

Traditional Neighborhood Development Zoning							
Public Street	Setback	Right of Way					
Farnam Street	3.2 feet	66 feet					
7th Street	4.8 feet	66 feet					
Hood Street	2.2 feet	66 feet					
Alley	4.8 feet	20 feet					

GENERAL NOTES:

BE REMOVED FROM THE SITE.

1. SIDEWALKS TO CONFORM TO THE STANDARD SPECIFICATIONS FOR THE CITY OF LA CROSSE, WISCONSIN. THE PUBLIC SIDEWALKS MUST BE 5 INCHES THICK.

2. WATER SERVICES ON 7TH ST S WERE PREVIOUSLY DISCONNECTED AND PLUGGED. IF DISTURBED DURING EXCAVATION, CONTACT PUBLIC WORKS TO COORDINATE END POINT RELOCATION OR DISCONNECTION AT THE MAIN. 3. SANITARY SEWER SERVICE ON HOOD ST WAS PREVIOUSLY DISCONNECTED AND PLUGGED. IF DISTURBED DURING EXCAVATION, THE PLUG SHALL BE CUT BACK BEYOND THE EXCAVATION LIMITS AND DOCUMENTED WITH PUBLIC WORKS. 4. SNOW STORAGE IS ONLY AVAILABLE EITHER SIDE OF THE RAMP TO THE GARAGE IN THE GREEN SPACE BETWEEN THE SIDEWALKS AND THE RAMP. ANY EXCESS SNOW WILL BE REQUIRED TO

> OWNERS/DEVELOPERS FARNHAM FLATS LLC 18106 WOOLMAN DRIVE MINNETONKA, MN 55343

ENGINEER & SURVEYOR G-CUBED INC. 14070 HWY. 52 SE CHATFIELD, MN 55923

WM	
SAN	
 OVHE	
 —— U.E. ———	
TEL	
— GAS ——	
WAT	
 	_

wv 💥

STOP GV

● ○

44

(S)

> \bowtie Т

			REVISED	BY	DATE	CITV OF IACDOCCF	
ING	DESIGNED	MRW	PRELIM PLAN	ADB	4/17/2019	CITI OF LACROSSE	
IG	DRAWN	ADB	REVIEW	ADB	5/6/2019	LACROSSE COUNTY	
G		ADB	SUBMITTAL	ADB	6/14/2019		
6 5	CHECKED	MRW	RESUBMITTAL	ADB	9/18/2019	BENCHMARK:	
						TNH IN THE NORTHEAST QUANDRANT OF THE INTERSECTION BETWEEN 7TH STREET S AND FARNAM ST WITH AN ELEVATION OF 672.39	

