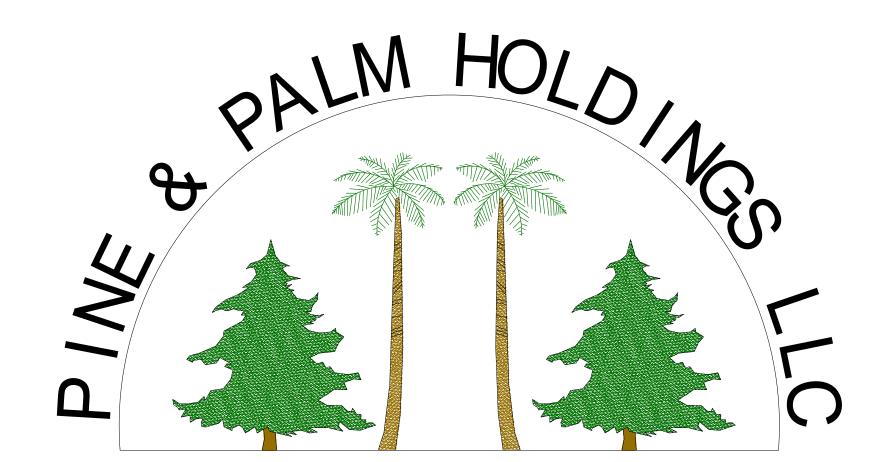
PINE & PALM HOLDINGS LLC PROPOSED NEW BUILDING

La Grandeur Road

Somerset, WI 54025



CONSTRUCTION NOTES

- A. CONTRACTOR SHALL NOTIFY UTILITIES AND HAVE ALL
- UTILITIES LOCATED PRIOR TO EXCAVATION.
- B. CONTRACTOR SHALL MAINTAIN TRAFFIC ACCESSIBILITY
- C. EXISTING LOCATIONS ARE APPROXIMATE, CONTRACTOR TO FIELD

VERIFY ALL LOCATIONS.

GENERAL NOTES

ALL WORK SHALL BE IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS AND CODES

DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS AND CONDITIONS.

APPLICABLE BUILDING CODES:

WISCONSIN BUILDING CODE, IBC 2015, IECC 2015.

SITE GRADING DESIGN, HVAC, ELECTRICAL, LIGHTING, & EMERGENCY EGRESS LIGHTING NOT BY ARCHITECT

BUILDING SUPERSTRUCTURE BY BUTLER MFG. TO BE SUBMITTED AS A SEPARATE COMPONENT.

- **CONCRETE SITE CAST** A. DESIGN CODE: ACI 318. ACI "MANUAL OF STANDARD PRACTICE...". LATEST ADOPTION.
 - - 1. MINIMUM CONCRETE STRENGTH AT 28 DAYS (f'c) FOR SLABS ON GRADE TO BE 4000 PSI & FOR FOOTINGS & WALLS 3500 PSI.
 - 2. CONCRETE SUPPLIER TO SUBMIT CONCRETE DESIGN MIX DESIGNS TO ARCHITECT AND GENERAL CONTRACTOR FOR ALL SITE CAST CONCRETE UPON REQUEST.
 - 3. FURNISH 5-7% AIR ENTRAINING AGENT FOR ALL CONCRETE EXPOSED TO FREEZING TEMPERATURES.

ENERGY COMPLIANCE

UNHEATED SLAB ON GRADE

REQUIRED: U-.049

PROVIDED: U-.031

REQUIRED: U-.069 PROVIDED: U-.052

REQUIRED: R-10

PROVIDED: R-10

WALLS

- 4. REINFORCING STEEL
 - a. WELDED WIRE FABRIC- ASTM A185, Fy=60 KSI MINIMUM
 - b. DEFORMED BARS- ASTM A615, GRADE 60. REINFORCING STEEL BARS SHALL BE MARKED PHYSICALLY WITH THE SAME
 - DESIGNATIONS AS SHOWN ON THE STRUCTURAL DRAWINGS. c. WELDED DEFORMED BARS- ASTM A706, GRADE 60.
- 5. INSTALL SLAB ON GRADE CONTROL JOINTS AS SHOWN ON PLANS AND DETAILS OR IN ACCORDANCE WITH PCA PUBLICATION "CONCRETE FLOORS ON GROUND". REFER TO PAGE 21 FOR REINFORCED SLABS AND PAGES 23 AND 24 FOR SLABS WITH
- DISTRIBUTED REINFORCEMENT. 6. PROVIDE DOWELS ACROSS JOINTS AS SHOWN ON DRAWINGS.
- C. WHEN DIRECTED, PROVIDE ALL INSPECTION REPORTS, MATERIAL TEST REPORTS, ETC. TO THE ARCHITECT.
- D. WHEN REQUESTED BY ARCHITECT, SUBMIT SHOP DRAWINGS FOR REINFORCING STEEL
- E. INSTALLATION NOTES
 - 1. ALL ITEMS TO BE PLACED IN ACCORDANCE WITH APPROVED SHOP DRAWINGS.
 - 2. PROVIDE WIRE SPACERS, CHAIRS, AND TIES FOR SUPPORT OF REINFORCING. SHOW ON SHOP DRAWINGS. MESH TO BE
 - INDEPENDENTLY SUPPORTED EVERY 25 SF (MINIMUM) USING CRSI RECOMMENDED SUPPORTS.
 - 3. SUPPORT REINFORCEMENT ONLY WITH CRSI RECOMMENDED BAR SUPPORTS (WOOD, BRICK, ETC. NOT ACCEPTABLE) OR HANG
 - FROM TOP OF FORMS. USE SUPPORTS WITH SAND PLATES OR HORIZONTAL RUNNERS FOR SLAB ON GRADE REINFORCEMENT. 4. CONCRETE COVER PER ACI 318, LATEST ADOPTION.
 - 5. SAWCUT SLABS ON GRADE AS SOON AS CONCRETE MAY BE WORKED WITHOUT UNRAVELING (MAXIMUM 6 HOURS AFTER PLACEMENT)

6. PLACE AND SECURELY TIE FOOTING DOWELS IN POSITION PRIOR TO CONCRETE PLACEMENT - DO NOT EMBED DOWELS INTO WET CONCRETE.

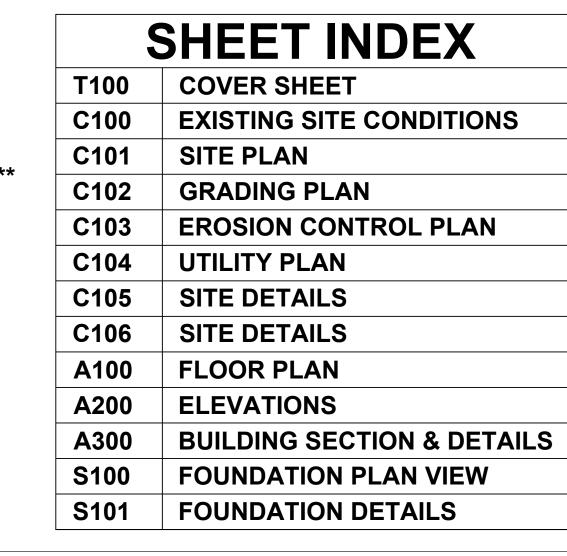
- SOIL PREPARATION AND FOUNDATIONS
 - A. MATERIALS
 - 1. FOOTINGS TO BEAR ON PROPERLY COMPACTED FILL OR NATIVE SOIL CAPABLE OF SUSTAINING A BEARING PRESSURE OF 2,000 PSF. THIS IS A PRESUMPTIVE VALUE. IF ANY SOIL APPEARS TO BE QUESTIONABLE, CONTACT THE ARCHITECT IMMEDIATELY.
 - 2. ALL FILL MATERIAL TO BE GRANULAR SOIL OR OTHER COHESIONLESS MATERIAL APPROVED BY THE SOIL TESTING AGENCY.
 - 3. GRANULAR SUB BASE (6" MINIMUM) UNDER SLABS ON GRADE TO HAVE PARTICLE GRADING TO THE FOLLOWING LIMITS:
 - PASS 1" MESH: 100%. PASS #4 SIEVE: NOT OVER 5%. PASS #200 SIEVE: NOT OVER 1%. 4. A VAPOR BARRIER UNDER SLAB IS REQUIRED WHERE NOTED ON PLAN SHEET S100.
 - B. INSTALLATION NOTES
 - 1. PRIOR TO INSTALLING FOUNDATIONS, SOIL TO BE FIELD INSPECTED, WHEN REQUIRED, BY AN INDEPENDENT TESTING AGENCY FAMILIAR WITH THE SITE TO ASSURE THAT THE COMPACTION SPECIFICATIONS HAVE BEEN SATISFIED. SUBMIT ALL INSPECTION REPORTS TO THE ARCHITECT
 - 2. ALL TOPSOIL TO BE STRIPPED FROM BUILDING AND PAVEMENT AREAS. ALL VERY LOOSE SANDS AND SILT AND CLAY SOILS
 - 3. ALL FILL MATERIAL TO BE SPREAD IN MAXIMUM 6" LOOSE LIFTS AND COMPACTED WITH VIBRATORY COMPACTORS TO THE SPECIFICATIONS OF THE SOIL TESTING COMPANY.
 - 4. SOIL COMPACTION AROUND AND ABOVE UTILITIES PASSING UNDER FOUNDATIONS TO CONFORM TO FOUNDATION COMPACTION CRITERIA. 5. PROVIDE MINIMUM 3'-6" SOIL COVER FOR FOUNDATION FROST PROTECTION IN HEATED AREAS AND 4'-6" IN UNHEATED AREAS







