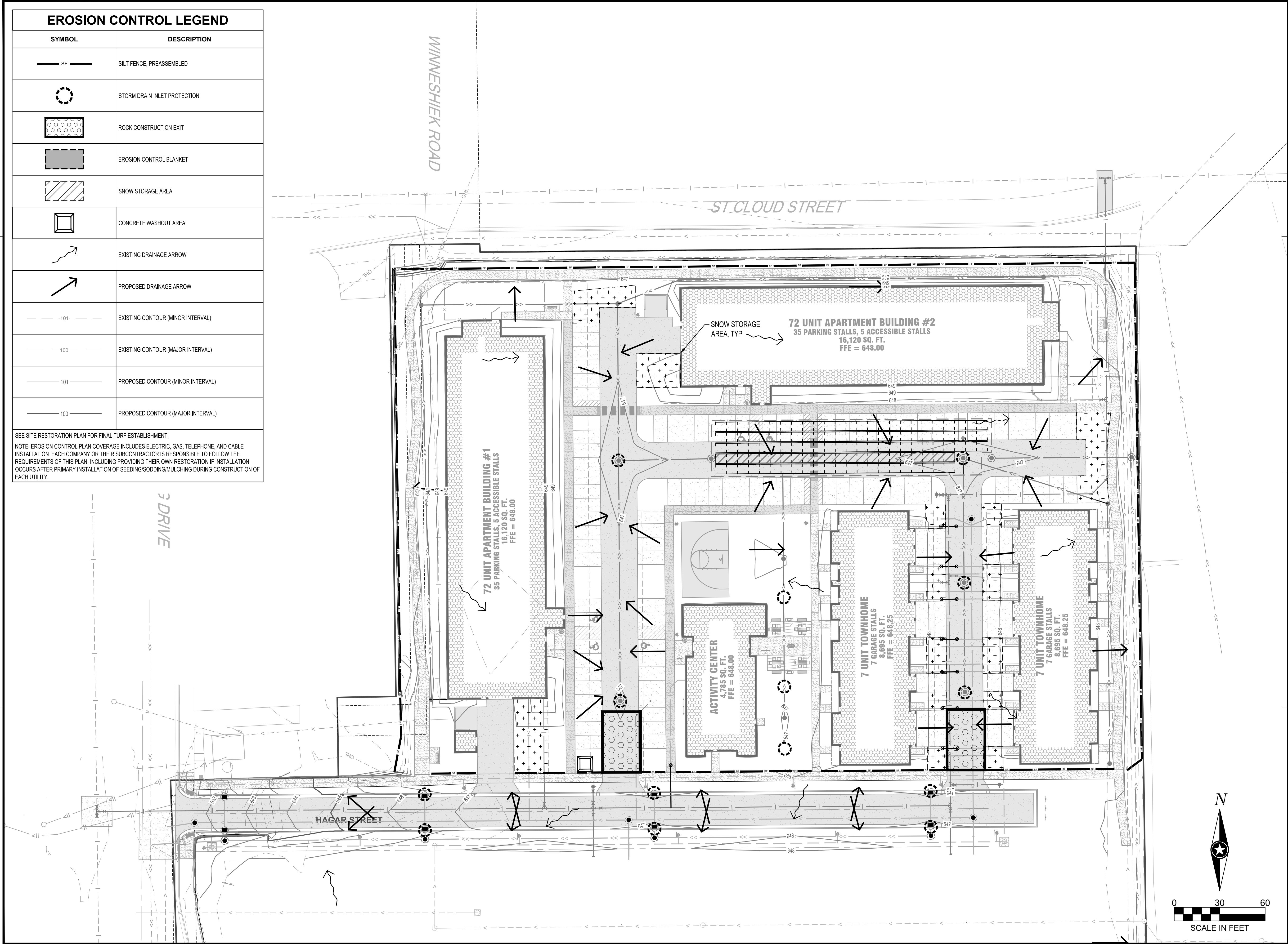
-

TITLE

PRE-
CONSTRUCTION
EC PLAN

SHEET

C1-20



NOTE:
THE CLARITY OF THESE PLANS DEPEND
UPON COLOR COPIES. IF THIS TEXT DOES
NOT APPEAR IN COLOR, THIS IS NOT AN
ORIGINAL PLAN SET AND MAY RESULT IN
MISINTERPRETATION.

THIS DOCUMENT IS THE PROPERTY OF I & S GROUP,
INC. AND MAY NOT BE USED, COPIED OR DUPLICATED
WITHOUT PRIOR WRITTEN CONSENT.

PROJECT

5TH WARD
RESIDENCES

LA CROSSE WISCONSIN

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	20-24403
FILE NAME	24403 C1-SWPPP
DRAWN BY	CLF, SMD
DESIGNED BY	KBR
REVIEWED BY	KBR
ORIGINAL ISSUE DATE	9/17/2021
CLIENT PROJECT NO.	-

TITLE

PROPOSED EC
PLAN

SHEET

C1-30

REMOVAL LEGEND

SYMBOL	DESCRIPTION
	REMOVE BITUMINOUS PAVEMENT
	REMOVE CONCRETE WALK

CONTRACTOR SHALL VERIFY EXISTING PAVEMENT SECTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
PAVEMENT REMOVALS SHALL INCLUDE FULL DEPTH SAWCUT & SECTION REMOVAL.

WINNESHIEK ROAD

REMOVE CURB AND GUTTER AND
BITUMINOUS PAVEMENT FOR
WATERMAIN TIE IN

ST CLOUD STREET

REMOVE AND SALVAGE RETAINING WALL BLOCKS

LANG DRIVE

PROPERTY LINE,
TYP

REMOVE EXISTING
BITUMINOUS PAVEMENT

REMOVE EXISTING SIDEWALK



NOTE:
THE CLARITY OF THESE PLANS DEPEND
UPON COLOR COPIES. IF THIS TEXT DOES
NOT APPEAR IN COLOR, THIS IS NOT AN
ORIGINAL PLAN SET AND MAY RESULT IN
MISINTERPRETATION.