FARNAM FLATS SITE PLAN

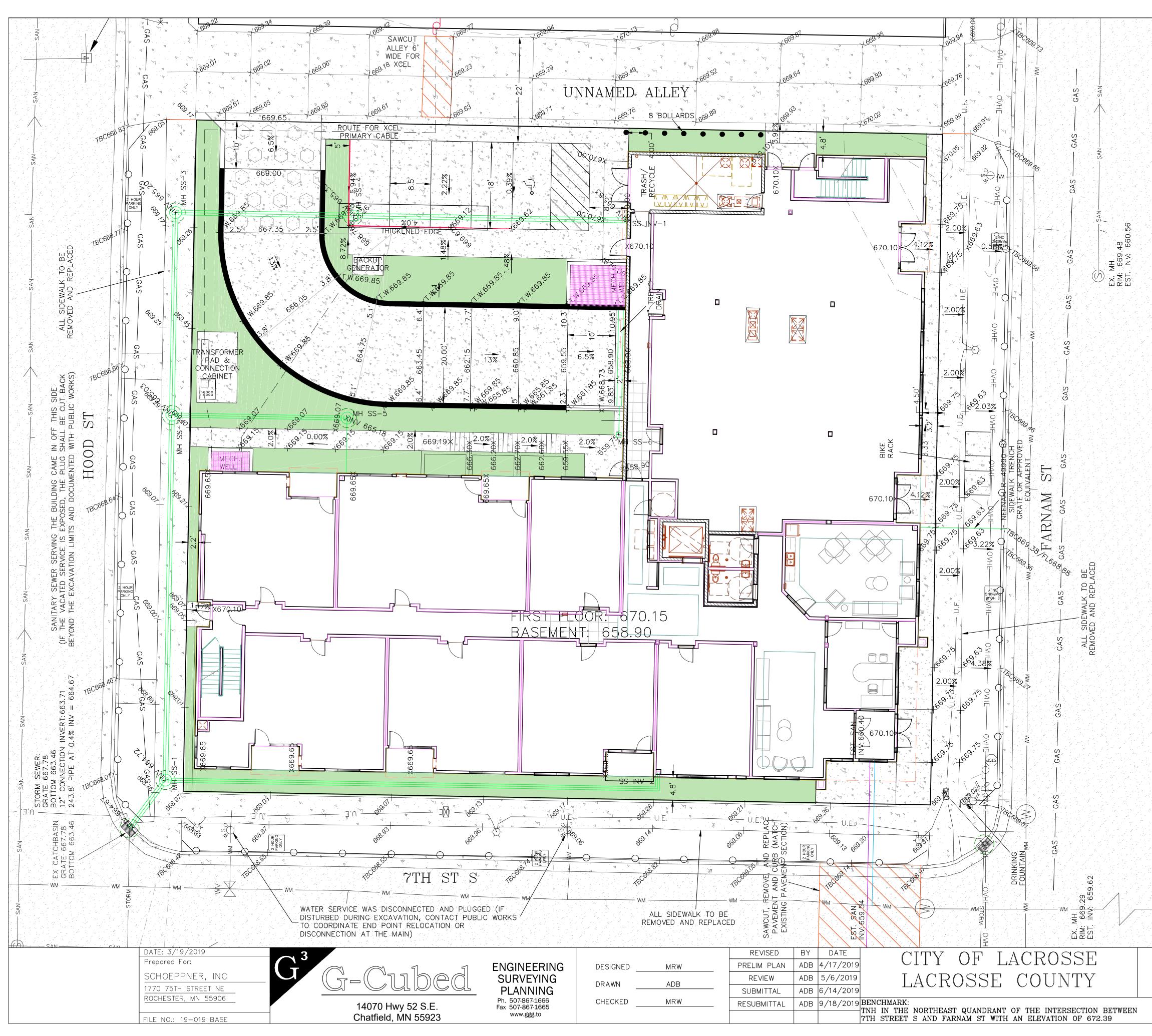
C.1 – SITE PLAN C.2 – GRADING PLAN C.3 – GRADING PLAN DETAILS

<u>CIVIL SHEET INDEX</u>

<u>LEGEND</u> WATER HYDRANT & GATE VALVE SANITARY MANHOLE STORM MANHOLE & CATCHBASIN SIGNS GAS VALVE COMMUNICATIONS BOX ELECTRIC POLE LIGHT POLE TREE MAJOR CONTOUR MINOR CONTOUR WATERMAIN SANITARY SEWER STORM SEWER OVERHEAD ELECTRIC LINES UNDERGROUND ELECTRIC LINES UNDERGROUND COMMUNICATIONS LINE GAS LINE WATER SERVICE EASEMENT LINE RETAINING WALL PROPOSED WATER SERVICE PROPOSED SANITARY SERVICE PROPOSED STORM SEWER PROPOSED ELECTRIC LINES BITUMINOUS SURFACING CONCRETE SURFACING BUILDING