ALL CIVIL DRAWINGS BY CEDAR CORP





APPROVED DEPT. OF SAFETY AND PROFESSIONAL DIVISION OF INDUSTRY SERVICES



SEE CORRESPONDENCE

Regulated Object: Building w/ Metal Building Component Project Type: New Construction Transaction ID: 3243378 Date: 6/24/19

BUILDING LOADS

ROOF LIVE LOAD: 20.00 PSF REDUCIBLE

LOAD BEARING VALUE OF SOIL: 2,000 PSF PRESUMPTIVE

WIND SPEED: 115.00 MPH WIND ENCLOSURE: ENCLOSED WIND EXPOSURE: C-Kz: 0.936

GROUND SNOW LOAD: Pg: 50.00 PSF FLAT ROOF SNOW: pf: 31.50 PSF DESIGN SNOW (SLOPED): ps: 31.50 PSF **SNOW IMPORTANCE FACTOR: Is: 1.000** GROUND/ROOF CONVERSION: 0.70 THERMAL FACTOR: HEATED-Ct: 1.00

SEISMIC DESIGN CATEGORY: A

BUILDING DATA

CONSTRUCTION TYPE: IIB

BUILDING AREA MAIN FLOOR: 30,000 SF TOTAL B- 598 SF S1- 29,402 SF

IBC 903.2.9 SPRINKLER SYSTEM REQUIRED IBC TABLE 506.2 ALLOWS 92,000 SF "B" BUILDING AREA 70,000 SF "S-1" BUILDING AREA

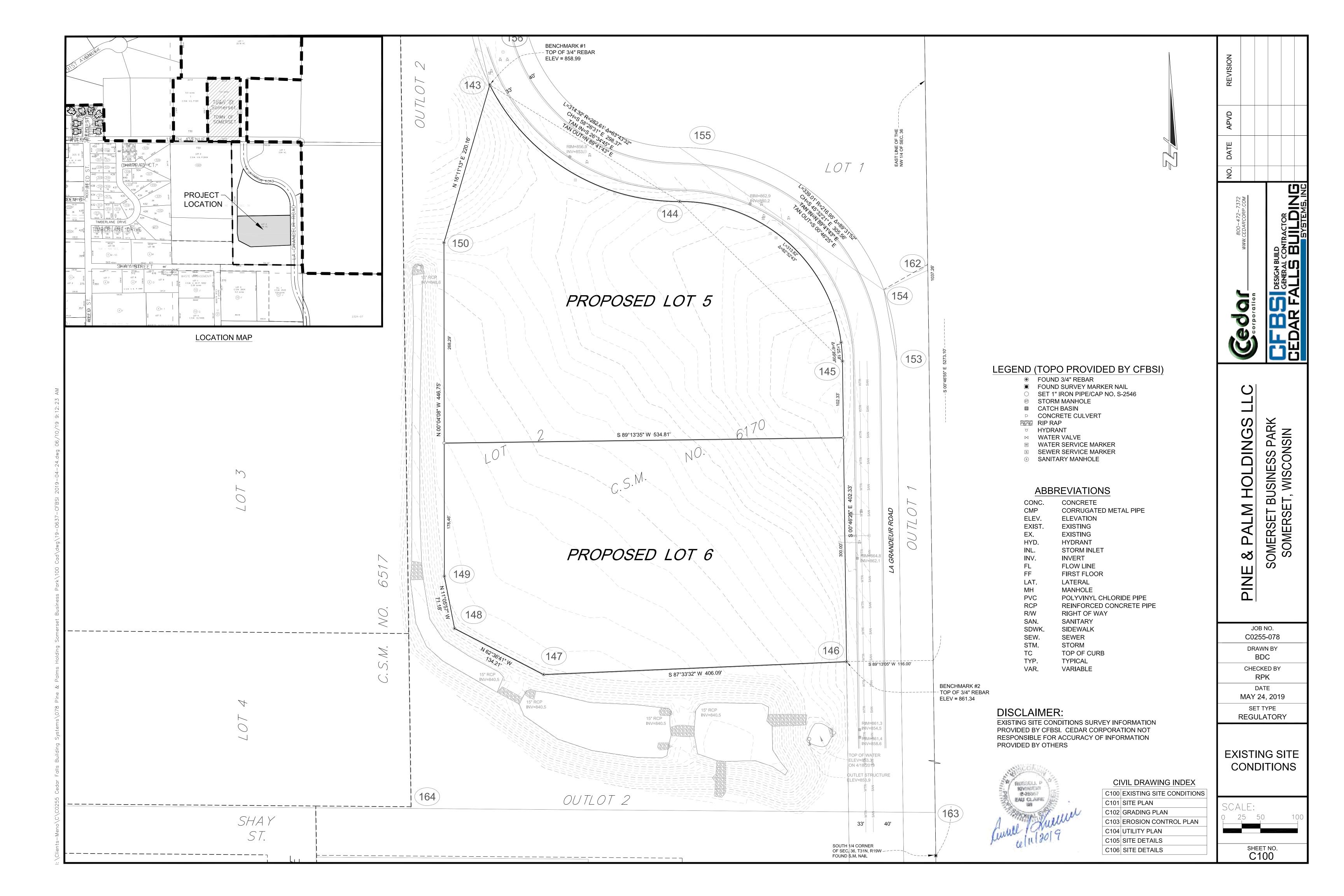
MAXIMUM ACTUAL EXIT DISTANCE: 118' IBC TABLE 1017.2 ALLOWS 250' EXIT DISTANCE

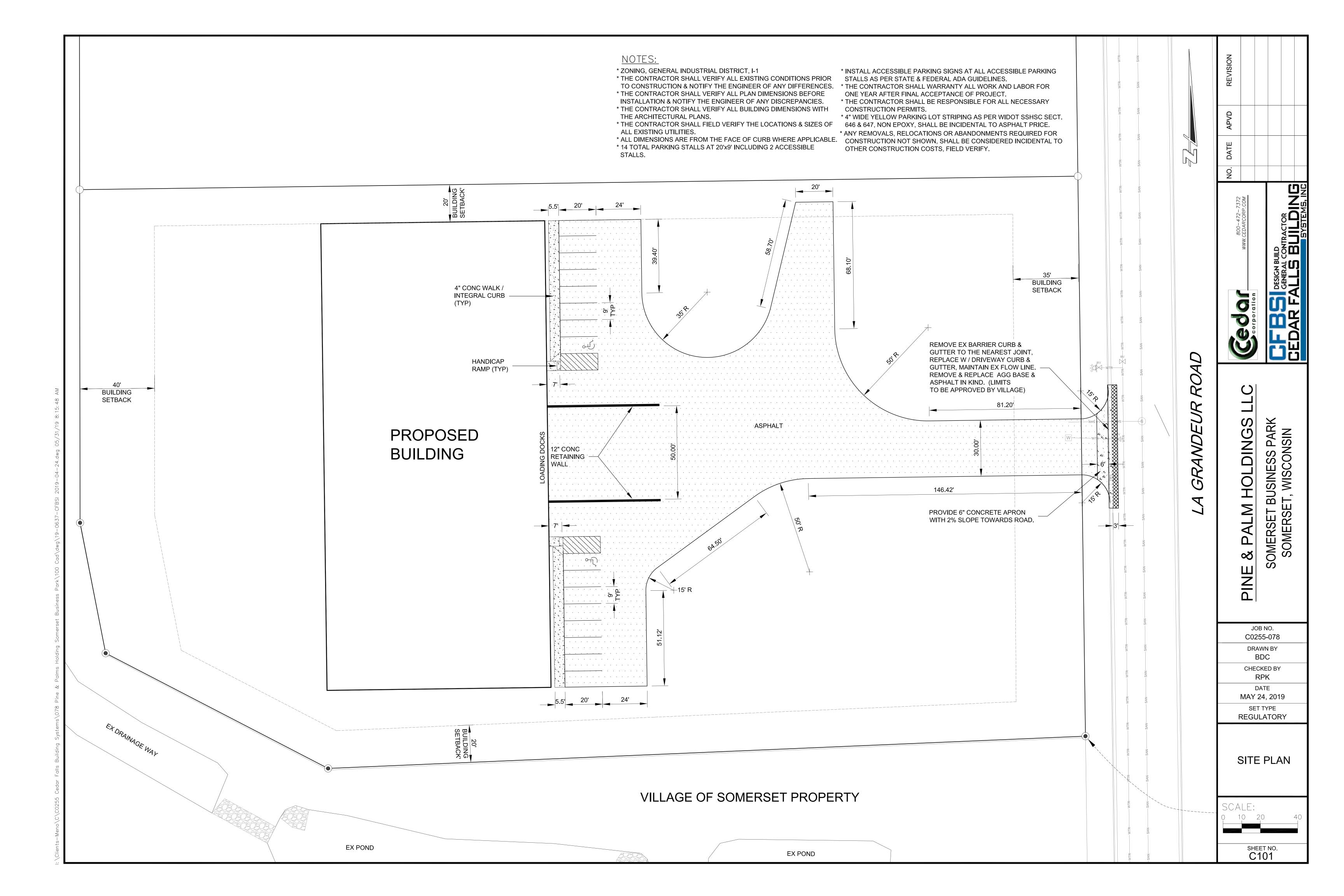
IBC 1013 PROVIDE EXIT LIGHTS PER THIS SECTION IBC 1008 PROVIDE EXIT ILLUMINATION PER THIS SECTION

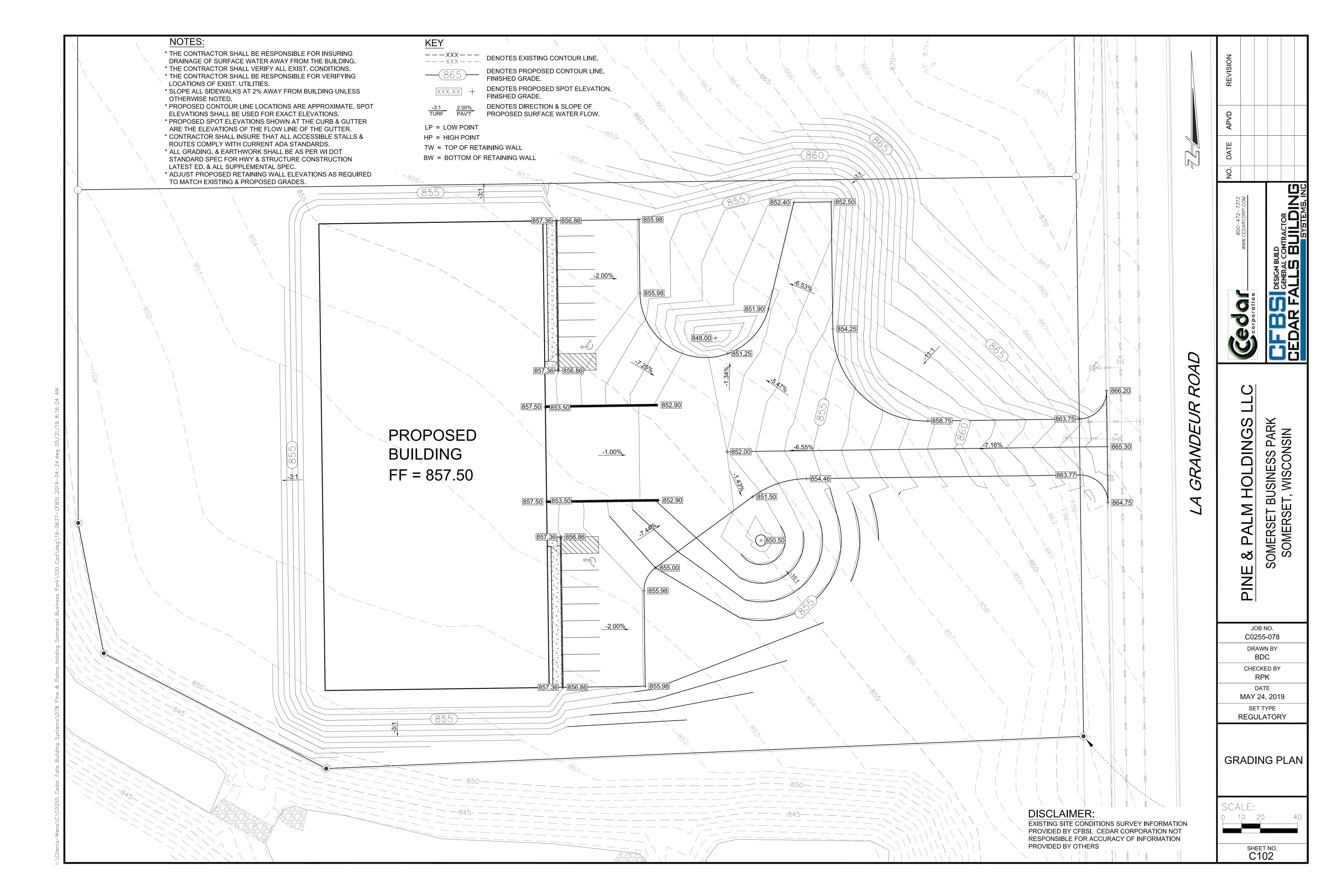
THERE WILL BE NO HIGH PILED COMBUSTIBLE STORAGE STORAGE OF CLASS I-IV <12' HIGH STORAGE OF GROUP A PLASTIC <6' HIGH PER IFC CHAPTER 32 & SPS 362.0202