THIS DOCUMENT IS THE PROPERTY OF I & S GROUP,
INC. AND MAY NOT BE USED, COPIED OR DUPLICATED
WITHOUT PRIOR WRITTEN CONSENT.

PROJECT

5TH WARD
RESIDENCES

LA CROSSE WISCONSIN

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	20-24403
FILE NAME	24403 C2-EXIST
DRAWN BY	CLF, SMD
DESIGNED BY	KBR
REVIEWED BY	KBR
ORIGINAL ISSUE DATE	9/17/2021
CLIENT PROJECT NO.	-

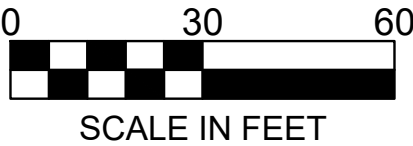
TITLE

EXISTING SITE &
REMOVAL PLAN

SHEET

C2-10

N



SITE FURNISHINGS	
(A)	BENCH
(B)	BIKE RACK
(C)	TABLE AND CHAIRS
(D)	TRASH RECEPTACLE

SITE LEGEND	
SYMBOL	DESCRIPTION
①	ACCESSIBLE RAMP, DETECTABLE WARNING, & 2-3 FT CURB TAPERS
②	DETECTABLE WARNING
③	3 FT CURB TAPER
④	2 FT CURB TAPER

DENSITY COMPUTATIONS	
PROPOSED UNITS	158
SITE AREA (AC)	3
DENSITY (UNITS/AC)	40

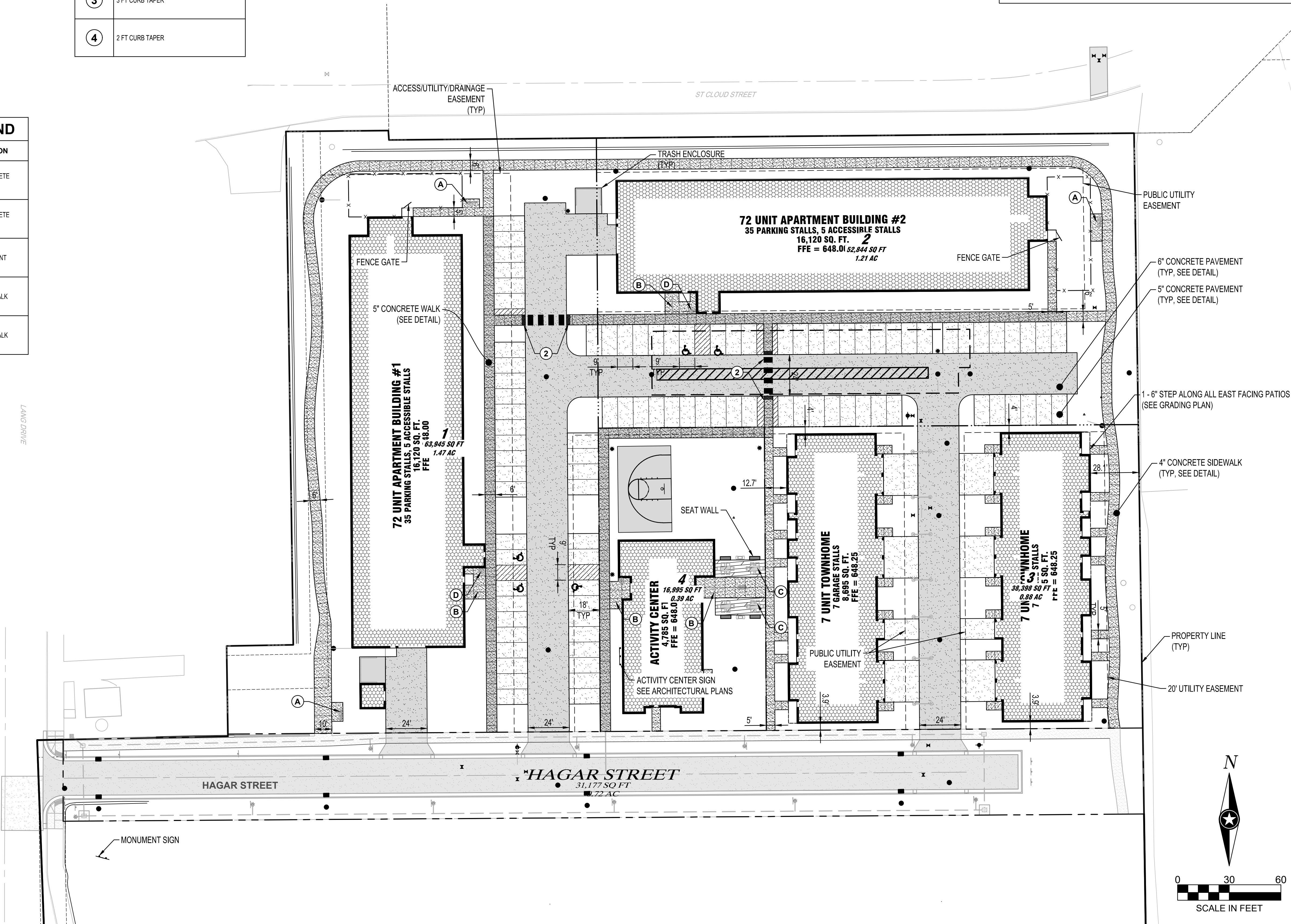
BICYCLE PARKING DATA	
TYPE	SPACES PROVIDED
PROPOSED SPACES (OUTSIDE)	22
PROPOSED SPACES (INDOOR)	40
PROPOSED SPACES (GARAGE)	14
TOTAL	76

PARKING DATA	
TYPE	STALLS PROVIDED
PROPOSED STALLS (OUTSIDE)	79
PROPOSED STALLS (INDOOR)	84
PROPOSED STALLS (GARAGE)	16
ACCESSIBLE STALLS	13
TOTAL	179

