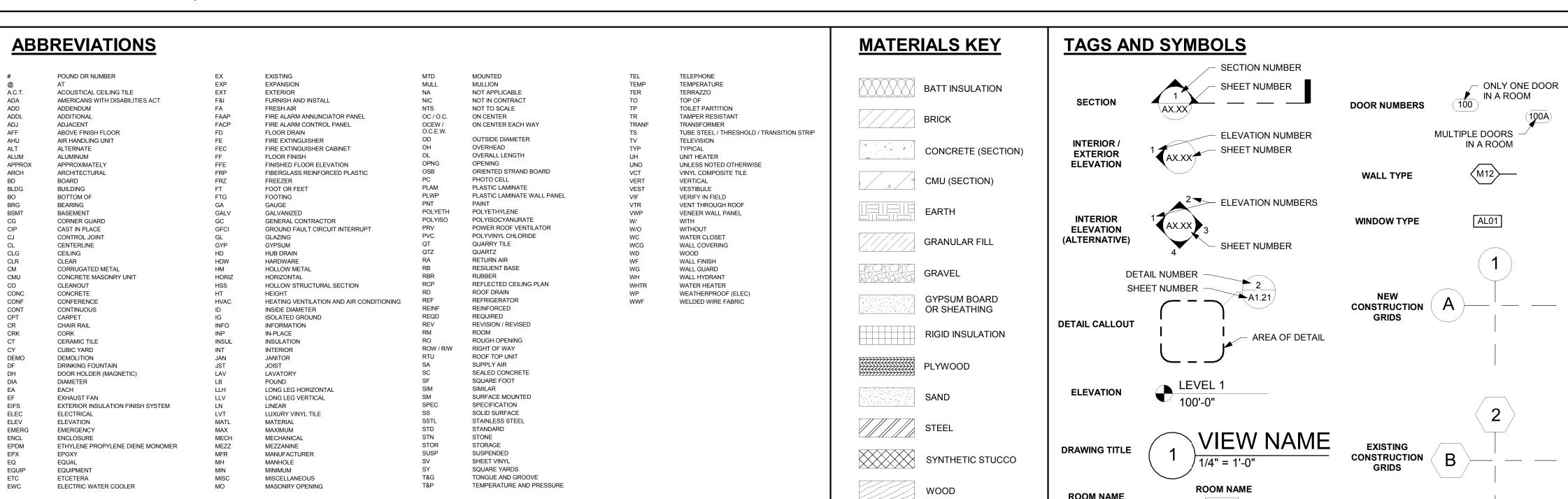
LA CROSSE AIRPORT HANGAR

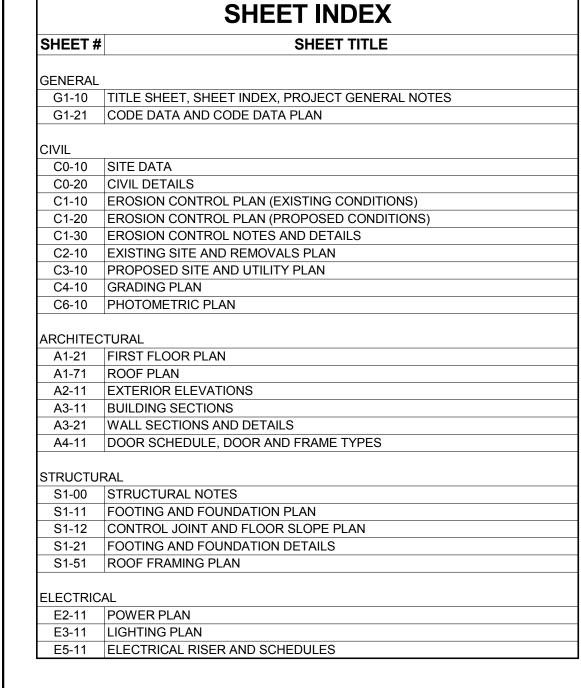
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AND NUMBER

LA CROSSE, WISCONSIN

ISG PROJECT # 17-19923





PROJECT GENERAL NOTES

- ALL WORK SHALL CONFORM TO THE CONTRACT DOCUMENTS, WHICH INCLUDE, BUT ARE NOT LIMITED TO, THE OWNER CONTRACTOR AGREEMENT, THE PROJECT MANUAL (WHICH INCLUDES GENERAL AND SUPPLEMENTARY CONDITIONS AND SPECIFICATIONS), DRAWINGS OF ALL DISCIPLINES AND ALL ADDENDA, MODIFICATIONS AND CLARIFICATIONS ISSUED BY THE ARCHITECT / ENGINEER.
- 2. CONTRACT DOCUMENTS SHALL BE ISSUED TO ALL SUBCONTRACTORS BY THE GENERAL CONTRACTOR IN COMPLETE SETS IN ORDER TO ACHIEVE THE FULL EXTENT AND COMPLETE COORDINATION OF ALL WORK. CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND CORRELATING QUANTITIES AND DIMENSIONS.
- 3. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
- 4. DETAILS SHOWN ARE INTENDED TO BE INDICATIVE OF THE PROFILES AND TYPE OF DETAILING REQUIRED THROUGHOUT THE WORK. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO DETAILS SHOWN. WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, NOTIFY ARCHITECT / ENGINEER BEFORE PROCEEDING WITH THE WORK.
- 5. ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, CLEANED AND CONDITIONED ACCORDING TO MANUFACTURERS' INSTRUCTIONS. IN CASE OF DISCREPANCIES BETWEEN MANUFACTURERS' INSTRUCTIONS AND THE CONTRACT DOCUMENTS, NOTIFY ARCHITECT / ENGINEER BEFORE PROCEEDING WITH THE WORK.
- 6. LARGE-SCALE, MORE SPECIFIC DETAILS TAKE PRECEDENCE OVER SMALLER-SCALE, LESS SPECIFIC DETAILS AND INFORMATION. MORE STRINGENT REQUIREMENTS FOR CODE, PRODUCTS AND INSTALLATION TAKE PRECEDENCE OVER LESS STRINGENT REQUIREMENTS. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
- 7. PROVIDE CONTINUOUS SEALANT AROUND ALL MATERIALS AT EXTERIOR WALL PENETRATIONS. REFER TO SPECIFICATIONS FOR APPROPRIATE SEALANT.
- 8. ALL DISSIMILAR METALS SHALL BE EFFECTIVELY ISOLATED FROM EACH OTHER TO AVOID GALVANIC CORROSION.
- 9. SEAL ALL OPENINGS IN WALLS, FLOORS, CEILINGS, AND ROOFS, AROUND DUCTS, PIPES, VENTS, TRAPS, CONDUIT AND ALL OTHER PENETRATIONS WITH FIRESTOPPING AS SPECIFIED AND REQUIRED BY CODES.
- 10. PROVIDE SOLID WALL BACKING WITH METAL OR FIRE-RETARDANT WOOD BLOCKING BEHIND DOOR HARDWARE SUCH AS WALL STOPS, BUMPERS, HOLD OPENS, ETC.



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PROJECT

LA CROSSE

LA CROSSE AIRPORT HANGAR

REVISION SCHEDULE

DATE DESCRIPTION BY

WISCONSIN

ROJECT NO.	17-19923
LE NAME	
RAWN BY	MPD
ESIGNED BY	KMB
EVIEWED BY	KMB
RIGINAL ISSUE DATE	
LIENT PROJECT NO.	

PROJECT INDEX:

OWNER:

LA CROSSE MUNICIPAL AIRPORT 2850 AIRPORT WAY LA CROSSE, WISCONSIN 54601 PHONE# FAX# PROJECT ADDRESS:

T-HANGER PROJECT 741 FISHERMAN'S ROAD LA CROSSE, WISCONSIN 54601 MANAGING OFFICE:



LA CROSSE OFFICE

201 MAIN STREET

SUITE 1020

LA CROSSE, WI 54601

PHONE: 608.789.2034

PROJECT MANAGER: KEVIN BILLS

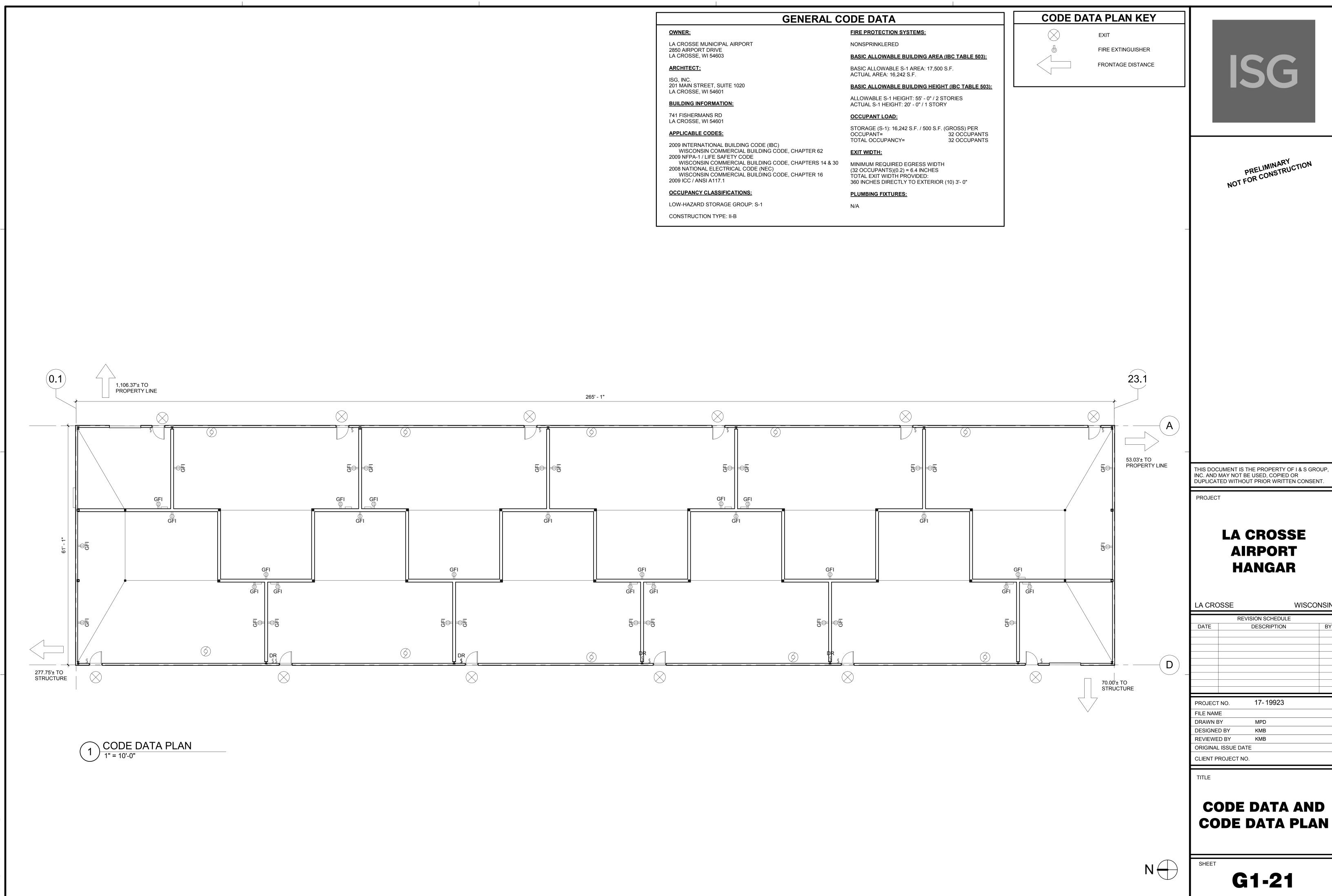
EMAIL: KEVIN.BILLS@IS-GRP.COM

TITLE SHEET, SHEET INDEX, PROJECT

GENERAL NOTES

EET

G1-10



WISCONSIN

CODE DATA PLAN



LOCATION MAP

1" = 1000'

— ···· LOT LINE

RIGHT OF WAY

EASEMENT

CULVERT

GAS

CONTOUR

MANHOLE

HYDRANT

VALVE

PROPOSED

PROJECT GENERAL NOTES

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- 4. RADII ARE MEASURED TO THE BACK OF CURB UNLESS OTHERWISE SHOWN OR NOTED ON THE PLANS
- FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR CONDITIONS REQUIRING INFORMATION OR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
- DETAILS SHOWN ARE INTENDED TO BE INDICATIVE OF THE PROFILES AND TYPE OF DETAILING REQUIRED THROUGHOUT THE WORK. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO DETAILS SHOWN. WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING WITH
- ALL MANUFACTURED ARTICLES, MATERIALS AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, CLEANED AND CONDITIONED ACCORDING TO MANUFACTURERS' INSTRUCTIONS. IN CASE OF DISCREPANCIES BETWEEN MANUFACTURERS' INSTRUCTIONS AND THE CONTRACT DOCUMENTS, NOTIFY ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.
- 8. ALL DISSIMILAR METALS SHALL BE EFFECTIVELY ISOLATED FROM EACH OTHER TO AVOID GALVANIC CORROSION.
- THE LOCATION AND TYPE OF ALL INPLACE UTILITIES SHOWN ON THE PLANS ARE FOR GENERAL INFORMATION ONLY AND ARE ACCURATE AND COMPLETE TO THE BEST OF THE KNOWLEDGE OF I & S GROUP, INC. (ISG), NO WARRANTY OR GUARANTEE IS IMPLIED. THE CONTRACTOR SHALL VERIFY THE SIZES, LOCATIONS AND ELEVATIONS OF ALL INPLACE UTILITIES PRIOR TO CONSTRUCTION. CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES OR VARIATIONS FROM PLAN.
- 10. PAVEMENT AND CURB REMOVAL TO THE NEAREST JOINT OR SAWED/MILLED EDGE WILL BE REQUIRED AS DIRECTED BY THE ENGINEER.
- 11. WHEN A PORTION OF EXISTING ASPHALT SURFACES ARE TO BE REMOVED TO ACCOMMODATE NEW CONSTRUCTION, THE LINE OF SUCH REMOVAL SHALL BE NEATLY DELINEATED WITH A SAW CUT JOINT THROUGH THE ASPHALT SURFACE SO THAT REMOVAL OF THE ASPHALT SHALL BE ACCOMPLISHED WITHOUT DAMAGE TO REMAINING PORTIONS. THE LOCATION OF SAW JOINTS AND THE AMOUNT REMOVED WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 12. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO KEEP EXISTING DRAINAGE STRUCTURES FUNCTIONAL DURING EXCAVATION OPERATIONS TO PROVIDE TEMPORARY DRAINAGE.
- 13. NO TREES OR SHRUBS SHALL BE REMOVED UNLESS SUCH TREES OR SHRUBS HAVE BEEN DESIGNATED FOR REMOVAL BY THE ENGINEER.

ACCESS POINT

FINISH FLOOR ELEVATION

PROJECT GENERAL NOTES

- 14. SIGNS THAT MUST BE REMOVED FOR GRADING SHALL BE REMOVED AND STORED AT A LOCATION DETERMINED BY THE ENGINEER. SIGNS SHALL REMAIN IN PLACE UNTIL CONSTRUCTION OPERATIONS REQUIRE THEIR REMOVAL UNLESS THE ENGINEER APPROVES THEIR REMOVAL.
- 15. STORM SEWER SHALL HAVE RUBBER GASKET JOINTS.
- 16. ADJUSTMENT RINGS ON CATCH BASINS AND MANHOLES SHALL NOT BE LESS THAN 2
- 17. ALL NEW STORM SEWER MANHOLES WILL BE INSTALLED WITHOUT STEPS.
- 18. EROSION CONTROL FEATURES AS SHOWN ON THE PLANS ARE AT THE SUGGESTED LOCATIONS. THEIR EXACT LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE
- 19. AFTER PLACING CURB AND GUTTER, ANY ACCESS CONCRETE PROTRUDING BEYOND THE BACK OF CURB SHALL BE REMOVED BY THE CONTRACTOR PRIOR TO BACK FILLING.
- 20. ELEVATION ADJUSTMENTS OF WATER SERVICE CURB BOXES ARE INCIDENTAL TO THE CONTRACT. VALVE BOXES ARE PAID BY BID ITEM.
- 21. THE CONTRACTOR IS TO CONTACT "DIGGER'S HOTLINE" FOR UTILITY LOCATIONS, MINIMUM 3 BUSINESS DAYS PRIOR TO ANY EXCAVATION / CONSTRUCTION (811 OR 1-800-242-8511).

PROJECT DATUM

HORIZONTAL COORDINATES HAVE BEEN REFERENCED TO THE NORTH AMERICAN DATUM OF 1983 (NAD83), 1996 ADJUSTMENT (NAD83(1996)) ON THE LA CROSSE COUNTY COORDINATE SYSTÈM, IN Ú.S. SURVEY FEET.

TOPOGRAPHIC SURVEY

THIS PROJECTS TOPOGRAPHIC SURVEY CONSISTS OF DATA COLLECTED ON 03/17 BY ISG.

B.M. ELEVATION = 654.34

TOP NUT OF FIRE HYDRANT LOCATED NORTHWEST OF THE PROPOSED BUILDING

SAN or SS SANITARY SEWER

LEGEND

EXISTING CITY LIMITS SECTION LINE QUARTER SECTION LINE ----- RIGHT OF WAY LINE — — PROPERTY/LOTLINE ----- EASEMENT LINE —— △—— △ ACCESS CONTROL —————— WATER EDGE ------ WETLAND BOUNDARY WETLAND / MARSH — × — × — × — FENCE LINE >---< CULVERT _____ - << _ - _ STORM SEWER ————————— WATER ——— — UT — — UNDERGROUND TELEPHONE ----- UNDERGROUND ELECTRIC ----- UTV -- UNDERGROUND TV ——— — FBO — — UNDERGROUND FIBER OPTIC — — CONTOUR (MINOR) 989 -DECIDUOUS TREE CONIFEROUS TREE TREE LINE \bigcirc MANHOLE/STRUCTURE CATCH BASIN -ф-HYDRANT VALVE CURB STOP POWER POLE

UTILITY PEDESTAL / CABINET

UTILITY CONTACT INFORMATION

	CHARTER COMMUNICATIONS PO BOX 279 ONALASKA, WI 54650 ATTN: PERRY MCCLELLAN
	PHONE: (608)783-8130
	EMAIL: PMCCLELLAN@CHARTE
PE WIDTH)	
	CENTURYLINK
(PIPE WIDTH)	333 N FRONT ST
,	LA CROSSE, WI 54601 ATTN: BRIAN STELPLUGH
DIC	PHONE: (608) 796-5142
RIC	EMAIL: BRIAN.STELPLUGH@CE
LECTRIC	EMAL. BINAN.OTELI EGGI (@GE
/	XCEL ENERGY - ELECTRIC
	3215 COMMERCE ST
	LA CROSSE, WI 54602-0727 ATTN: CHRIS CARLSON PHONE: (608) 789-3979
	VOEL ENERGY CAR

SKA, WI 54650 PERRY MCCLELLAN : (608)783-8130 STORM SEWER PMCCLELLAN@CHARTERCOM.COM STORM SEWER (PIP JRYLINK SANITARY SEWER RONT ST SANITARY SEWER (DSSE, WI 54601 BRIAN STELPLUGH OVERHEAD ELECTR : (608) 796-5142 BRIAN.STELPLUGH@CENTURYLINK.COM UNDERGROUND TV ENERGY - ELECTRIC OMMERCE ST DSSE, WI 54602-0727 CHRIS CARLSON E: (608) 789**-**3979 CATCH BASIN XCEL ENERGY - GAS