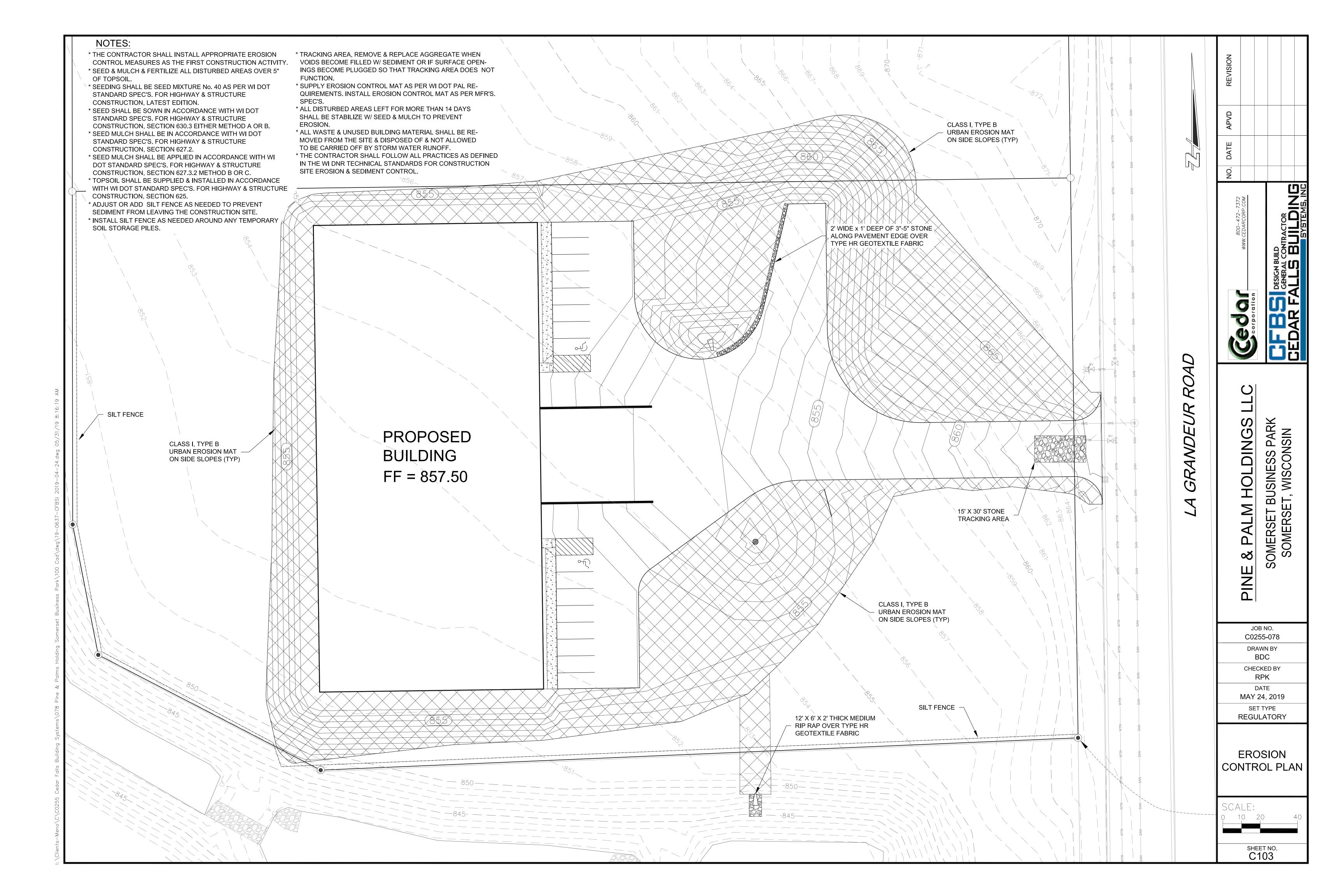
PROJECT: 19-029 DATE: 4/16/2019 DRAWN BY: MDM **REVIEWED BY:CGR REVISION:1** T100

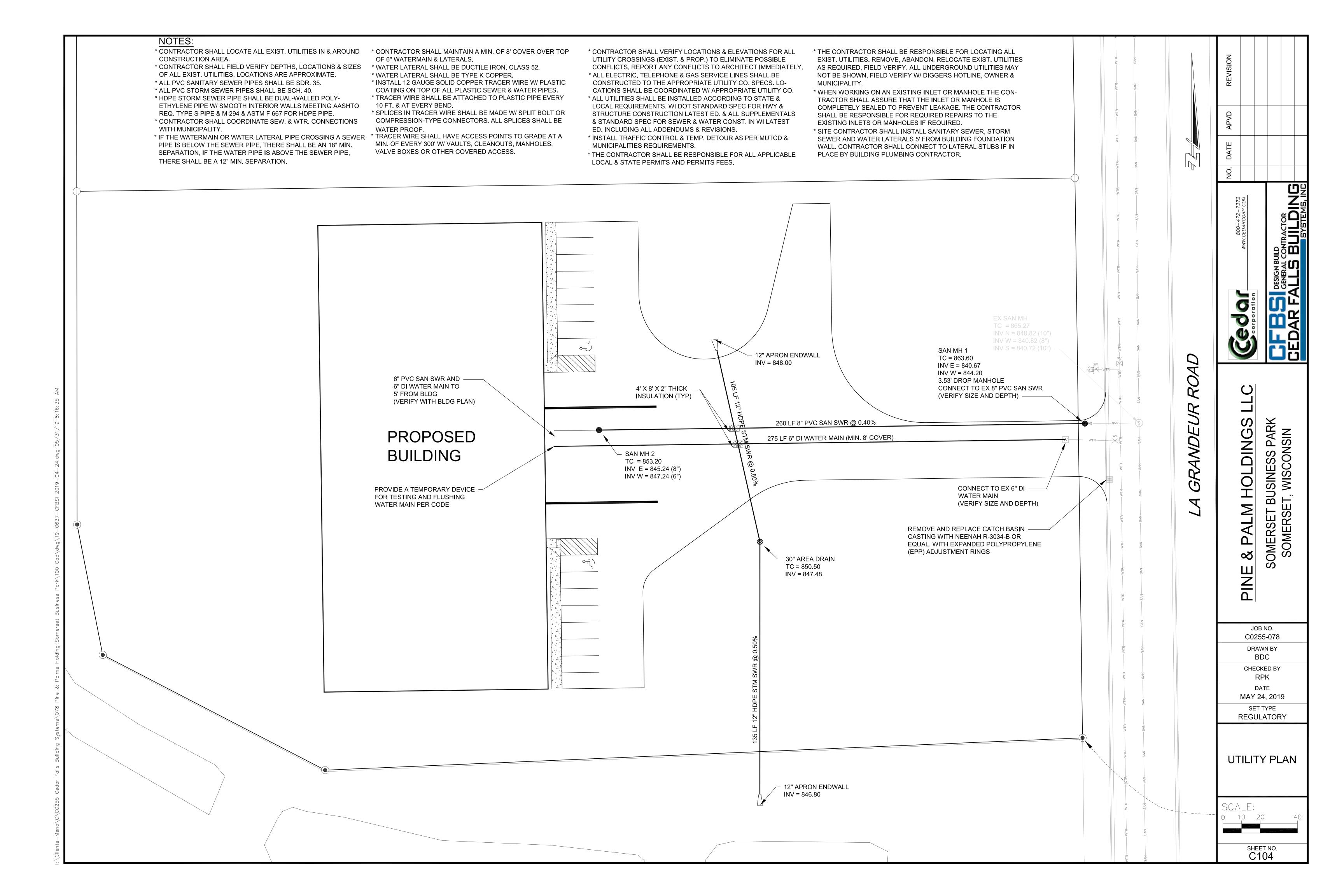
PROJECT PRO











* PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL MAT,

DIRECTIONS
OF A POTENTIAL
FLOW

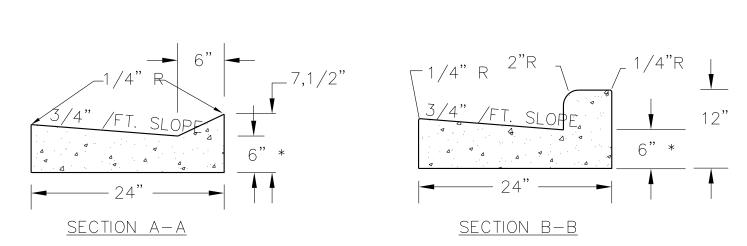
INCLUDING GRADING, TOPSOIL, SEED & FERTILIZER. * BEGIN AT TOP OF SLOPE, BY ANCHORING MAT IN TRENCH, INSTALL STAPLES 12" APART, SEE DETAIL.