SITE AREA SUMMARY		UNITS		UNITS		PERCENT
PROPOSED BUILDINGS	52,375	SF	1.20	AC		30%
IMPERVIOUS AREA (PARKING/SIDEWALK)	60,613	SF	1.39	AC		35%
OPEN AREA	59,192	SF	1.36	AC		35%
PROPOSED AREA	172,180	SF	3.95	AC		100%
PROPOSED ROW	31,177	SF	0.72	AC		
TOTAL AREA	203,357	SF	4.67	AC		



PAVEMENT LEGEND	
SYMBOL	DESCRIPTION
	6" STANDARD CONCRETE PAVEMENT
	5" STANDARD CONCRETE PAVEMENT
	BITUMINOUS PAVEMENT
	5" CONCRETE SIDEWALK
	4" CONCRETE SIDEWALK



NOTE:
THE CLARITY OF THESE PLANS DEPEND
UPON COLOR COPIES. IF THIS TEXT DOES
NOT APPEAR IN COLOR, THIS IS NOT AN
ORIGINAL PLAN SET AND MAY RESULT IN
MISINTERPRETATION.

THIS DOCUMENT IS THE PROPERTY OF I & S GROUP,
INC. AND MAY NOT BE USED, COPIED OR DUPLICATED
WITHOUT PRIOR WRITTEN CONSENT.

PROJECT

5TH WARD RESIDENCES

LA CROSSE WISCONSIN

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	20-24403
FILE NAME	24403 C3-SITE
DRAWN BY	CLF, SMD
DESIGNED BY	KBR
REVIEWED BY	KBR
ORIGINAL ISSUE DATE	9/17/2021
CLIENT PROJECT NO.	-

PROPOSED SITE PLAN

SHEET

C3-10



NOTE:
THE CLARITY OF THESE PLANS DEPEND
UPON COLOR COPIES. IF THIS TEXT DOES
NOT APPEAR IN COLOR, THIS IS NOT AN
ORIGINAL PLAN SET AND MAY RESULT IN
MISINTERPRETATION.

THIS DOCUMENT IS THE PROPERTY OF I & S GROUP,
INC. AND MAY NOT BE USED, COPIED OR DUPLICATED
WITHOUT PRIOR WRITTEN CONSENT.

PROJECT

5TH WARD RESIDENCES

LA CROSSE WISCONSIN

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	20-24403
FILE NAME	24403 C3-SITE
DRAWN BY	CLF, SMD
DESIGNED BY	KBR
REVIEWED BY	KBR
ORIGINAL ISSUE DATE	9/17/2021
CLIENT PROJECT NO.	-

PROPOSED UTILITY PLAN

SHEET

C3-20

UTILITY LEGEND

EXISTING	PROPOSED
--->>---	STORM DRAIN
--->---	SANITARY SEWER
---II>---	SANITARY SEWER FORCEMAIN
---I---	WATER MAIN
---G---	GAS
---OE---	OVERHEAD ELECTRIC
---UE---	UNDERGROUND ELECTRIC
---UT---	UNDERGROUND TELEPHONE
---UTV---	UNDERGROUND TV
---OHL---	OVERHEAD UTILITY
---UTL---	UNDERGROUND UTILITY
---FBO---	FIBER OPTIC

NOTE:
CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS OF ALL EXISTING UTILITIES.

WINNESHIEK ROAD

ST CLOUD STREET

LANG DRIVE

72 UNIT APARTMENT BUILDING #1
35 PARKING STALLS, 5 ACCESSIBLE STALLS
16,120 SQ. FT.
FFE = 63,945 SQ. FT.
1.47 AC

72 UNIT APARTMENT BUILDING #2
35 PARKING STALLS, 5 ACCESSIBLE STALLS
16,120 SQ. FT.
FFE = 648,011 SQ. FT.
1.21 AC

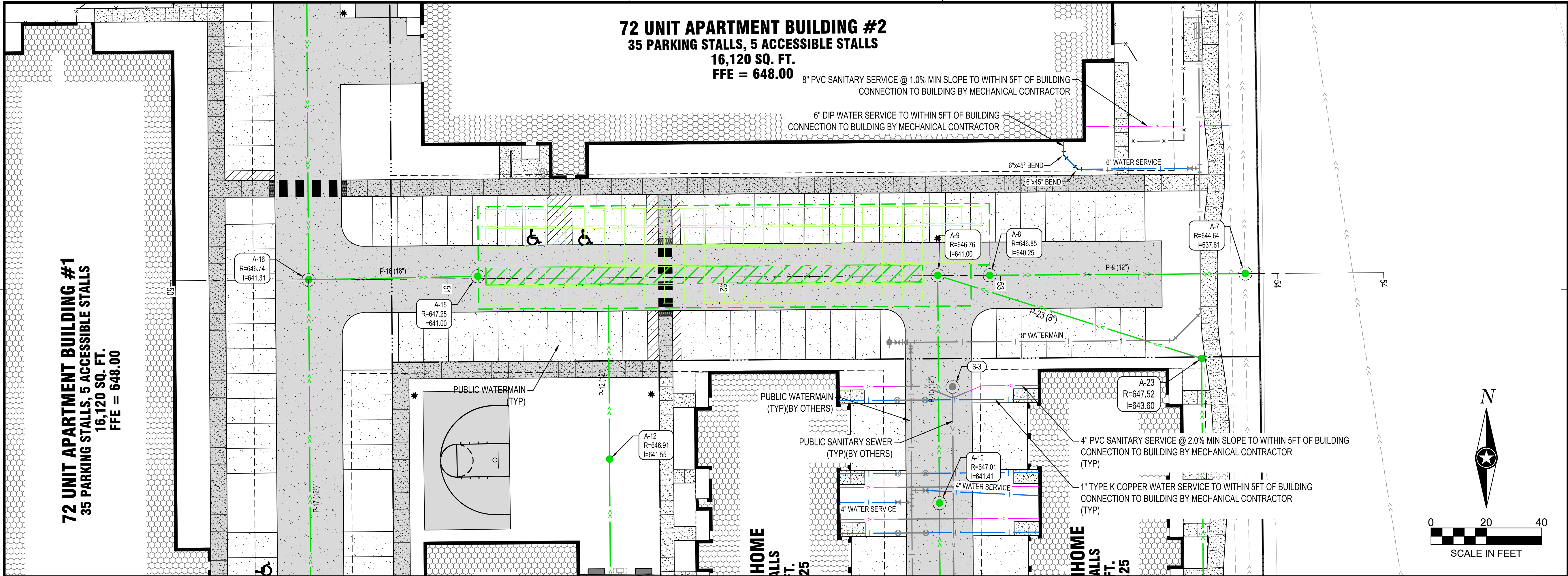
ACTIVITY CENTER
4,785 SQ. FT.
FFE = 648.0