> 3215 COMMERCE ST LA CROSSE, WI 54602-0727 ATTN: DAN MARTI PHONE: (608) 789-3629 EMAIL: DANIEL.R.MARTI@XCELENERGY.COM

LA CROSSE WATER UTILITY 400 LA CROSSE ST LA CROSSE, WI 54601 ATTN: MARK JOHNSON PHONE: (608) 789-7384 EMAIL: JOHNSONM@CITYOFLACROSSE.ORG

LA CROSSE WASTE WATER UTILITY 905 HOUSKA PARK DRIVE LA CROSSE, WI 54601 ATTN: RICK DOERING PHONE: (608) 789-7324 EMAIL: DOERINGR@CITYOFLACROSSE.ORG CITY OF LA CROSSE - ELECTICAL 400 LA CROSSE ST LA CROSSE, WI 54601 ATTN: MATTHEW GALLAGER PHONE: (608) 789-7392 EMAIL: GALLAGERM@CITYOFLACROSSE.ORG

LA CROSSE STREET DEPARTMENT 400 LA CROSSE ST LA CROSSE, WI 54601 ATTN: RANDY HINZE PHONE: (608) 789-7305 EMAIL: HINZER@CITYOFLACROSSE.ORG

LA CROSSE MUNICIPAL TRANSIT AUTHORITY ISLE LA PLUME LA CROSSE, WI 54601 ATTN: KEITH CARLSON PHONE: (608) 789-7569 EMAIL: CARLSONK@CITYOFLACROSSE.ORG

CITY OF LA CROSSE 400 LA CROSSE ST LA CROSSE, WI 54601 ATTN: RANDY TURTENWALD PHONE: (608) 789-7569 EMAIL: TURTENWALDR@CITYOFLACROSSE.ORG

400 LA CROSSE ST LA CROSSE, WI 54601 ATTN: DALE HEXOM PHONE: (608) 789-7571

LA CROSSE PUBLIC WORKS DIRECTOR

EMAIL: HEXOMD@CITYOFLACROSSE.ORG

STANDARD ABBREVIATIONS

POT POINT ON TANGENT

REINFORCED CONCRETE PIPE

FENCE POST

POINT ON CURVE

	ACCESS POINT	Гľ	FEINCE POST	PUI	POINT ON TANGENT	SAIN OF 33	SAMITANT SEWEN
	ACRE	FERT	FERTILIZE	PVC	POLYVINYL CHLORIDE	SDD	STANDARD DETAIL DRAWINGS
ì	AGGREGATE	FE	FIELD ENTRANCE	PCC	PORTLAND CEMENT CONCRETE	SE	SUPERELEVATION
	AHEAD	F	FILL	LB	POUND	SF or SQ FT	SQUARE FEET
Н	ASPHALTIC	FG	FINISHED GRADE	PSI	POUNDS PER SQUARE INCH	SL or S/L	SURVEY LINE
1	ASPHALTIC PLANT MIX	FL or F/L	FLOW LINE	PE	PRIVATE ENTRANCE	STA	STATION
i	AVERAGE	FT	FOOT	PROJ	PROJECT	STD	STANDARD
	BACK	FTG	FOOTING	PL	PROPERTY LINE	STH	STATE TRUNK HIGHWAYS
	BENCH MARK	FDN	FOUNDATION	PB#	PULL BOX	STM	STORM SEWER
	CATCH BASIN	GN	GRID NORTH	R	RADIUS	SQ	SQUARE
	CELSIUS	HR	HANDICAP RAMP	RP	RADIUS POINT	SURF	SURFACE
r C/L	CENTER LINE	HT	HEIGHT	RR	RAILROAD	SY or SQ YD	SQUARE YARD
	CENTER TO CENTER	HES	HIGH EARLY STRENGTH	RY	RAILWAY	T	TANGENT
	COMMERCIAL ENTRANCE	HYD	HYDRANT	RM	RAMP METER	TEL	TELEPHONE
C	CONCRETE	INL	INLET	R	RANGE	TEMP	TEMPORARY
	CONTROL BASE	INV	INVERT	RECY	RECYCLED	TLE	TLE TEMPORARY LIMITED EASEMENT
	COUNTY	IP	IRON PIPE OR PIN	RL or R/L	REFERENCE LINE	T Ton	T TON
	COUNTY TRUNK HIGHWAY	JT	JOINT	RP	REFERENCE POINT	TC	TOP OF CURB
	CUBIC YARD	LC	LAND CONTRACT	REBAR	REINFORCEMENT BAR	TRANS	TRANSITION
Т	CULTIVATED	LT	LEFT	REINF	REINFORCING OR REINFORCEMENT	TL or T/L	TRANSIT LINE
V	CULVERT	LF	LINEAR FOOT	REL	RELOCATE (D)	TYP	TYPICAL
	CULVERT PIPE	L	LITER	REM	REMAINING	UG	UNDERGROUND
G	CURB AND GUTTER	LS	LUMP SUM	REQD	REQUIRED	USH	UNITED STATES HIGHWAY
	DIAMETER	MH	MANHOLE	RW	RETAINING WALL	VAR	VARIABLE
	DITCH GRADE	MP	MARKER POST	RT	RIGHT	VERT	VERTICAL
	DOCUMENT	ML or M/L	MATCH LINE	RHF	RIGHT-HAND FORWARD	VC	VERTICAL CURVE
1	DRIVEWAY	MATL	MATERIAL	R/W	RIGHT-OF-WAY	VPCC	VERTICAL POINT OF COMPOUND CURVE
	EAST	NOM	NOM NOMINAL	R	RIVER	VPC	VERTICAL POINT OF CURVE
	EASTBOUND	N	NORTH	RD	ROAD	VPI	VERTICAL POINT OF INTERSECTION
	ELECTRIC (AL)	Υ	NORTH GRID COORDINATE	RDWY	ROADWAY	VPRC	VERTICAL POINT OF REVERSE CURVE
,	ELEV ELEVATION	NB	NORTHBOUND	SALV	SALVAGED	VPT	VERTICAL POINT OF TANGENCY
}	EMBANKMENT	NO	NUMBER	SEC	SEC	VIT	VITRIFIED
	EMERGENCY VEHICLE PREEMPT	OD	OUTSIDE DIAMETER	SHLDR	SHOULDER	VOL	VOLUME
3	EMERGENCY VEHICLE PREEMPT RECEIVER	PAVT	PAVEMENT	SHR	SHRINKAGE	W	WATER
	ENDWALL	PERM	PERMANENT	SW	SIDEWALK	WM	WATER MAIN
	ENTRANCE	PT	POINT	SB#	SIGNAL BASE	WV	WATER VALVE
	EXCAVATION	PCC	POINT OF COMPOUND CURVE	S	SOUTH	W	WELL
	EXCAVATION BELOW SUBGRADE	PC	POINT OF CURVATURE	SB	SOUTHBOUND	W	WEST
	EXISTING	PI	POINT OF INTERSECTION	SP	SANITARY SEWER PIPE	WB	WESTBOUND
	EXPANSION	PRC	POINT OF REVERSE CURVATURE	SPECS	SPECIFICATIONS	YD	YARD
	FACE TO FACE	PT	POINT OF TANGENCY	RC	REINFORCED CONCRETE		-

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PROJECT

LA CROSSE REGIONAL AIRPORT

HANGAR

LA CROSSE WISCONSIN REVISION SCHEDULE DESCRIPTION

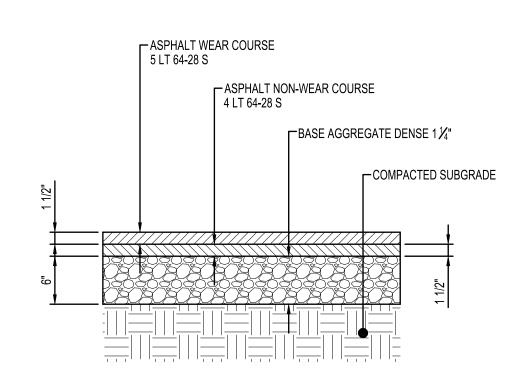
17-19923 PROJECT NO. 19923 C0 LOCATION FILE NAME DRAWN BY ADB DESIGNED BY KBR REVIEWED BY WAK ORIGINAL ISSUE DATE 04/07/2017 CLIENT PROJECT NO.

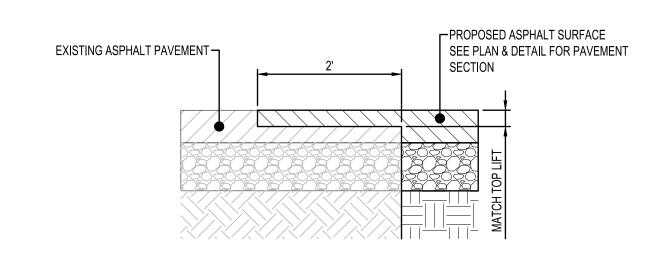
TITLE

SITE DATA

CO-10







NOTES:

USE WHENEVER NEW ASPHALT ABUTS EXISTING ASPHALT

STANDARD ASPHALT PAVEMENT

NTS ST110

EDGE MILLING

TS ST350



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PROJECT

LA CROSSE REGIONAL AIRPORT

HANGAR

LA CRO	JSSE	WISCO	15IN
	REVISION SCHEDULE		
DATE	DESCRIPTION		BY

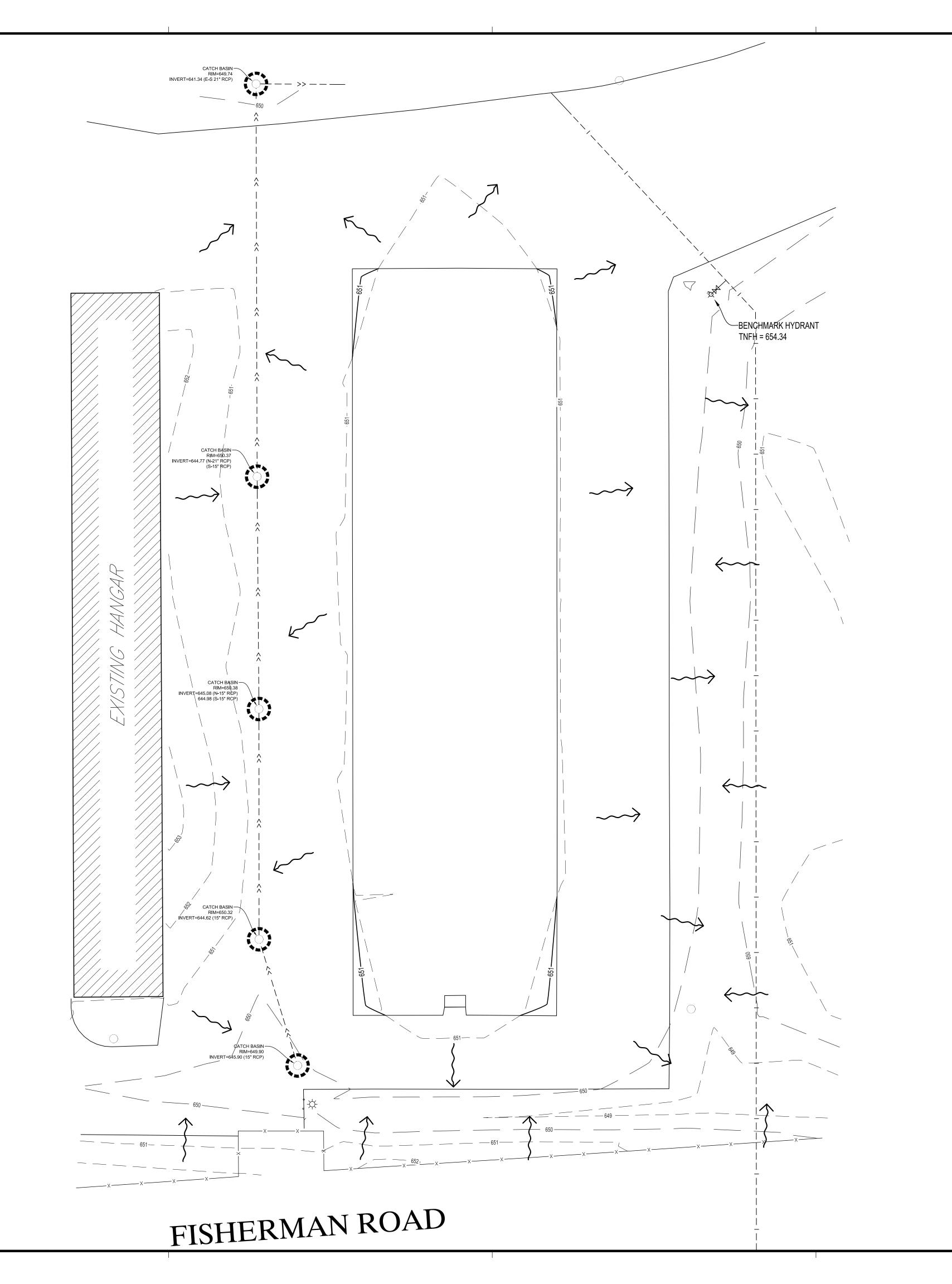
	PROJECT NO.	17-19923
	FILE NAME	19923 C0 DETAIL
	DRAWN BY	ADB
	DESIGNED BY	KBR
	REVIEWED BY	WAK
	ORIGINAL ISSUE DATE	04/07/2017
	CLIENT PROJECT NO	_

TITLE

CIVIL DETAILS

SHEET

C0-20



EROSION CONTROL LEGEND

SYMBOL	ITEM NO.	DESCRIPTION	UNITS	QANTITY
0	2573.530	EXISTING STORM DRAIN INLET PROTECTION	EACH	5
الخر		EXISTING DRAINAGE ARROW		

CONSTRUCTION STORMWATER PERMIT. NO GUARANTEE IS MADE TO THE ACTUAL QUANTITIES REQUIRED.

SEE SITE RESTORATION PLAN FOR FINAL TURF ESTABLISHMENT

QUANTITIES ARE FOR INFORMATIONAL PURPOSES TO MEET THE REQUIREMENTS OF THE

THE QUANTITIES SHOWN ARE TOTAL FOR THE ENTIRE PROJECT NOT SPECIFIC TO THIS SHEET.

NOTE: SWPPP COVERAGE INCLUDES ELECTRIC, GAS, TELEPHONE, AND CABLE INSTALLATION. EACH COMPANY OR THEIR SUBCONTRACTOR IS RESPONSIBLE TO FOLLOW THE REQUIREMENTS OF THIS SWPPP INCLUDING PROVIDING THEIR OWN RESTORATION IF INSTALLATION OCCURS AFTER PRIMARY INSTALLATION OF SEEDING/SODDING/MULCHING DURING CONSTRUCTION OF EACH UTILITY.



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PROJECT

LA CROSSE REGIONAL AIRPORT

HANGAR

REVISION SCHEDULE

DATE DESCRIPTION BY

	PROJECT NO.	17-19923
	FILE NAME	19923 C1 SWPPP
ı	DRAWN BY	ADB
	DESIGNED BY	KBR
	REVIEWED BY	WAK
	ORIGINAL ISSUE DATE	04/07/2017
ı	CLIENT PROJECT NO.	-

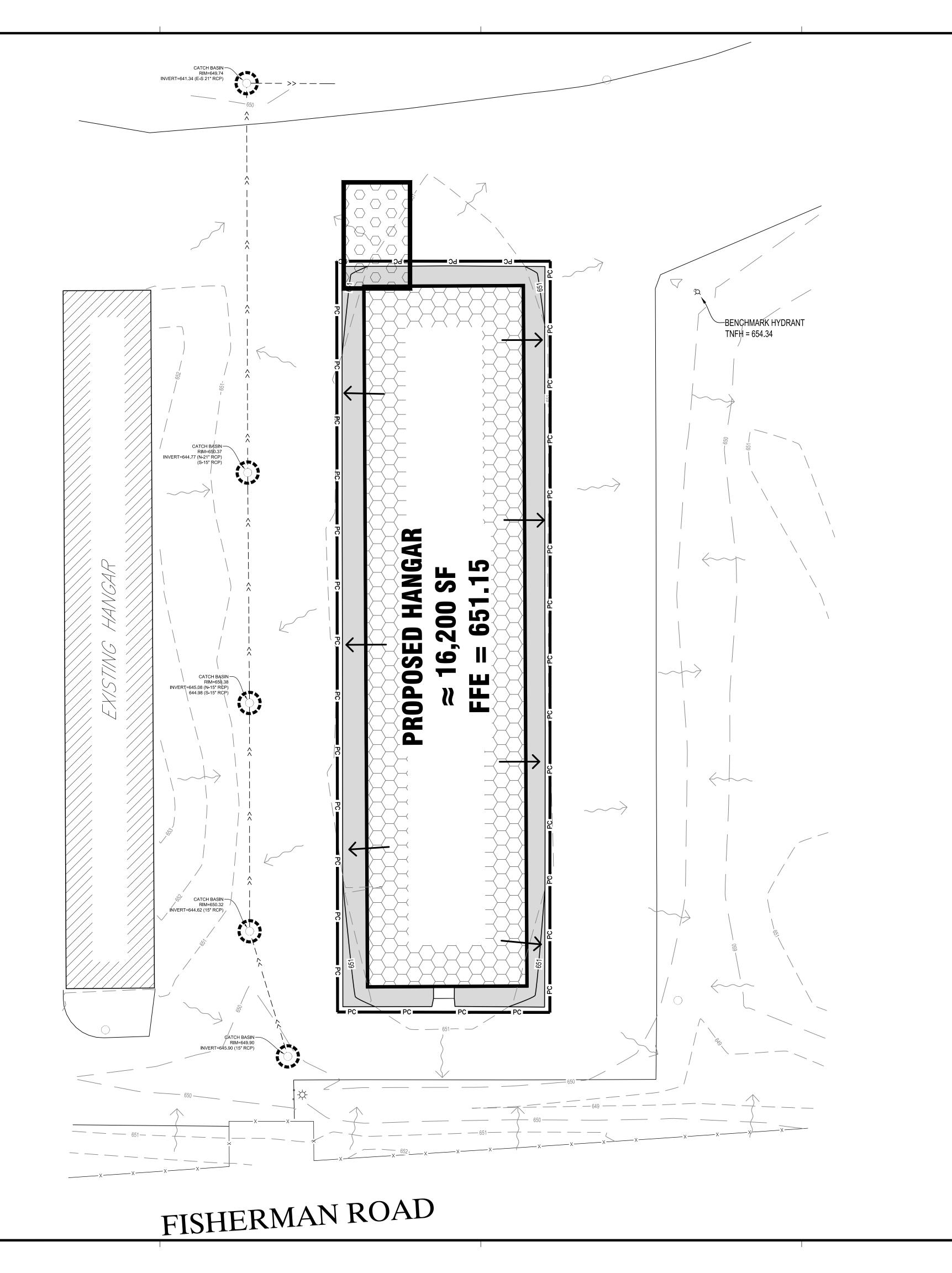
TITLE

EROSION CONTROL PLAN (EXISTING CONDITIONS)

SHEET

SCALE IN FEET

C1-10



EROSION CONTROL LEGEND

SYMBOL	ITEM NO.	DESCRIPTION	UNITS	QANTITY
PC ———		*PERIMETER CONTROL	LF	_
0	2573.530	EXISTING STORM DRAIN INLET PROTECTION	EACH	_
000000	2573.535	STABILIZED CONSTRUCTION EXIT	EACH	_
الحر		EXISTING DRAINAGE ARROW		
7		PROPOSED DRAINAGE ARROW		

PERIMETER CONTROL CAN BE SILT FENCE, BIO-ROLL OR WOOD MULCH.