* ROLL MAT DOWN SLOPE AS SHOWN. FASTEN MAT TO SOIL SURFACE W/ STAPLES. STAPLE PATTERN GUIDE BY MFR.

* OVERLAP MAT AS PER MFRS. SPEC. * NORTH AMERICAN GREEN, USA 1-800-772-2040, www.nagreen.com.

EROSION CONTROL MAT DETAIL

NO SCALE



* THE BOTTOM OF THE CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE COARSE. PROVIDING A 6" MIN. DEPTH GUTTER THICKNESS IS MAINTAINED.

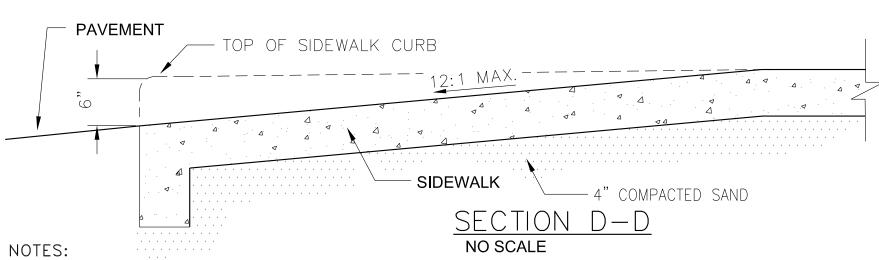
* INSTALL CURB & GUTTER ON 6" DEPTH OF COMPACTED AGGREGATE BASE. CURB & GUTTER DETAIL

- 2" HMA 5 LT 58-28 S SURFACE COURSE 2" HMA 4 LT 58-28 S BINDER COURSE - 8" BASE AGGREGATE DENSE, 1-1/4", IN PLACE ─ 12" GRANULAR SUBGRADE SAS GEOTEXTILE FABRIC COMPACTED SUBGRADE

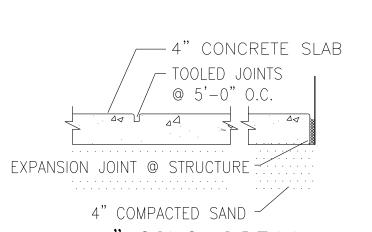
ASPHALT TYPICAL SECTION

NOTES: ASPHALT, BASE COURSE & COMPACTION SHALL BE SUPPLIED & INSTALLED AS PER WI DOT STANDARD SPEC. FOR ROAD & STRUCTURE CONSTRUCTION. LATEST ED.

SIDEWALK SIDEWALK SIDEWALK AREA 4 AREA 4 1:10 MAX.₄—— -_DETECTABLE FLARED SIDE WARNING FIELD SLOPE, SIDEWALK -TAPER CURB HEIGHT 6" TO 0" HANDICAP RAMP NO SCALE



* 2'x4' DETECTABLE WARNING FIELD SHALL BE A METAL PANEL #844-2061, CHROME YELLOW MED, DCC-1003 DEGUSSA, MFR. MetaDome, LLC, 2136 E. DAYTON ST., MADISON, WI 53704, 608-249-8644, (www.metadomellc.com) OR APPROVED EQUAL. INSTALL AS PER MANUFACTURES SPECS. * THE SURFACE TEXTURE OF THE RAMP (EXCLUDING THE TRUNCATED DOME PANEL) SHALL BE A COARSE BROOMED FINISH, TRANSVERSE TO THE SLOPE OF THE RAMP.



4" CONC. SIDEWALK NO SCALE NOTE: USE 1/2" FELT JOINT WHERE CONC. MEETS BUILDING.

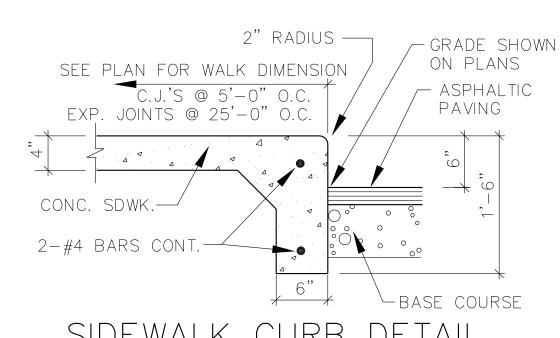
-6" CONCRETE SLAB TOOLED JOINTS @ 10'-0" O.C. EXPANSION JOINT @ STRUCTURE : 6" COMPACTED CRUSHED AGGREGATE BASE

6" CONC. PAVEMENT NOTE: NO SCALE * 6" CONC. SHALL HAVE 10"x10"-W2.9x W2.9 OR 6"x6"-W2.9xW2.9 WIRE MESH

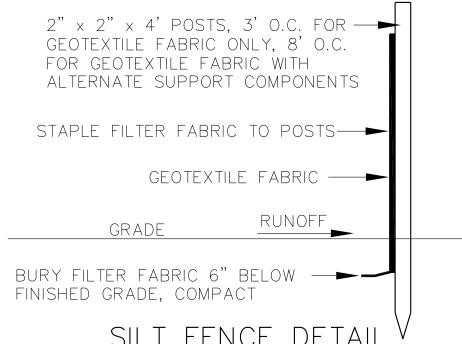
MAINTAIN 3" COVER OVER MESH.

-BOLT SIGN W/ .0375"DIA. CADMIUM PLATED BOLTS, NUTS, & WASHERS VAN ACCESSIBLE SIGN WHERE APPLICABLE, ONE MIN. -2" I.D. 2.3/8" O.D. X 9.5" SIGN POLE, GALV. STEEL -SIDEWALK, ASPHALT PAVING OR GRASS COMPACTED SAND -COMPACTED SOIL OR USE CONC. IF FINISHED GRADE IS GRASS -UNDISTURBED SOIL ACCESSIBLE PARKING SIGN

NO SCALE NOTE: SIGN SHALL COMPLY W/ CURRENT STATE & ADA GUIDLINES.

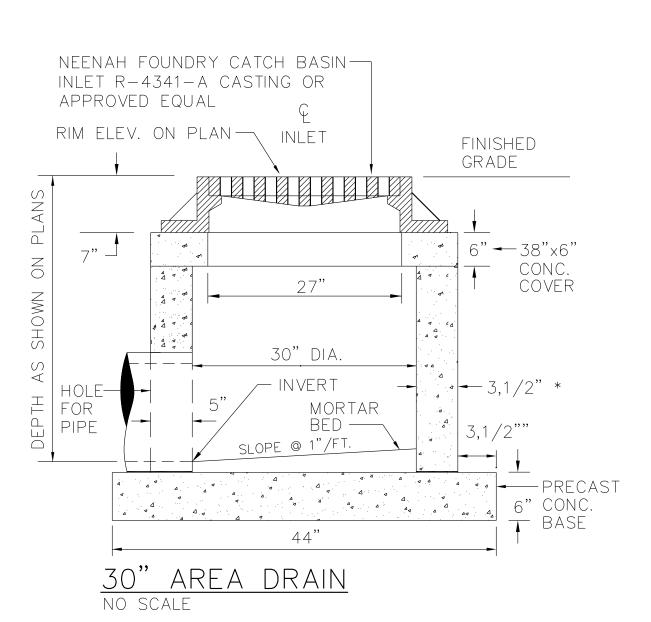


SIDEWALK CURB DETAIL NO SCALE



SILT FENCE DETAIL NOTES: NO SCALE

* SILT FENCE SHALL BE SUPPLIED & INSTALLED AS PER THE WI DOT STANDARD SPECIFICATIONS FOR HIGHWAY & STRUCTURE CONSTRUCTION.



* 6" MIN. THICKNESS FOR NONREINFORCED CONC.