7 UNIT TOWNHOME
7 GARAGE STALLS
FFE = 646.25

7 UNIT TOWNHOME
7 GARAGE STALLS
FFE = 646.25

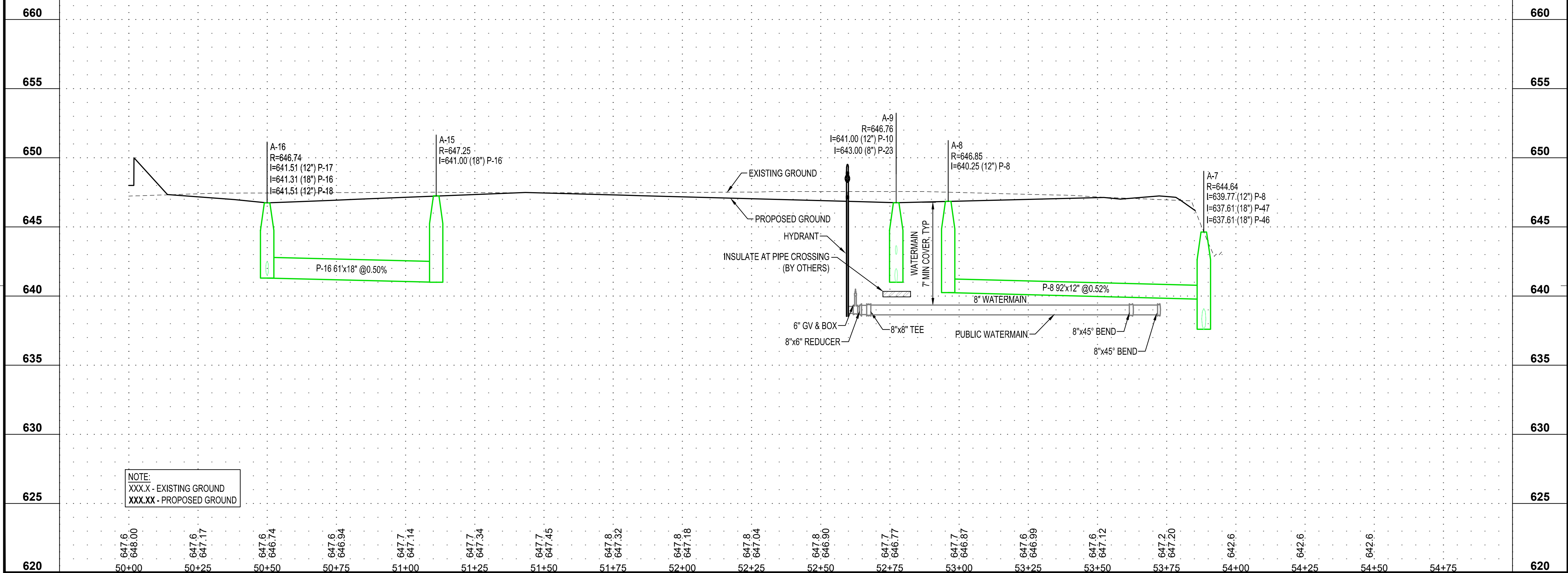
N

0 30 60
SCALE IN FEET

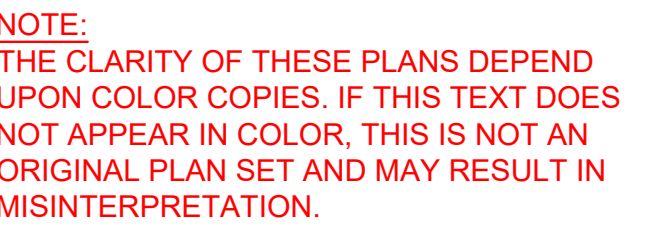


NOTE:
THE CLARITY OF THESE PLANS DEPEND
UPON COLOR COPIES. IF THIS TEXT DOES
NOT APPEAR IN COLOR, THIS IS NOT AN
ORIGINAL PLAN SET AND MAY RESULT IN
MISINTERPRETATION.

THIS DOCUMENT IS THE PROPERTY OF I & S GROUP,
INC. AND MAY NOT BE USED, COPIED OR DUPLICATED
WITHOUT PRIOR WRITTEN CONSENT.



PROJECT
5TH WARD RESIDENCES
LA CROSSE WISCONSIN
REVISION SCHEDULE
DATE DESCRIPTION BY
PROJECT NO. 20-24403
FILE NAME 24403 C3-P&P
DRAWN BY CLF, SMD
DESIGNED BY KBR
REVIEWED BY KBR
ORIGINAL ISSUE DATE 9/17/2021
CLIENT PROJECT NO. -
TITLE
UTILITY PLAN & PROFILE
SHEET
C3-30



THIS DOCUMENT IS THE PROPERTY OF I & S GROUP,
INC. AND MAY NOT BE USED, COPIED OR DUPLICATED
WITHOUT PRIOR WRITTEN CONSENT.