QUANTITIES ARE FOR INFORMATIONAL PURPOSES TO MEET THE REQUIREMENTS OF THE CONSTRUCTION STORMWATER PERMIT. NO GUARANTEE IS MADE TO THE ACTUAL QUANTITIES REQUIRED.

THE QUANTITIES SHOWN ARE TOTAL FOR THE ENTIRE PROJECT NOT SPECIFIC TO THIS SHEET.

SEE SITE RESTORATION PLAN FOR FINAL TURF ESTABLISHMENT

COMPANY OR THEIR SUBCONTRACTOR IS RESPONSIBLE TO FOLLOW THE REQUIREMENTS OF THIS SWPPP INCLUDING PROVIDING THEIR OWN RESTORATION IF INSTALLATION OCCURS AFTER PRIMARY INSTALLATION OF SEEDING/SODDING/MULCHING DURING CONSTRUCTION OF EACH UTILITY.

SCALE IN FEET

NOTE: SWPPP COVERAGE INCLUDES ELECTRIC, GAS, TELEPHONE, AND CABLE INSTALLATION. EACH



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PROJECT

LA CROSSE REGIONAL AIRPORT

HANGAR

REVISION SCHEDULE

DATE DESCRIPTION BY

PROJECT NO.	17-19923
FILE NAME	19923 C1 SWPPP
DRAWN BY	ADB
DESIGNED BY	KBR
REVIEWED BY	WAK
ORIGINAL ISSUE DATE	04/07/2017
CLIENT PROJECT NO.	-

TITLE

EROSION CONTROL PLAN (PROPOSED CONDITIONS)

SHEET

C1-20

STORM WATER POLLUTION PREVENTION PLAN NOTES:

GENERAL PROJECT INFORMATION:

PROJECT NARRATIVE:

This project consists of the construction of an 16,200 sf building and bituminous pavement along with all the necessary grading, paving, utilities, erosion control, site restoration, and any incidental items.

RESPONSIBLE PARTIES:

Contractor and 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 according to WDNR requirements.

Company:	Contact Person:	Phone:
ddress:		
Company:	 Contact Person:	 Phone:

Address:

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) = .52 acres
- Minimum area requiring WDNR permit = 1.00 acres
- 5.0

PROJECT DOES NOT REQUIRE A WPDES PERMIT

Existing area of impervious surface = .52 acres

Post construction area of impervious surface = .52 acres

Total new impervious surface area created = 0.00 acres

Minimum area of new impervious surface created requiring permanent storm water management = 1.00 acres

RECEIVING WATERS:

Surface waters which will receive storm water from the site within 1 mile (aerial radius measurement) of project boundary. Include waters shown on USGS 7.5 minute quad and all waters identified in Appendix A of the permit.

	Name of Water Body	Type (ditch, pond, wetland, lake, etc.)	Appendix A Special or Impaired Water?	
Mississippi		River	Impaired	
	Black	River	Impaired	

Additional BMPs together with enhanced runoff controls are required for discharges to Special or Impaired waters within 1 mile of the site. (See Appendix A)

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.

Turf establishment or temporary seeding or mulching of all exposed soil not being actively worked should be practiced following the table below:

Type of Slope	Time Area can Remain Open Without Being Actively Worked	
or Disturbance Area	Normal Water	WATER-TYPE
Steeper than 3:1	14 days	7 days
10:1 to 3:1	14 days	7 days
Flatter 10:1	14 days	7 days
Ditches	1 day	1 day
Pipe Ends	1 day	1 day
Within 200 Feet of Surface Water	1 day	1 day

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 exposed soils shall be seeded or sodded at the earliest possible time to prevent/reduce erosion.

A. Seeding shall be per site restoration plan

B. Sodding shall be applied according to WisDOT Specification Section 631.

CONSTRUCTION ACTIVITY NOTES(CONT):

EROSION PREVENTION(CONT):

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

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.

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.

Perimeter control shall be installed along the back of curb immediately following curb installation at all locations with positive drainage to parking lot and/or streets, and remaining until stabilization is achieved. This shall be accomplished through the use of silt fence.

(Biorolls, Rock logs, or other methods approved by the engineer prior to installation shall also be placed acceptable)

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

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.

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 off site: All liquid and solid wastes generated by concrete washout must be contained and not have the opportunity to come in contact with the surface waters or ground water. This includes ditches, slopes to ditches, curb and gutter, storm sewer systems, and ponds. All excess water and concrete must leave the site within the concrete trucks. Liquid and solid wastes must be disposed of properly.

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.

CONSTRUCTION ACTIVITY NOTES(CONT):

INSPECTION AND MAINTENANCE(CONT):

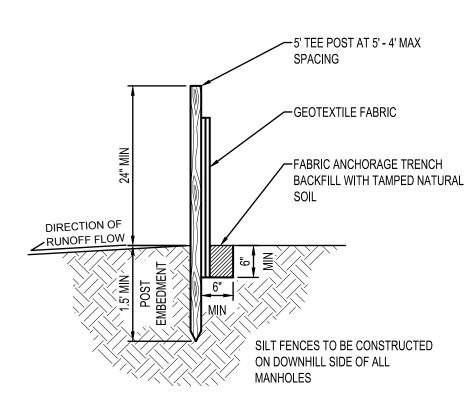
Erosion control and other BMP's must be replaced, repaired, or supplemented when they reach 33% design load.

FINAL STABILIZATION:

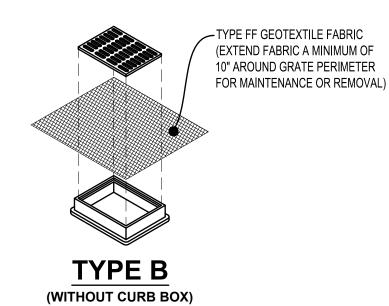
The Contractor must ensure final stabilization of the site. The Contractor must submit a Notice of Termination when the site has undergone final stabilization and all stormwater discharges associated with the construction site activities that require to have WPDES coverage have ceased.

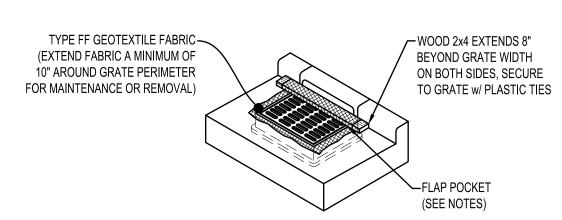
All temporary erosion control measures and BMP's must be removed as part of the final site

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



SILT FENCE NTS EC100





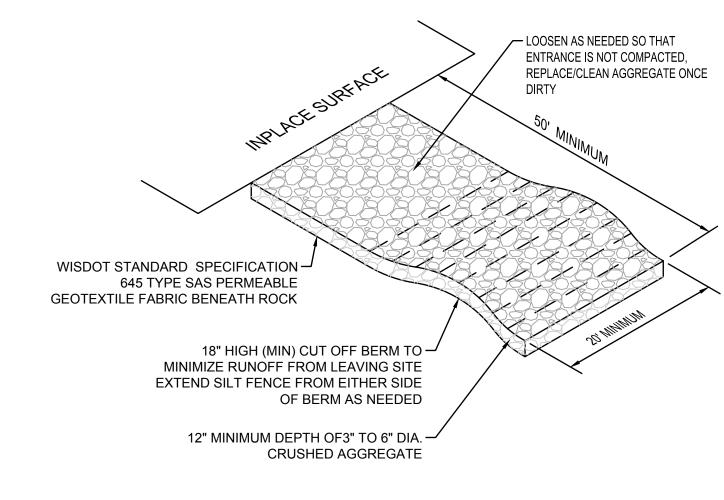
TYPE C (WITH CURB BOX)

NOTES:

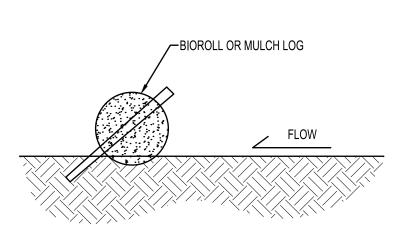
FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2" x 4". THE REBAR, STEEL PIPE, OR WOOD SHALL BE INSTALLED IN TEH REBAR FLAP AND SHALL NOT BLOCK THE TOP HALF OF THE CURB FACE

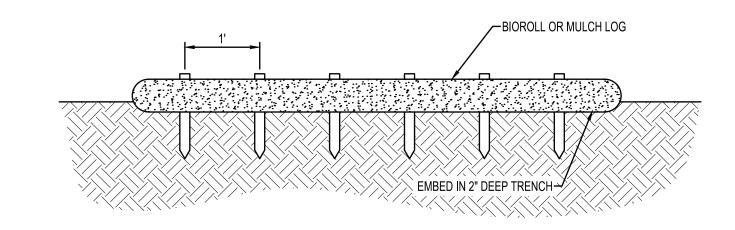
WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED IN THE FABRIC DOES NOT FALL INTO THE STRUCTURE. MATERIAL THAT HAS FALLEN INTO THE INLET SHALL BE IMMEDIATELY REMOVED.





STONE TRACKING PAD NTS EC600





NOTES:

BIOROLL/MULCH LOGS TO BE 6" DIAMETER UNLESS OTHEWISE NOTED. STAKED INTO THE GROUND WITH WOOD STAKES.

WOOD STAKES ARE A MINIMUM OF 2"x16"x½" UNLESS PRECLUDED BY PAVED SURFACE OR ROCK.

WOOD STAKES DRIVEN THROUGH BACK HALF OF BIOROLL OR WOOD MULCH LOG AT AN APPROXIMATE ANGLE OF 45° WITH THE TOP OF STAKE POINTING UP STREAM.