WALL OR WHEN USING CONCRETE BLOCK

TYPE HR GEOTEXTILE FABRIC. TYPICAL PLACEMENT OF RIPRAP AT CULVERT DISCHARGE NO SCALE

WIDTH = $E+4'\pm$

RIPRAP

THICKNESS = 2'

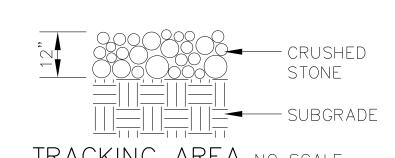
NOTE: PLACE RIPRAP ON TYPE HR

GEOTEXTILE FABRIC.

2' TYP.

NOTES: * RIPRAP & GEOTEXTILE FABRIC SHALL BE SUPPLIED & INSTALLED AS PER WI DOT STANDARD SPEC'S. FOR HIGHWAY & STRUCTURE CONSTRUCTION.

* TIE APRON ENDWALL & LAST 2 PIPE SECTIONS TOGETHER, MIN. 2 TIES PER SECTION. * INSTALL APRON ENDWALLS AT ALL PIPE OUTFALLS.

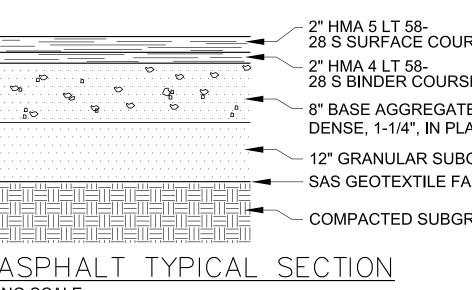


NO SCALE

TRACKING AREA NO SCALE NOTES: * SUPPLY CRUSHED STONE AS PER WI DNR STANDARD, 1057, TRACKOUT

CONTROL PRACTICES.

* REMOVE & REPLACE STONE WHEN VOIDS BECOME FILLED W/ SEDIMENT OR IF SURFACE OPENINGS BECOME PLUGGED SO THAT TRACKING AREA DOES NOT FUNCTION.



NO SCALE

SHEET NO. C105

CONTRACTOR
BUILDING
SYSTEMS, INC

ESS PARK CONSIN

r Busine et, Wisc

SOMERSE SOMERSE

DINGS

Z

JOB NO.