PROJECT

5TH WARD RESIDENCES

A CROSSE

WISCONSIN

[illegible]

PROJECT NO. 20-24403

FILE NAME	24403 C3-P&P
-----------	--------------

RAWN BY CLF, SMD

DESIGNED BY KBR

REVIEWED BY KBR

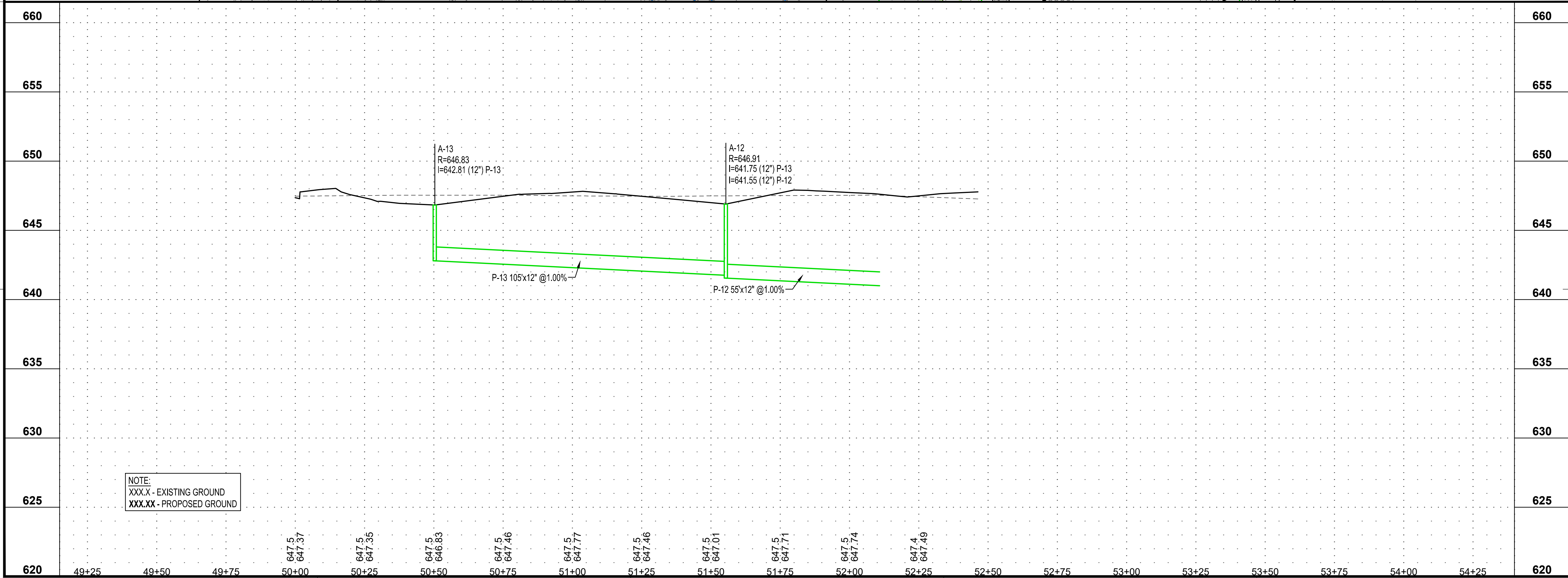
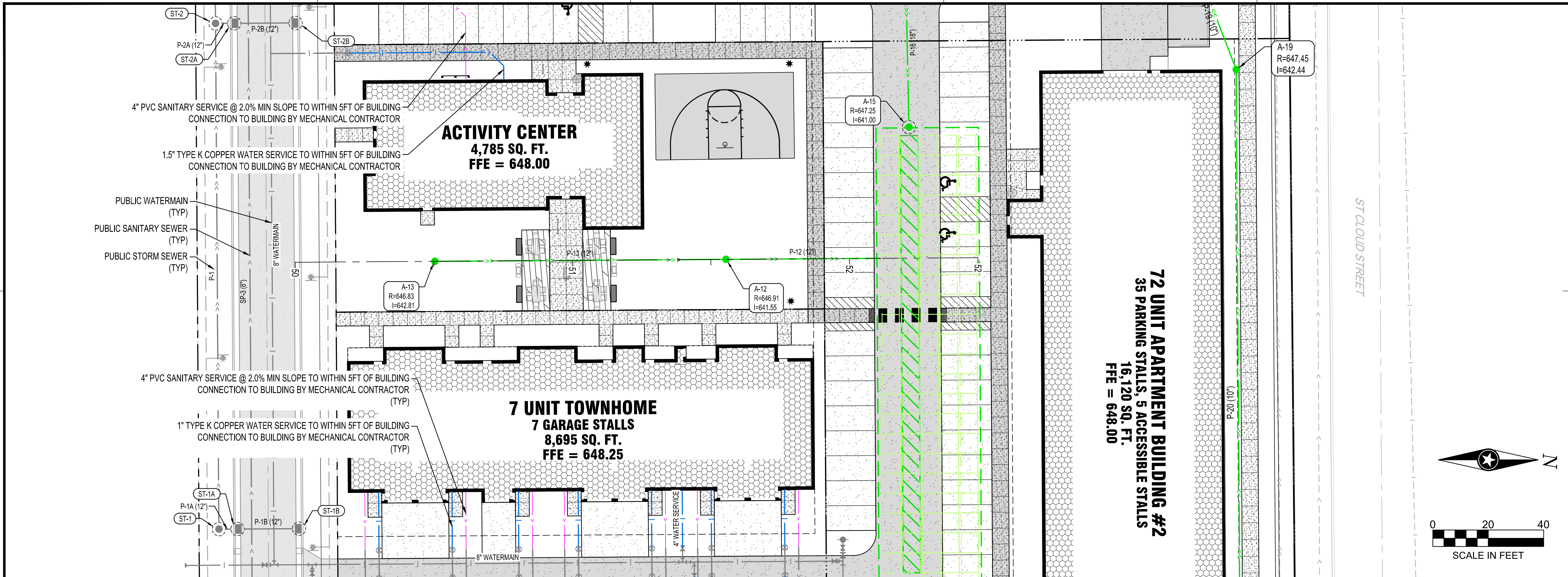
ORIGINAL ISSUE DATE 9/17/2021