WHEN MORE THAN ONE BIORLLL IS NEEDED, OVERLAP ENDS A MINIMUM OF 6" AND STAKE

BIOROLL STAKING
NTS EC300



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PROJECT

LA CROSSE REGIONAL AIRPORT

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LA CROSSE		WISCONSIN

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	REVISION SCHEDULE		
DATE	DESCRIPTION		BY

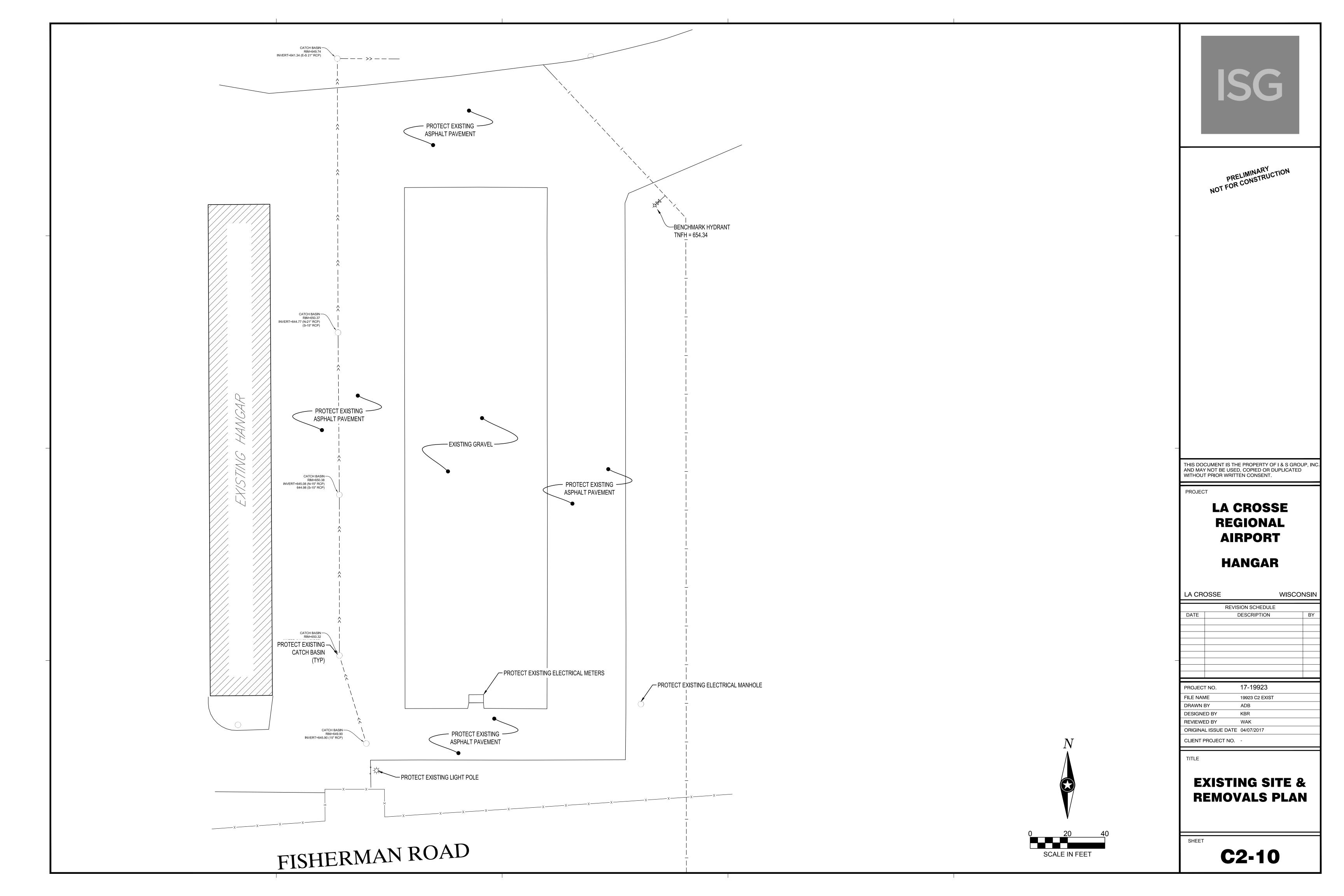
PROJECT NO.	17-19923
FILE NAME	19923 C1 SWPPP
DRAWN BY	ADB
DESIGNED BY	KBR
REVIEWED BY	WAK
ORIGINAL ISSUE DATE	04/07/2017
CLIENT PROJECT NO.	-

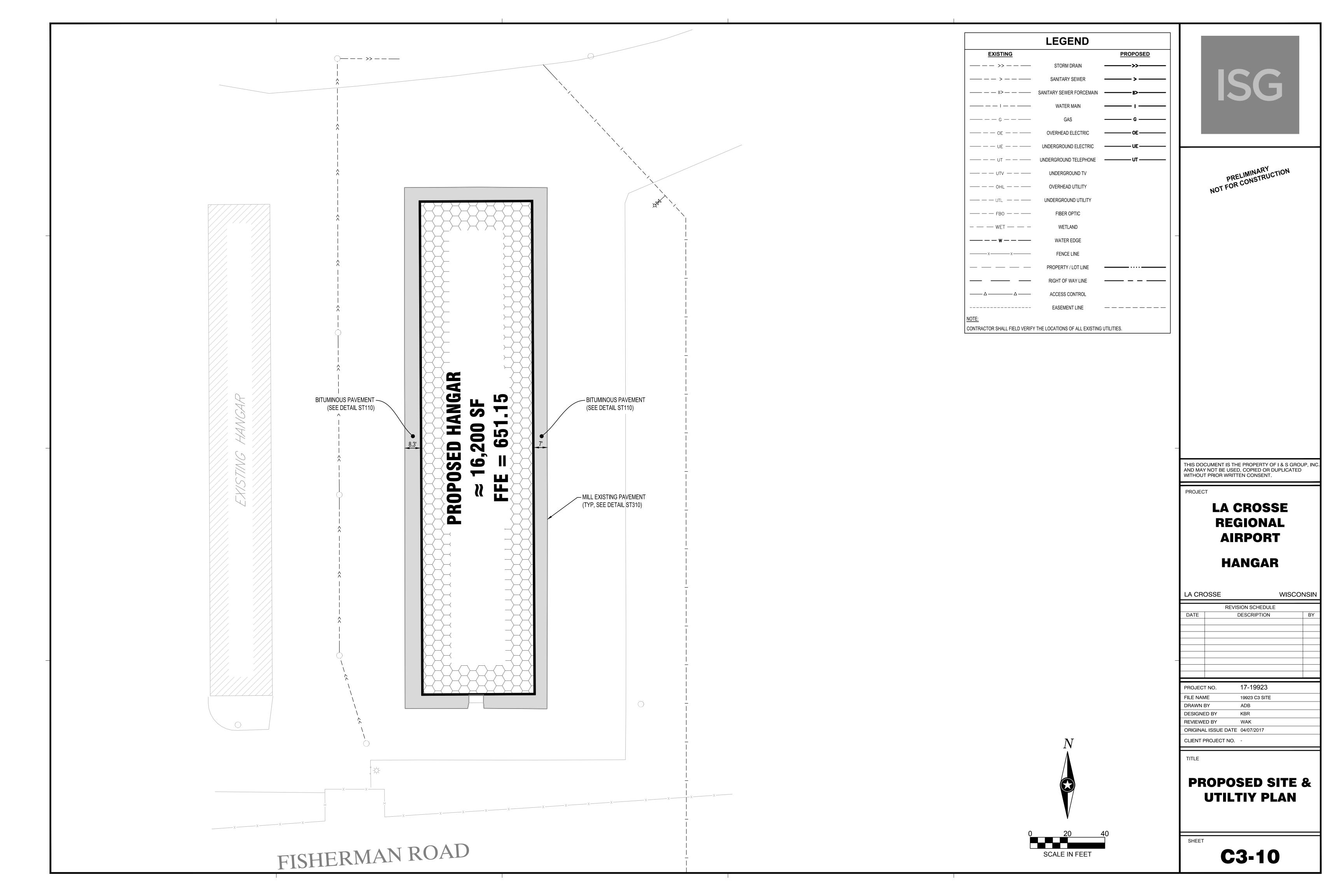
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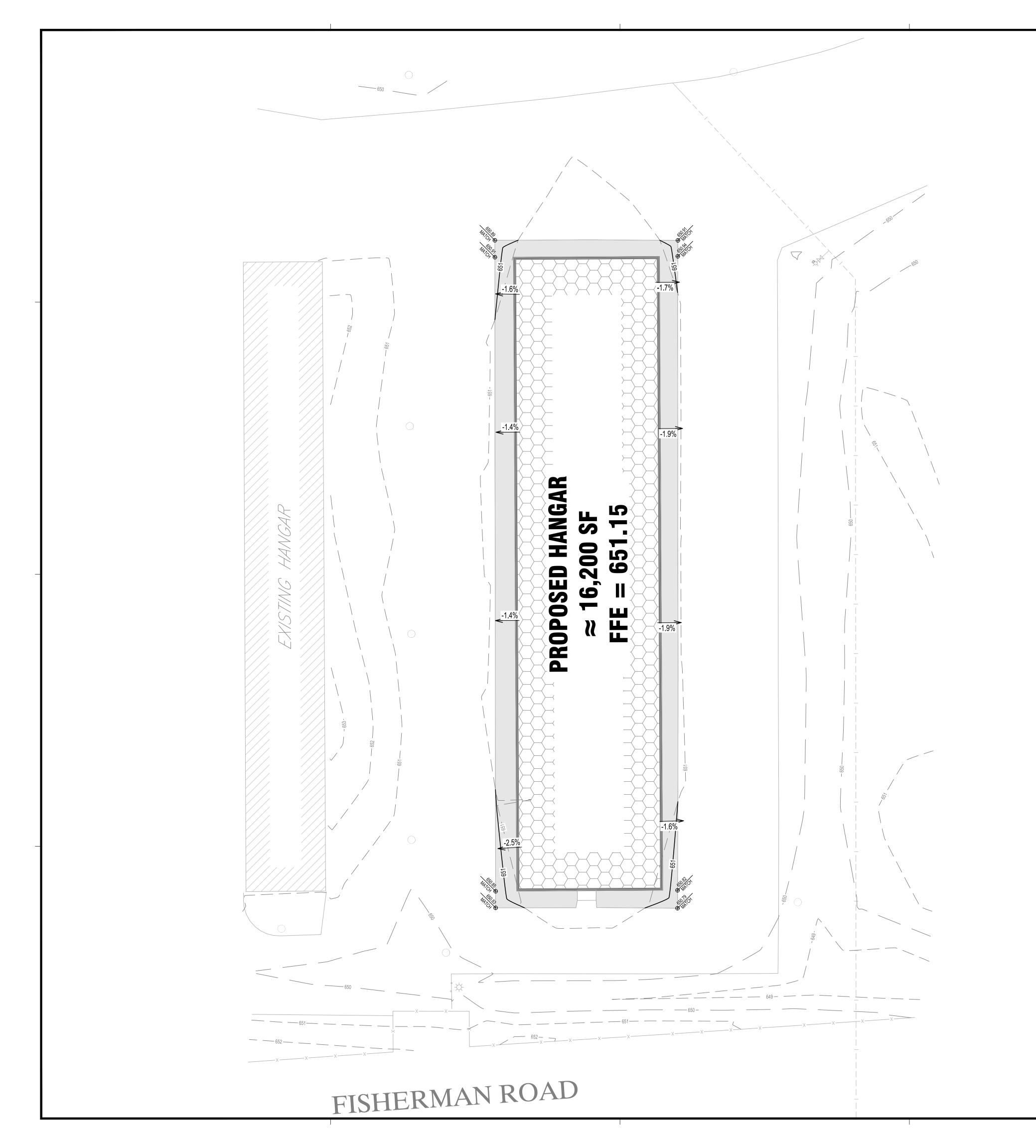
EROSION CONTROL NOTES & DETAILS