GREENSPACE AREAS

PROPOSED CONCRETE SURFACING



<u>OWNERS/DEVELOPERS</u> FARNHAM FLATS LLC 18106 WOOLMAN DRIVE MINNETONKA, MN 55343

ENGINEER & SURVEYOR G-CUBED INC. 14070 HWY. 52 SE CHATFIELD, MN 55923

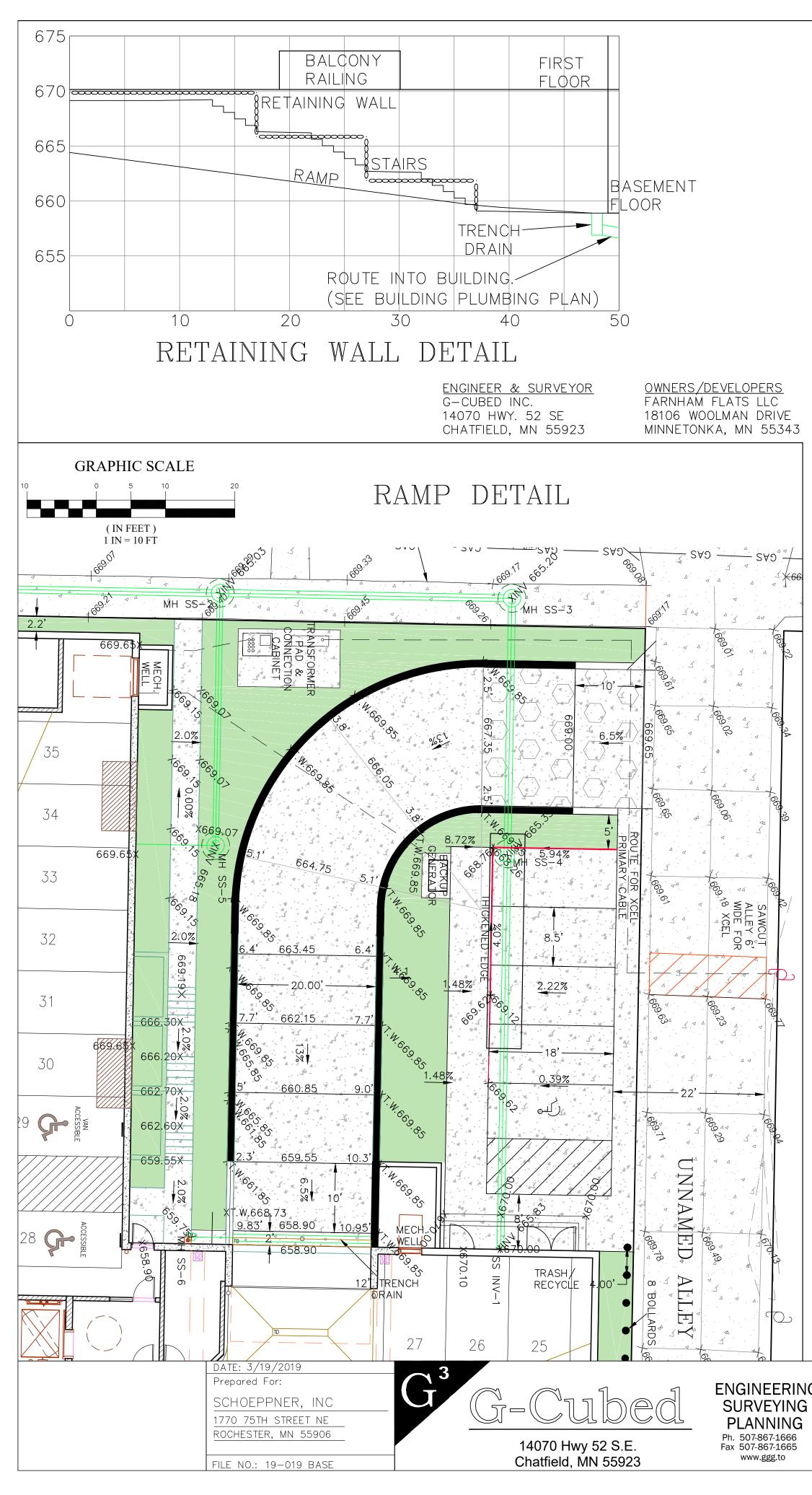
SEE STORM SEWER NOTES ON SHEET 2

<u>LEGEND</u>

$\overset{\scriptstyle{\scriptstyle{\scriptstyle{\rm W}}}}{\boxtimes}\overset{\scriptstyle{\scriptstyle{\scriptstyle{\rm W}}}}{\longrightarrow}$	WATER HYDRANT & GATE VALVE
S D iiii	SANITARY MANHOLE STORM MANHOLE & CATCHBASIN
STOP - O- CV	SIGNS
	GAS VALVE COMMUNICATIONS BOX
	ELECTRIC POLE
	LIGHT POLE TREE
	MAJOR CONTOUR
WM	MINOR CONTOUR WATERMAIN
SAN	SANITARY SEWER
STORM	STORM SEWER OVERHEAD ELECTRIC LINES
U.E	UNDERGROUND ELECTRIC LINES
TEL GAS	UNDERGROUND COMMUNICATIONS LINE GAS LINE
	PROPOSED WATER SERVICE
	PROPOSED SANITARY SERVICE PROPOSED STORM SEWER
	PROPOSED ELECTRIC LINES
	PROPOSED MAJOR CONTOUR PROPOSED MINOR CONTOUR
	EASEMENT LINE
	RETAINING WALL
	BITUMINOUS SURFACING
	CONCRETE SURFACING
	BUILDING
	GREENSPACE AREAS
	PROPOSED CONCRETE SURFACING
	REMOVALS SILT FENCE (WDNR TECHNICAL
OO	STANDARD 1056)
GL	GRADING LIMITS
X <i>1060.00</i> X 1060.00	EXISTING SPOT ELEVATION PROPOSED SPOT ELEVATION
2.00%	PROPOSED SLOPE
0	INLET BARRIER (WDNR TECHNICAL STANDARD 1060)
$ \Box \bigcirc \Box] $	ROCK CONSTRUCTION ENTRANCE
	(WDNR TECHNICAL STANDARD 1057) PROPOSED BOULEVARD TREE
192.	
	GRAPHIC SCALE
10	0 5 10 20
	(IN FEET)
	1 IN = 10 FT
	покти
	\checkmark

FARNAM FLATS GRADING & STORM SEWER PLAN

SHEET C.2



GENERAL NOTES - EROSION CONTROL

- STANDARDS:
 ALL WORK SHALL MEET THE STANDARDS OUTLINED IN WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WDNR) CONSTRUCTION SITE EROSION AND SEDIMENT TECHNICAL STANDARDS AND THE LOCAL MUNICIPALITIES SOIL EROSION CONTROL ORDINANCE FOR BOTH PERFORMANCES AND IMPLEMENTATION.