C0255-078

DRAWN BY

BDC

CHECKED BY

RPK

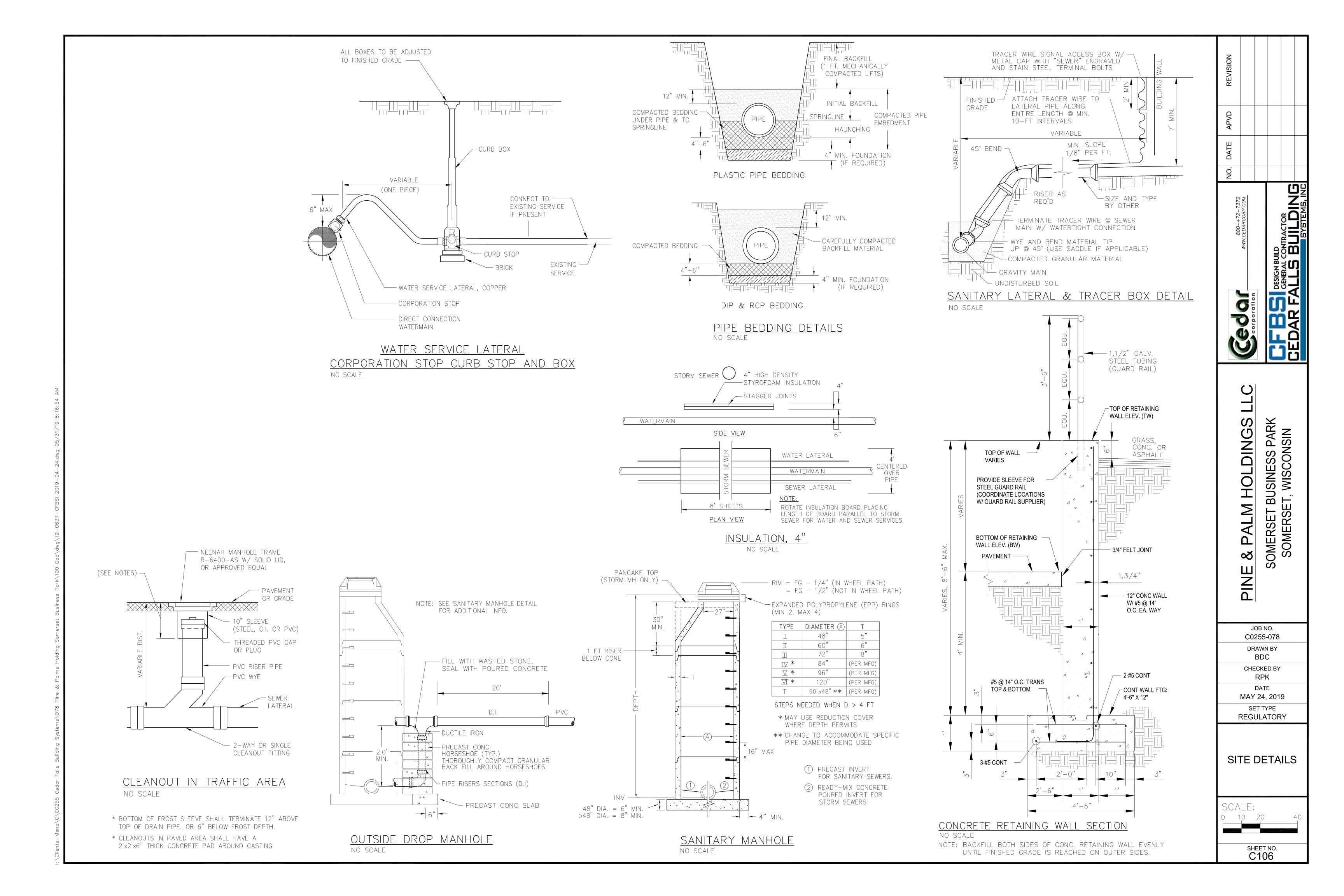
DATE

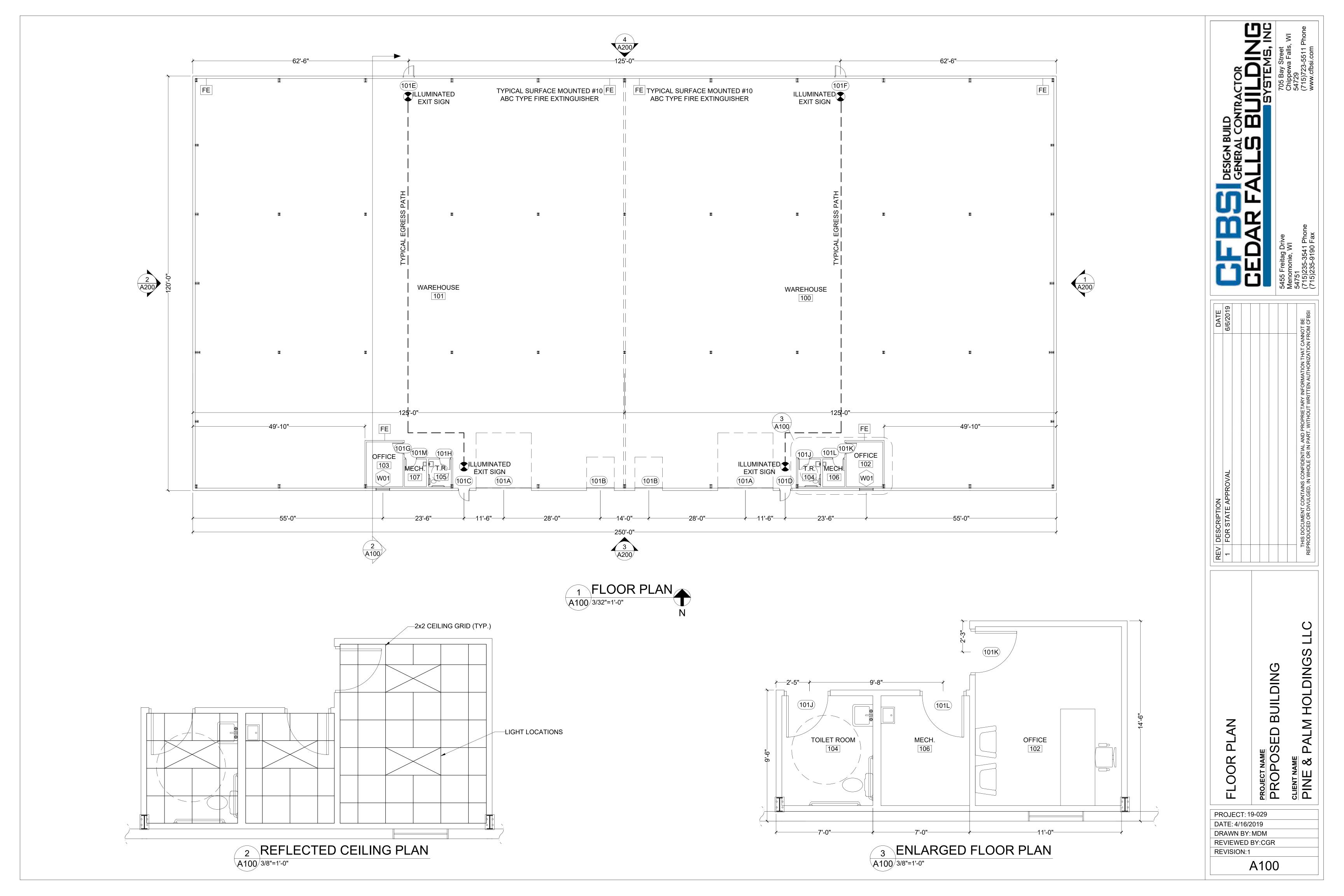
MAY 24, 2019