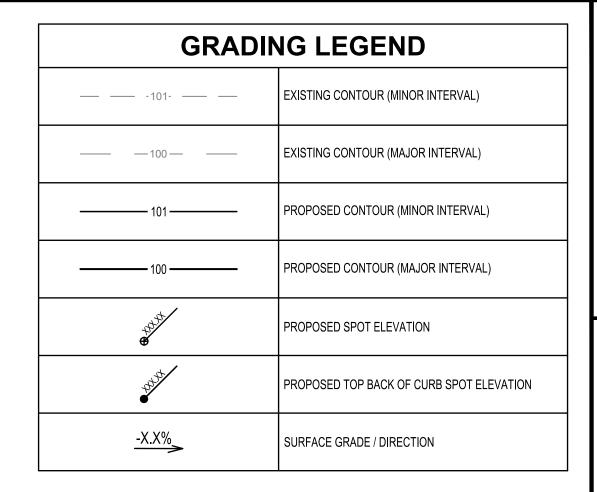
SHEET

C1-30









GENERAL GRADING NOTES

EXCAVATED MATERIAL SHALL BE COMPACTED TO 100% PROCTOR DENSITY FOR THE UPPER 3', AND 95% PROCTOR DENSITY BELOW 3' IN ALL BUILDING PADS. REFER TO THE QUALITY COMPACTION METHOD IN ALL OTHER AREAS.

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





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PROJECT

LA CROSSE REGIONAL AIRPORT

HANGAR

LA CR	OSSE	WISCONSIN
	REVISION SCHEDUL	E
DATE	DESCRIPTION	BY
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PROJEC.	T NO. 17-19923	

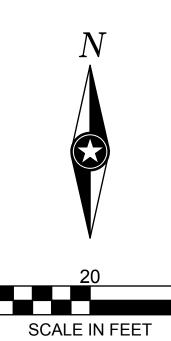
PROJECT NO.	17-19923
FILE NAME	19923 C4 GRADE
DRAWN BY	ADB
DESIGNED BY	KBR
REVIEWED BY	WAK
ORIGINAL ISSUE DATE	04/07/2017
CLIENT PROJECT NO.	-

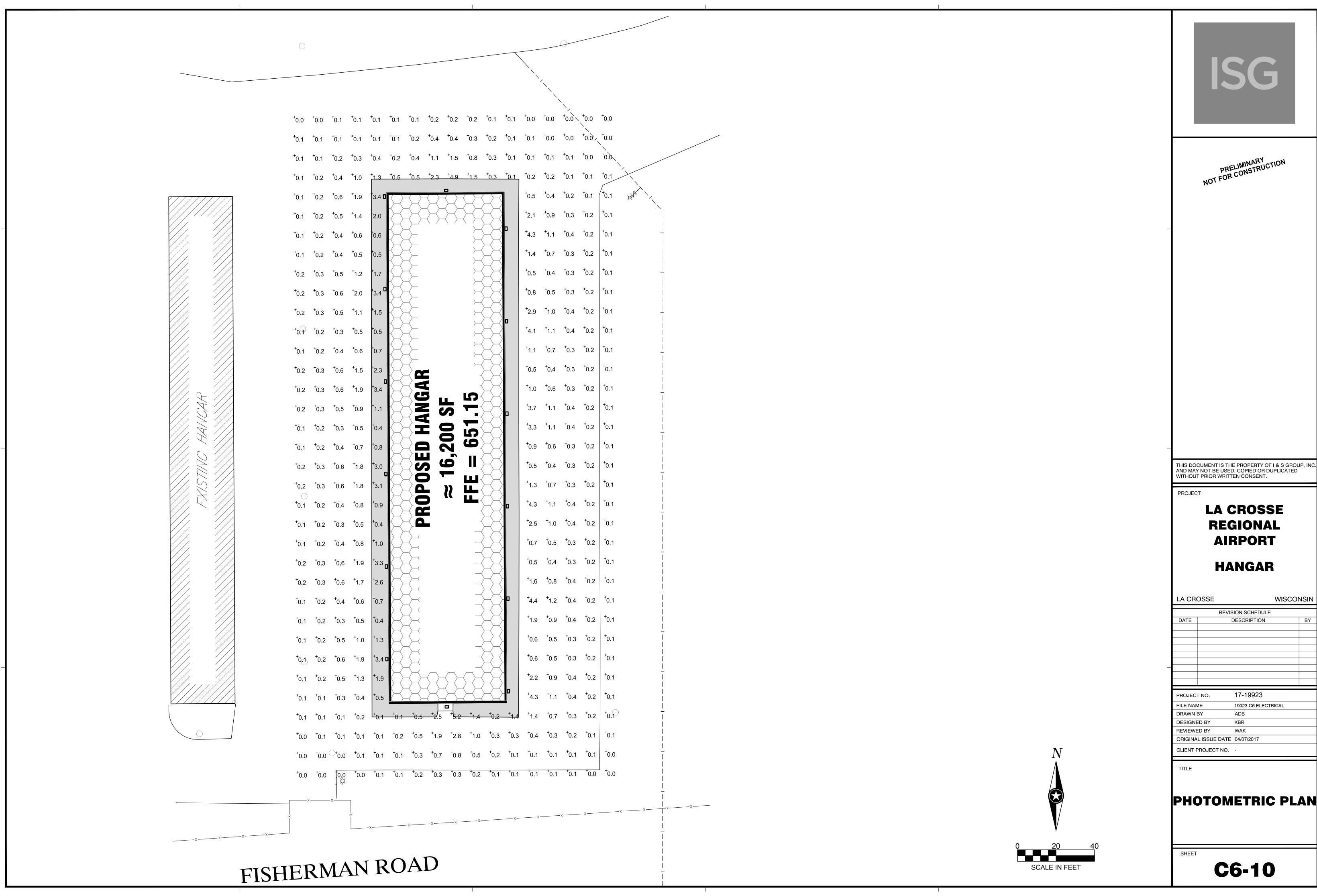
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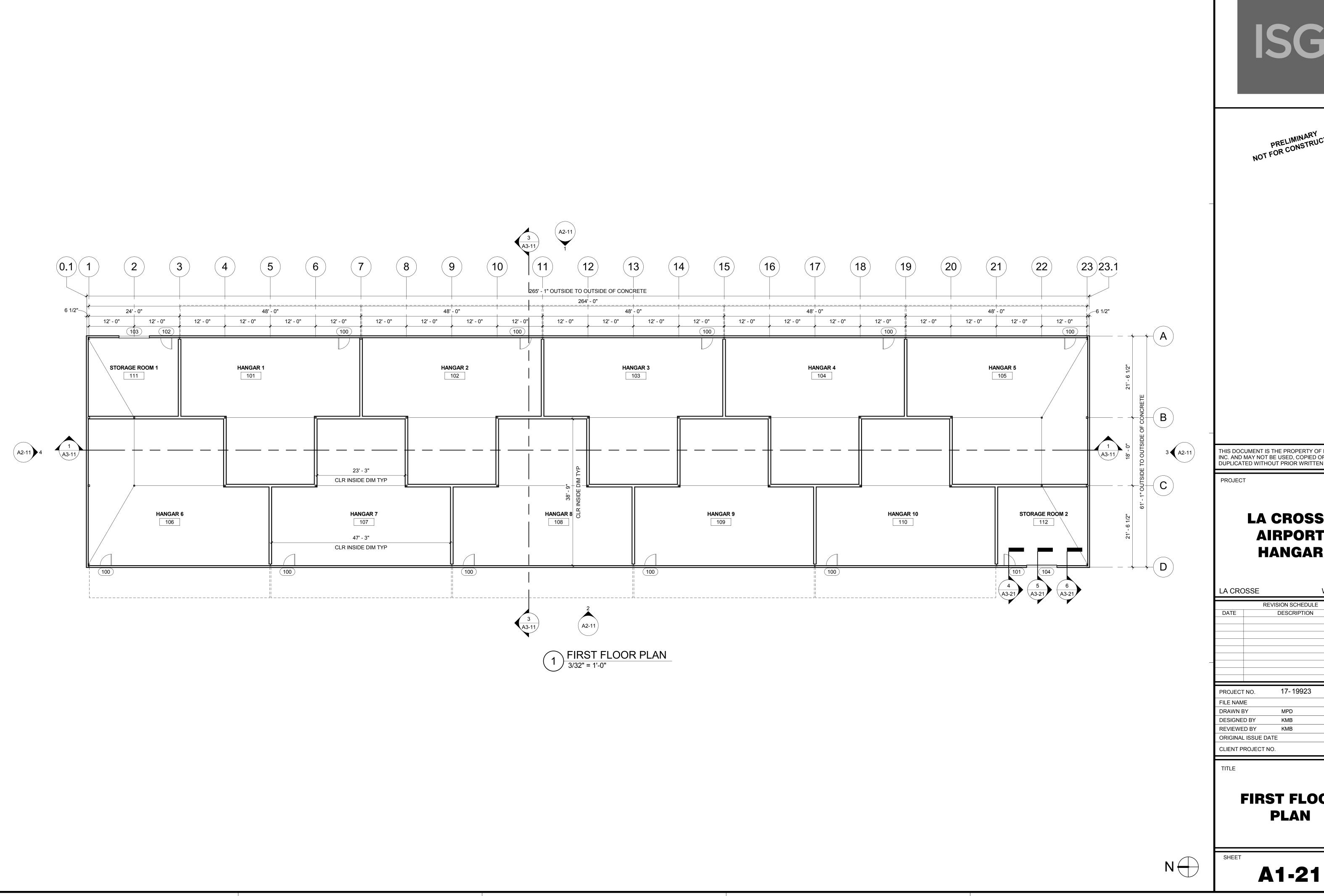
GRADING PLAN