CLIENT PROJECT NO. -

UTILITY PLAN & PROFILE

SHEET

C3-31



5TH WARD RESIDENCES

LA CROSSE WISCONSIN

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

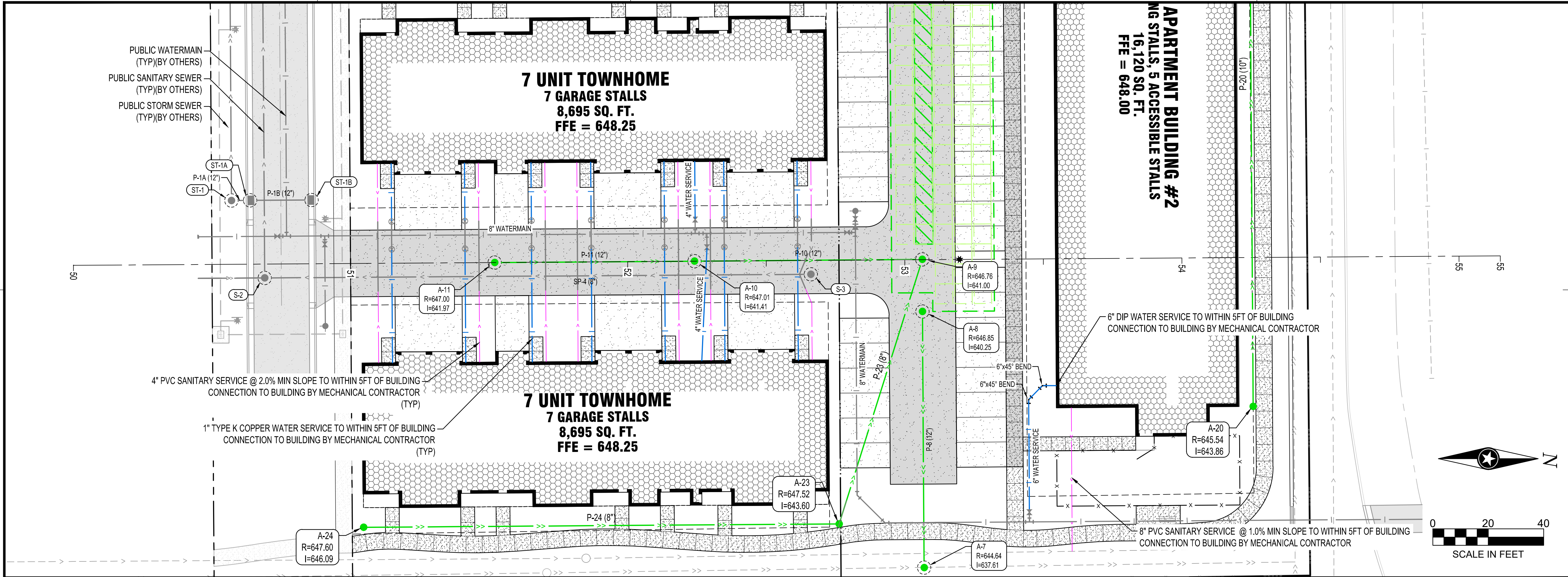
PROJECT NO.	20-24403
FILE NAME	24403 C3-P&P
DRAWN BY	CLF, SMD
DESIGNED BY	KBR
REVIEWED BY	KBR
ORIGINAL ISSUE DATE	9/17/2021
CLIENT PROJECT NO.	-

TITLE

UTILITY PLAN & PROFILE

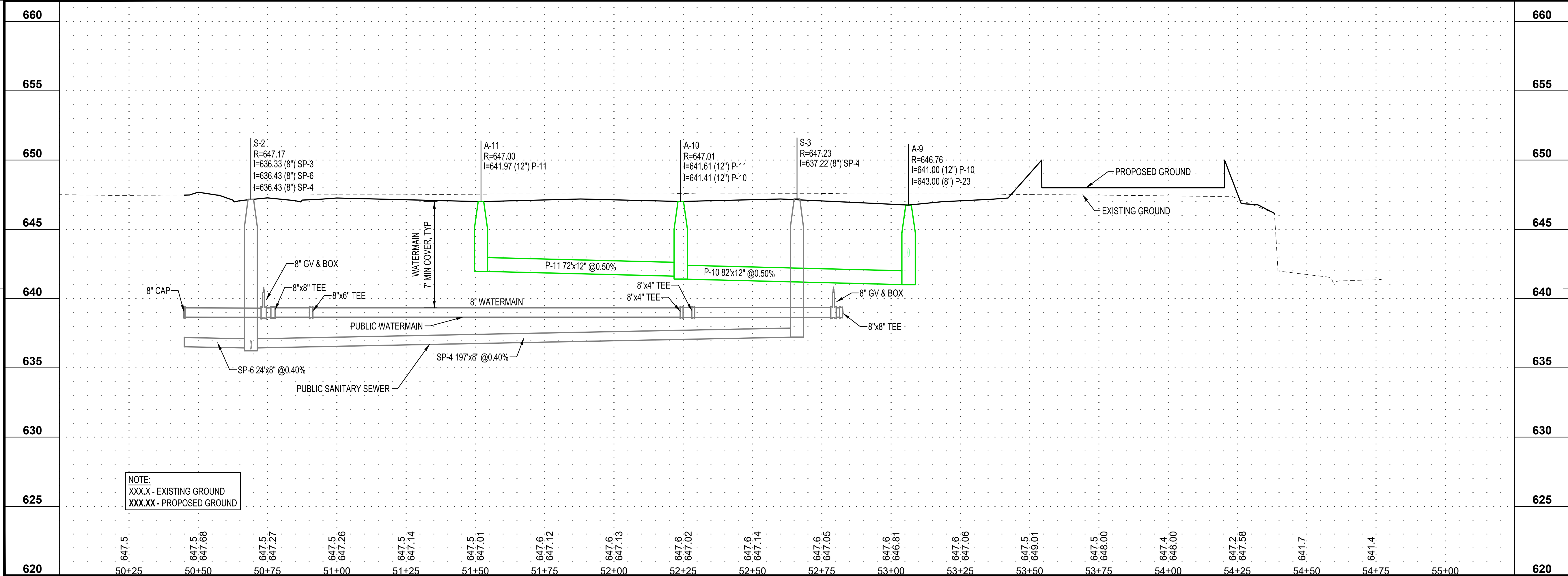
SHEET

C3-32



NOTE:
THE CLARITY OF THESE PLANS DEPEND
UPON COLOR COPIES. IF THIS TEXT DOES
NOT APPEAR IN COLOR, THIS IS NOT AN
ORIGINAL PLAN SET AND MAY RESULT IN
MISINTERPRETATION.