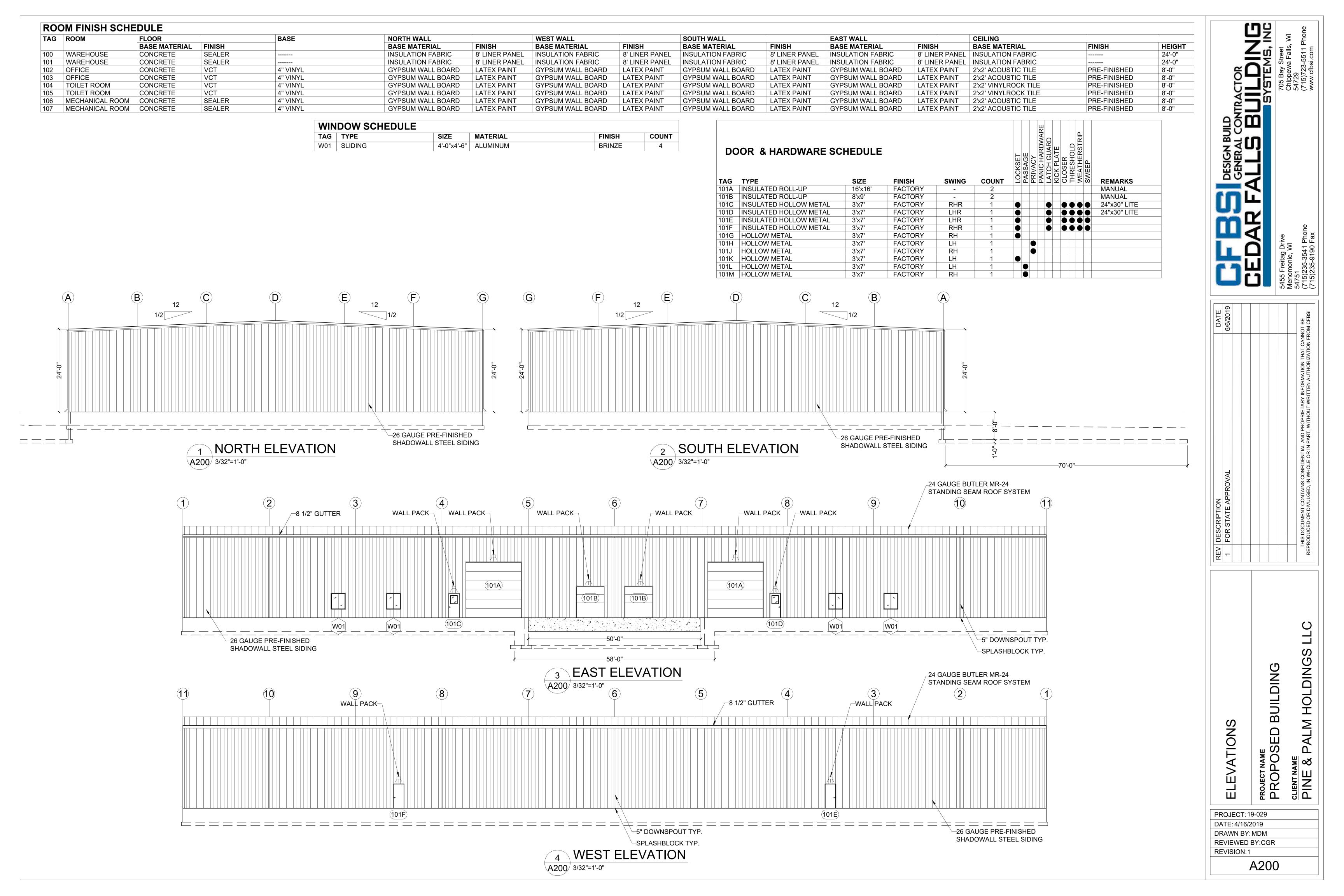
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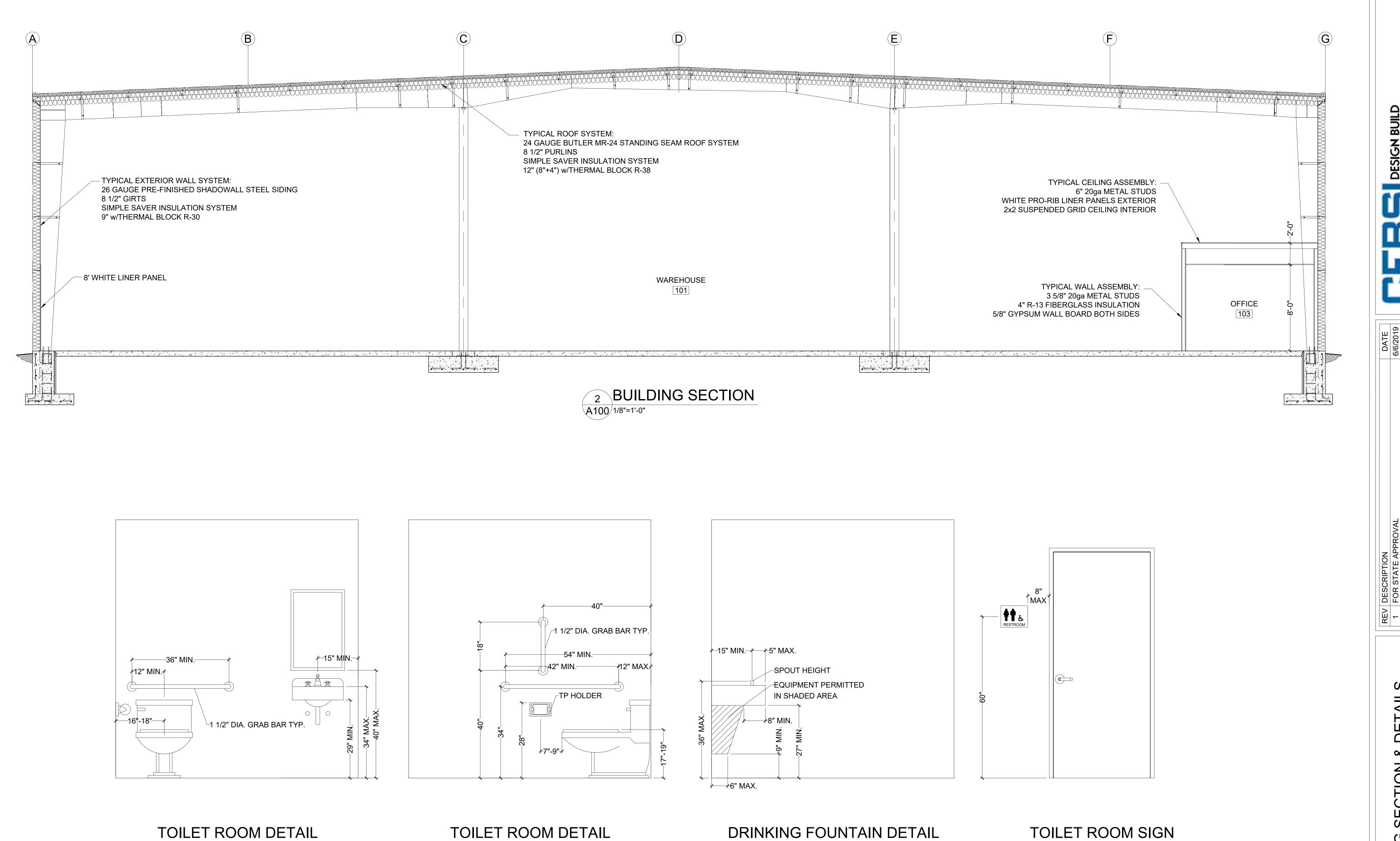
REGULATORY