 - ADDITIONAL EDOSION CONTROL FACULTIES MAY DE DEOLUDED DUE TO UNEODESEEN DODUENS
- 1.2 ADDITIONAL EROSION CONTROL FACILITIES MAY BE REQUIRED DUE TO UNFORESEEN PROBLEMS.
- SEDIMENT CONTROL STRUCTURES BELOW EXCAVATED AREAS MAY BE REMOVED ONCE VEGETATION HAS BEEN ESTABLISHED IN UPHILL AREAS. EROSION CONTROL STRUCTURES BELOW SEEDED AREAS MUST REMAIN IN PLACE UNTIL THE ENTIRE AREA HAS ESTABLISHED A MATURE COVERING OF HEALTHY VEGETATION.
 SILT FENCE SHALL BE PLACED DOWN SLOPE OF ALL SOIL STOCK PILES DURING CONSTRUCTION IF LEFT MORE THAN SEVEN DAYS. STOCK PILES SHALL BE SEEDED AND MULCHED IF LEFT FOR MORE THAN 14 DAYS. SILT FENCE SHALL BE INSTALLED TO CONFORM WITH WDNR TECHNICAL STANDARD 1056.
- 2.0 EXECUTION: 2.1 ALL DISTURBED AREAS SHALL HAVE TOPSOIL APPLIED, AND BE SEEDED, MULCHED, AND FERTILIZED WITHIN 7 DAYS OF FINAL DISTURBANCE.
 - 2.2 SEED SHALL BE PLANTED IN A MANNER THAT ALLOWS THE SEED TO BE WORKED INTO THE SOIL AND COME IN FIRM CONTACT WITH THE SOIL. SEEDING AND MULCHING SHALL BE ACCOMPLISHED USING THE FOLLOWING MATERIALS AND METHODS:
 - 2.21 4" OF TOPSOIL SHALL BE PLACED ON ALL AREAS WITHIN THE PROJECT LIMITS EXCEPT WHERE ANOTHER SURFACE TREATMENT IS SPECIFIED.2.22 EROSION MAT SHALL BE USED IN PLACE OF MULCH WHERE SPECIFIED. EROSION MAT SHALL BE INSTALLED TO CONFORM WITH WDNR TECHNICAL STANDARD 1052.
 - 2.23 SEED MIX SHALL BE HIGHWAY MIX AND APPLIED AT A RATE OF 120 Ibs/ACRE.
 - 2.24 MULCHING WITH STRAW SHALL CONSIST OF EVENLY SPREADING (3) 40 Ib. BALES OF CLEAN WHEAT OR OAT STRAW PER 1000 S.F. OF DISTURBED AREA COVERED. CRIMPING MULCH WITH DOZER TRACKS SHALL BE DONE PERPENDICULAR TO THE SLOPE.
 - 2.4 A STONE TRACKING PAD SHALL BE PROVIDED AT EACH CONSTRUCTION ACCESS POINT. STONE TRACKING PAD SHALL CONFORM WITH WDNR TECHNICAL STANDARD 1057.