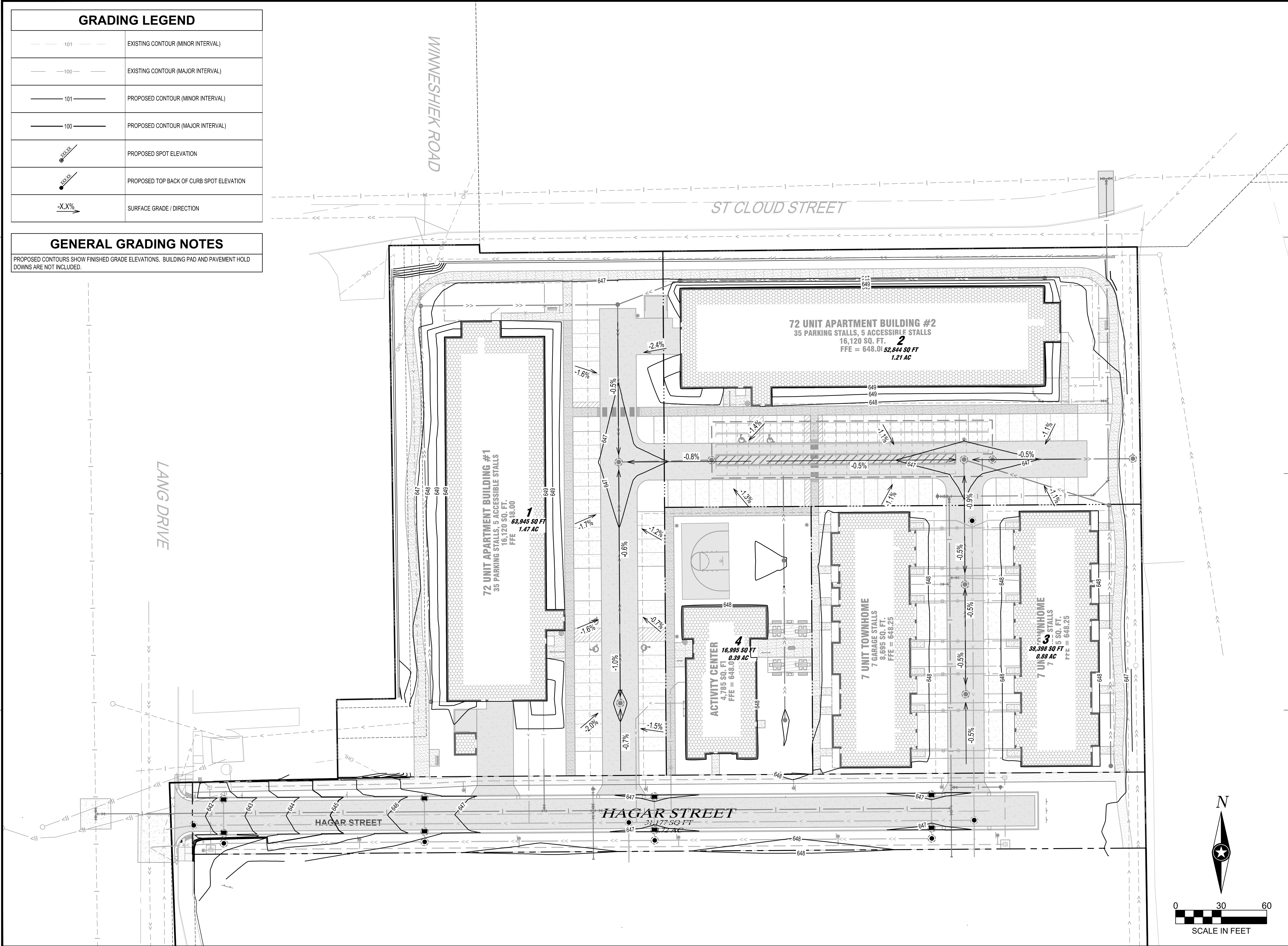
THIS DOCUMENT IS THE PROPERTY OF I & S GROUP,
INC. AND MAY NOT BE USED, COPIED OR DUPLICATED
WITHOUT PRIOR WRITTEN CONSENT.



PROJECT
5TH WARD RESIDENCES
LA CROSSE WISCONSIN
REVISION SCHEDULE
DATE DESCRIPTION BY
PROJECT NO. 20-24403
FILE NAME 24403 C3-P&P
DRAWN BY CLF, SMD
DESIGNED BY KBR
REVIEWED BY KBR
ORIGINAL ISSUE DATE 9/17/2021
CLIENT PROJECT NO. -
TITLE
UTILITY PLAN & PROFILE
SHEET
C3-33

GRADING LEGEND	
	EXISTING CONTOUR (MINOR INTERVAL)
	EXISTING CONTOUR (MAJOR INTERVAL)
	PROPOSED CONTOUR (MINOR INTERVAL)
	PROPOSED CONTOUR (MAJOR INTERVAL)
	PROPOSED SPOT ELEVATION
	PROPOSED TOP BACK OF CURB SPOT ELEVATION
	SURFACE GRADE / DIRECTION

GENERAL GRADING NOTES
PROPOSED CONTOURS SHOW FINISHED GRADE ELEVATIONS. BUILDING PAD AND PAVEMENT HOLD DOWNS ARE NOT INCLUDED.