SHEET

C4-10







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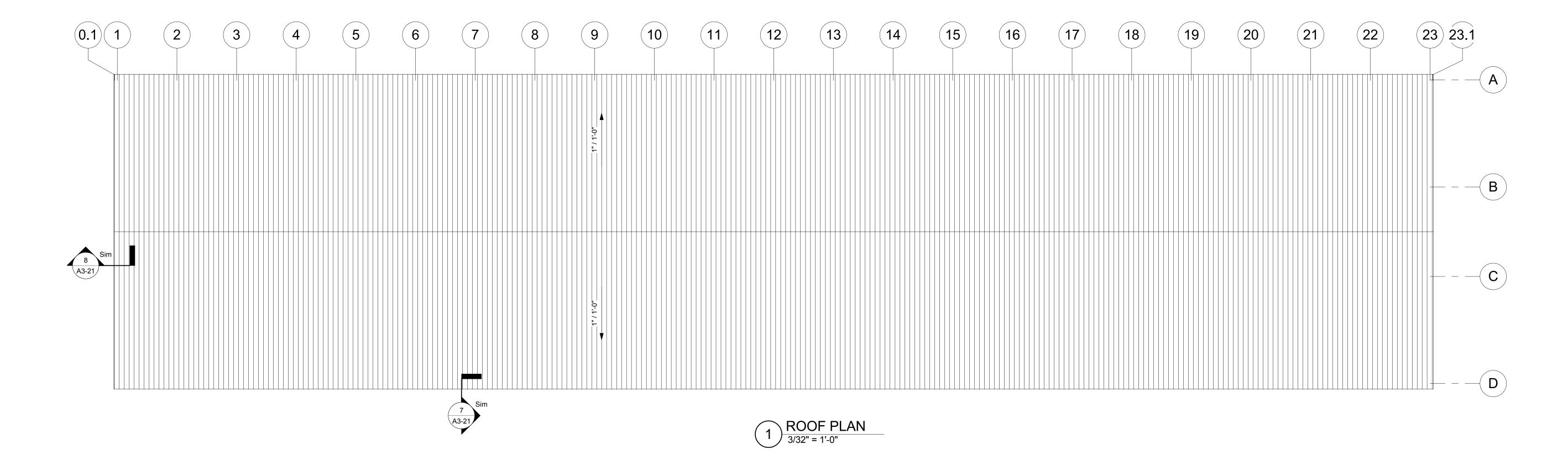
> LA CROSSE **AIRPORT HANGAR**

WISCONSIN REVISION SCHEDULE DESCRIPTION

FIRST FLOOR

ISG





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PROJECT

LA CROSSE AIRPORT HANGAR

REVISION SCHEDULE

DATE DESCRIPTION BY

PROJECT NO. 17-19923

PROJECT NO. 17-19923

FILE NAME

DRAWN BY MPD

DESIGNED BY KMB

REVIEWED BY KMB

ORIGINAL ISSUE DATE

CLIENT PROJECT NO.

TITLE

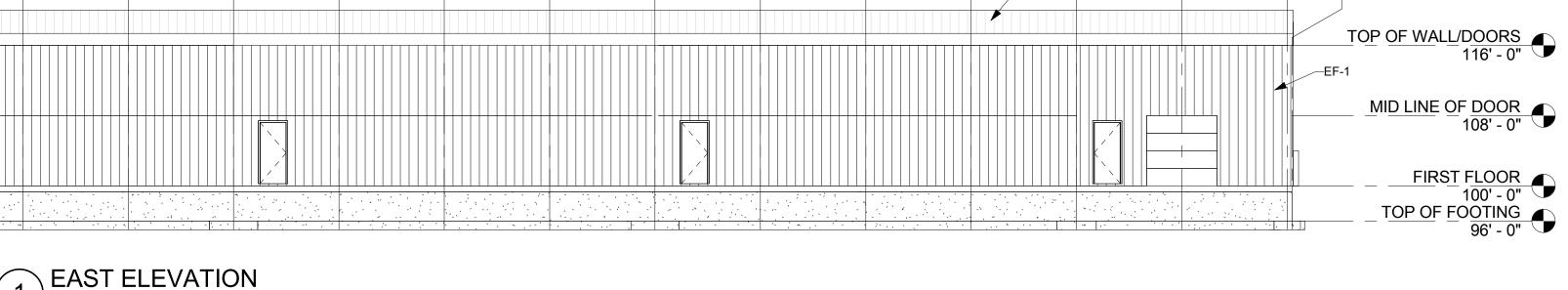
ROOF PLAN

SHEET

A1-71

EXTERIOR FINISH SCHEDULE COLOR MARK **MATERIAL** COMMENTS WHITE PREFINISHED METAL PANEL

PRELIMINARY NOT FOR CONSTRUCTION



(6)

(5)

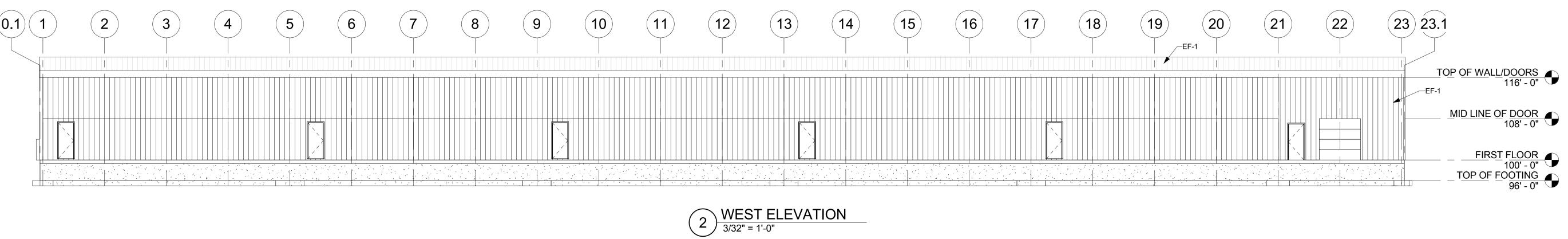
1 EAST ELEVATION 3/32" = 1'-0"

(12)

(11)

9

(8)



PROJECT

LA CROSSE **AIRPORT HANGAR**

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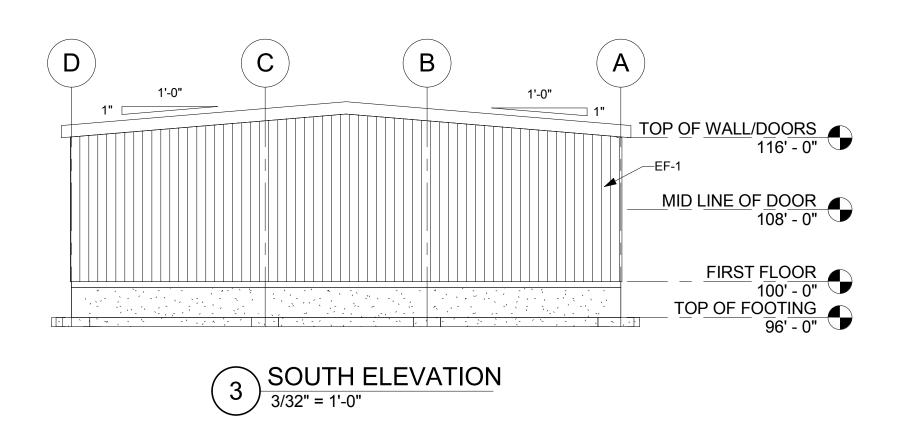
LA CROSSE WISCONSIN REVISION SCHEDULE DATE DESCRIPTION

PROJECT NO.	17-19923
FILE NAME	
DRAWN BY	MPD
DESIGNED BY	KMB
REVIEWED BY	КМВ
ORIGINAL ISSUE DATE	
CLIENT PROJECT NO.	

TITLE

EXTERIOR ELEVATIONS

SHEET **A2-11**



(21)

(20)

(18)

(15)

(14)