3.0 MAINTENANCE:

- 3.1 MAINTENANCE OF ALL INSTALLED EROSION AND SEDIMENT CONTROL DEVICES SHALL BE THE RESPONSIBILITY OF THE OWNER. HOWEVER, THE INSTALLER SHALL PERFORM REQUIRED MAINTENANCE AT THE DIRECTION OF THE OWNER.
- 3.2 INSPECTING ALL EROSION AND SEDIMENT CONTROL DEVICES WEEKLY AND WITHIN 24 HOURS OF A RAINFALL EVENT OF 0.5 INCHES OR GREATER.
- 3.3 FINISHED AREAS THAT HAVE BEEN DAMAGED OR ERODED SHALL BE RESTORED WITHIN SEVEN DAYS OF THE DAMAGE.3.4 UNFINISHED AREAS THAT HAVE BEEN DAMAGED OR ERODED SHALL BE RESTORED WITHIN SEVEN DAYS OF THE DAMAGE.
- 3.5 STONE TRACKING CONTROL APRON SHALL BE REMOVED AND REPLACED WHEN VOIDS BECOME FILLED WITH SEDIMENT OR IF SURFACE OPENINGS BECOME PLUGGED SO THAT THE APRON DOES NOT FUNCTION.
- 3.6 SILT FENCES SHALL BE MAINTAINED IN A FUNCTIONING MANNER. FENCES SHALL NOT BE ALLOWED TO SAG, FALL DOWN, OR BECOME FILLED WITH SILT ON THE BACK SIDE. IF SILT BUILDS UP BEING A SILT FENCE IT SHALL BE REMOVED IMMEDIATELY, UNDER NO CIRCUMSTANCE SHALL SILT DEPOSITS BE ALLOWED TO REACH MORE THAN HALF THE HEIGHT OF THE FENCE. SILT FENCE SHALL BE INSTALLED TO CONFORM WITH WDNR TECHNICAL STANDARD 1056.
 4.0 REMOVING CONTROL MEASURES:
- 4.1 SEDIMENT CONTROL STRUCTURES BELOW SODDED AREAS MAY BE REMOVED ONCE SOD AND FINAL LANDSCAPING IS IN PLACE. SEDIMENT CONTROL STRUCTURES BELOW SEEDED AREAS MUST REMAIN IN PLACE UNTIL THE ENTIRE AREA HAS ESTABLISHED A MATURE COVERING OF HEALTHY VEGETATION. CONTRACTOR SHALL REMOVE CONTROL MEASURES WHEN THE SITE IS STABILIZED.