NOTE:
THE CLARITY OF THESE PLANS DEPEND
UPON COLOR COPIES. IF THIS TEXT DOES
NOT APPEAR IN COLOR, THIS IS NOT AN
ORIGINAL PLAN SET AND MAY RESULT IN
MISINTERPRETATION.

THIS DOCUMENT IS THE PROPERTY OF I & S GROUP,
INC. AND MAY NOT BE USED, COPIED OR DUPLICATED
WITHOUT PRIOR WRITTEN CONSENT.

PROJECT

5TH WARD RESIDENCES

LA CROSSE WISCONSIN

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

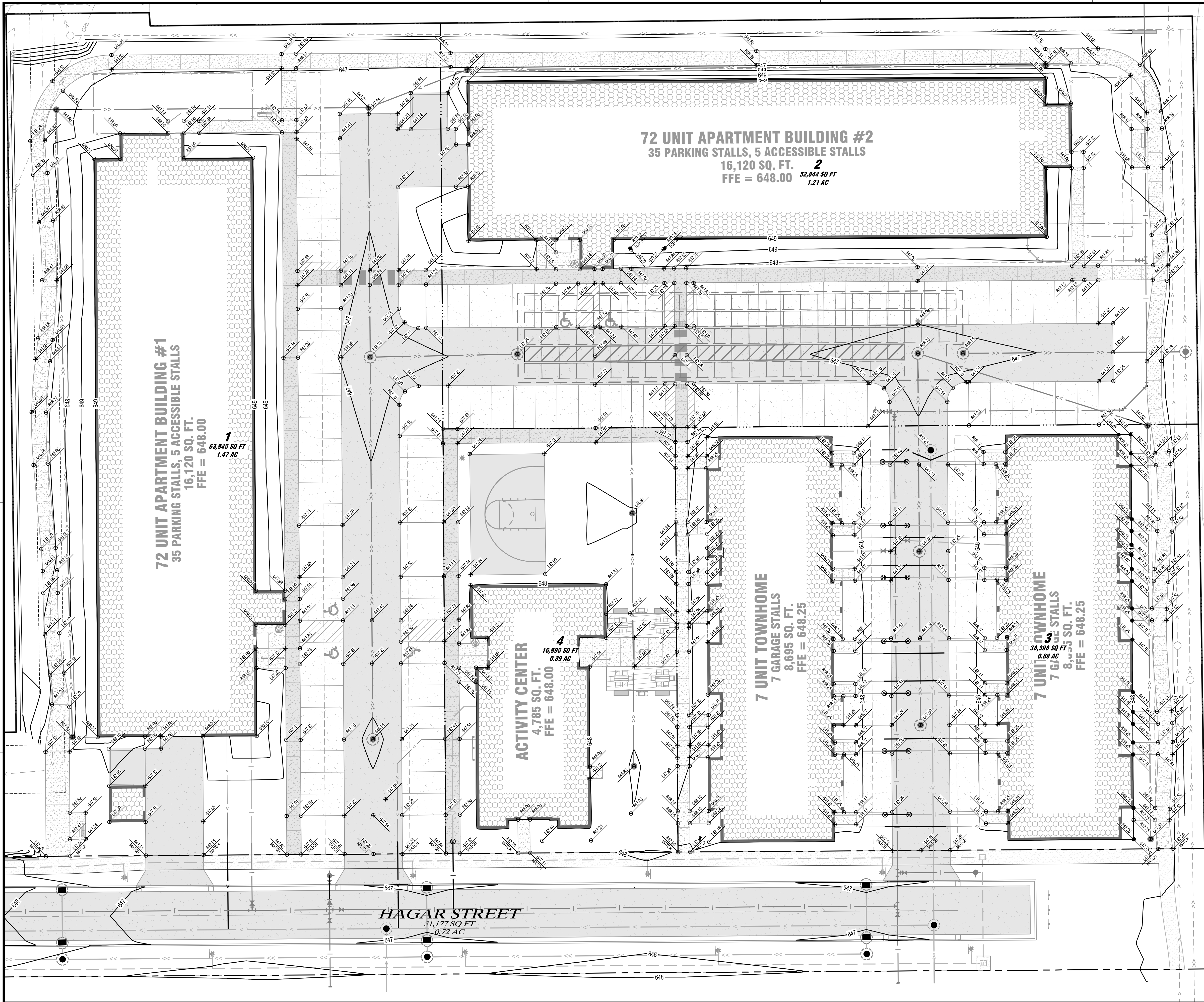
PROJECT NO.	20-24403
FILE NAME	24403 C4-GRADE
DRAWN BY	CLF, SMD
DESIGNED BY	KBR
REVIEWED BY	KBR
ORIGINAL ISSUE DATE	9/17/2021
CLIENT PROJECT NO.	-

TITLE

PROPOSED GRADING PLAN

SHEET

C4-10



NOTE:
THE CLARITY OF THESE PLANS DEPEND
UPON COLOR COPIES. IF THIS TEXT DOES
NOT APPEAR IN COLOR, THIS IS NOT AN
ORIGINAL PLAN SET AND MAY RESULT IN
MISINTERPRETATION.

THIS DOCUMENT IS THE PROPERTY OF I & S GROUP,
INC. AND MAY NOT BE USED, COPIED OR DUPLICATED
WITHOUT PRIOR WRITTEN CONSENT.

PROJECT

5TH WARD RESIDENCES

LA CROSSE WISCONSIN

REVISION SCHEDULE		
DATE	DESCRIPTION	BY

PROJECT NO.	20-24403
FILE NAME	24403 C4-GRADE
DRAWN BY	CLF, SMD
DESIGNED BY	KBR
REVIEWED BY	KBR
ORIGINAL ISSUE DATE	9/17/2021
CLIENT PROJECT NO.	-

TITLE

DETAILED GRADING PLAN

SHEET

C4-20