STORM WATER POLLUTION PREVENTION NOTES:

- SITE CLEARING SHALL APPLY TO ALL AREAS INSIDE LIMITS AS SHOWN ON THE PLANS. REMOVE ALL TREES COMPLETELY AS DIRECTED BY THE OWNER. ANY STRIPPED TOPSOIL SHALL BE STOCKPILED INSIDE THE LIMITS OR PLACED IMMEDIATELY ON SLOPES BEING RESTORED.
- SEDIMENT CONTROL STRUCTURES BELOW SEEDED AREAS MUST REMAIN IN PLACE UNTIL THE ENTIRE AREA HAS ESTABLISHED A MATURE COVERING OF HEALTHY VEGETATION.
- ALL DISTURBED AREAS SCHEDULED FOR PERMANENT COVER SHALL HAVE TOPSOIL APPLIED. AND BE SEEDED AND MULCHED AS SPECIFIED WITHIN 7 DAYS OF FINAL DISTURBANCE.
- SEED SHALL BE PLANTED IN A MANNER THAT ALLOWS THE SEED TO BE WORKED INTO THE SOIL AND COME IN FIRM CONTACT WITH THE SOIL. SEEDING AND MULCHING SHALL BE ACCOMPLISHED USING THE FOLLOWING MATERIALS AND METHODS:
- 4-6" OF TOPSOIL SHALL BE PLACED ON AREAS SCHEDULED FOR PERMANENT COVER.
- SEED MIX SHALL BE APPROVED BY OWNER
- LAWN SEED SHALL BE APPLIED AT A RATE OF 120 Ibs / AC. NATIVE SEED SHALL BE APPLIED AT A RATE OF 8 Ibs / AC.
- MULCHING WITH STRAW SHALL CONSIST OF EVENLY SPREADING (3) 40 Ibs. BALES OF CLEAN WHEAT OR OAT STRAW PER 1000 S.F. OF DISTURBED AREA COVERED.
 ANCHOR MULCH PER WISDOT STANDARDS WHEN CALLED FOR ON THE PLAN.
- MAINTENANCE OF ALL INSTALLED EROSION AND SEDIMENT CONTROL DEVICES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND REMOVED WHEN NO LONGER NECESSARY.
- MINIMUM MAINTENANCE SHALL CONSIST OF, BUT NOT LIMITED TO:
- INSPECTING ALL EROSION AND SEDIMENT CONTROL DEVICES AFTER EACH RAINFALL. (FORM INCLUDED IN THE SPECIFICATIONS)
- FINISHED AREAS THAT HAVE BEEN DAMAGED OR ERODED SHALL BE RESTORED WITHIN THREE DAYS OF THE DAMAGE.
- UNFINISHED AREAS THAT HAVE BEEN DAMAGED OR ERODED SHALL HAVE THE PREVIOUS MEASURE REAPPLIED WITHIN SEVEN DAYS.
- VEHICLE TRACKING CONTROL APRON SHALL BE REMOVED AND REPLACED WHEN VOIDS BECOME FILLED WITH SEDIMENT OR IF SURFACE OPENINGS BECOME PLUGGED SO THAT THE APRON DOES NOT FUNCTION.
- SILT FENCES SHALL BE MAINTAINED IN A FUNCTIONING MANNER. FENCES SHALL NOT BE ALLOWED TO SAG, FALL DOWN, OR BECOME FILLED WITH SILT ON THE BACK SIDE. IF SILT BUILDS UP BEHIND A SILT FENCE, IT SHALL BE REMOVED IMMEDIATELY. UNDER NO CIRCUMSTANCES SHALL SILT DEPOSITS BE ALLOWED TO REACH MORE THAN 1/3 THE HEIGHT OF THE FENCE.
- SILT FENCE SHALL BE PLACED DOWN SLOPE OF ALL SOIL STOCK PILES DURING CONSTRUCTION IF LEFT MORE THAN SEVEN DAYS. STOCK PILES SHALL BE SEEDED AND MULCHED IF LEFT FOR MORE THAN 14 DAYS.
- ADDITIONAL EROSION CONTROL FACILITIES MAY BE REQUIRED DUE TO UNFORESEEN PROBLEMS.
- SEDIMENT CONTROL STRUCTURES BELOW LAWN AREAS MAY BE REMOVED ONCE SOD AND FINAL LANDSCAPING IS IN PLACE. SEDIMENT CONTROL STRUCTURES BELOW SEEDED AREAS MUST REMAIN IN PLACE UNTIL THE ENTIRE AREA HAS ESTABLISHED A MATURE COVERING OF HEALTHY VEGETATION. SEDIMENT CONTROL STRUCTURES IN PAVED AREAS SHALL REMAIN IN PLACE UNTIL PAVING IS COMPLETE.
- SEDIMENT DEPOSITED IN ROADS OR RIGHT OF WAY DITCHES ADJACENT TO THIS SITE AS A RESULT OF THIS WORK SHALL BE REMOVED. VEGETATION SHALL BE ESTABLISHED WHEN SEDIMENT REMOVAL DESTROYS THE EXISTING VEGETATION. THE ESTABLISHMENT OF VEGETATION SHALL BE IN THE SAME MANNER AS SPECIFIED FOR SEEDING SPECIFIED ELSEWHERE ON THIS PLAN.
- SEDIMENT CONTROL DURING CONSTRUCTION:

CHECKED

MRW

- A SILT FENCE SHALL BE INSTALLED ALONG ALL DOWN SLOPE EARTHWORK.
- ALL MAINTENANCE PROCEDURES OUTLINED ABOVE SHALL APPLY.
- SLOPES STEEPER THAN 5:1 SHALL BE PROTECTED WITH EROSION MATTING OR MULCHED WITH STRAW AND COVERED WITH JUTE NETTING.
- PROVIDE CONCRETE WASHOUT AREA PER DETAIL (C201). UNDER NO CIRCUMSTANCES SHALL CONCRETE WASHOUT BE ALLOWED IN ANY OTHER LOCATION ON THE SITE.

	Farnam Flats Storm Sewer Construction Notes 9/18/20										
Structure I	Number	Structure Type	Casting Elevation	Structure Outlet Elevation	Linear Footage	Pipe Size	Flow to Structure Number	Gradient Percent	Downstream Structure Inlet Elevation	Casting versus invert	
EX. C	СВ	СВ	667.78	664.67						3.11	
MH S	S-1	12" Drop Nyloplast	668.87	664.72	12.55	12" PVC	EX. CB	0.40%	664.67	4.15	
MH S	S-2	12" Drop Nyloplast	669.35	665.03	76.00	12" PVC	MH SS-1	0.41%	664.72	4.32	BUILDING
MH S	S-3	12" Drop Nyloplast	669.20	665.20	42.17	12" PVC	MH SS-2	0.40%	665.03	4.00	
MH S	S-4	*See Note*	668.26	665.35	34.50	12" PVC	MH SS-3	0.43%	665.20		
SS IN	IV-1			665.83	26.50	12" PVC	60" CMP	0.42%	665.72		
MH S	S-5	10" Drop Nyloplast	669.00	665.18	36.44	10" PVC	MH SS-2	0.41%	665.03	3.82	26.5 PVC (
MH S	S-6	R4441-1 Neenah	659.75	658.00	6.00	8" PVC	Trench Drain	1.67%	657.90	1.75	FVC
SS IN	V-2			665.13	102.35	10" PVC	MH SS-1	0.40%	664.72		
Trench	Drain	R-4990-CX Neenah	658.90	657.90						1.00	
Sidewalk Tren	nch Grate	R-4990-BX Neenah	669.65	669.65	18.03		C&G Flowline	4.27%	668.88		
Manufactured	d Inlet & Insp	bection Port by Pipe Suppl	ier (see Under	ground Stora	ge Chamber	s Cross Section	n for more details)		I		
			RE	VISED	BY C	ATE	OITV	ОF	TACE		
DES	SIGNED	MRW	PRELIN	/ PLAN	ADB 4/1	7/2019		UΓ	LACR	COO.	
-	AWN	ADB	RE	/IEW	ADB 5/6	6/2019	LACF	ROSS	SE CO	UNT	

ADB 6/14/2019

ADB 9/18/2019 BENCHMARK:

TNH IN THE NORTHEAST QUANDRANT OF THE INTERSECTION BETWEEN

7TH STREET S AND FARNAM ST WITH AN ELEVATION OF 672.39

SUBMITTAL

RESUBMITTAL