SITE DETAILS









3/4"=1'-0"

3/4"=1'-0"

3/4"=1'-0"

TON

E APPROVAL

E APPROVAL

E CONTRACT

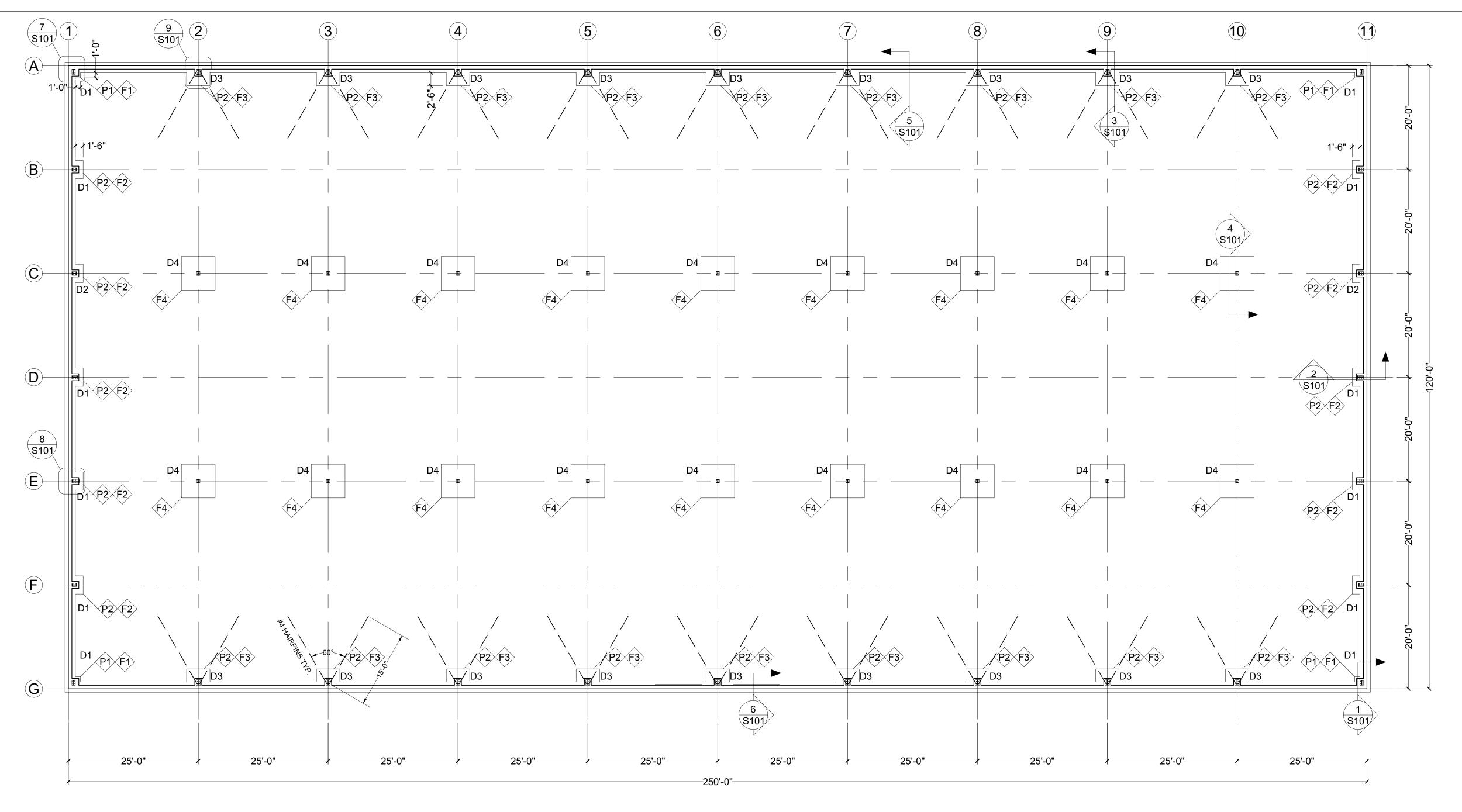
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BUILDING SECTION & DETAILS
PROJECT NAME

PROJECT NAME
PROPOSED BUILDING
CLIENT NAME
PINE & PALM HOLDINGS LLC

PROJECT: 19-029
DATE: 4/16/2019
DRAWN BY: MDM
REVIEWED BY: CGR
REVISION: 1

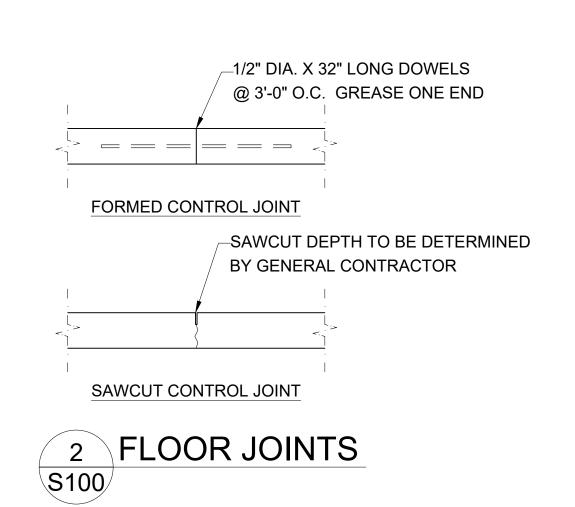
A300

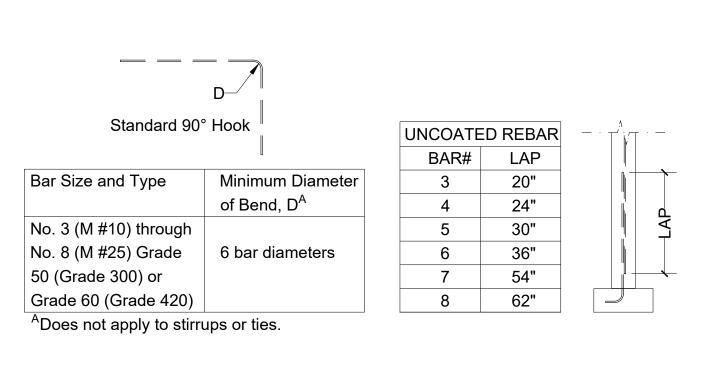




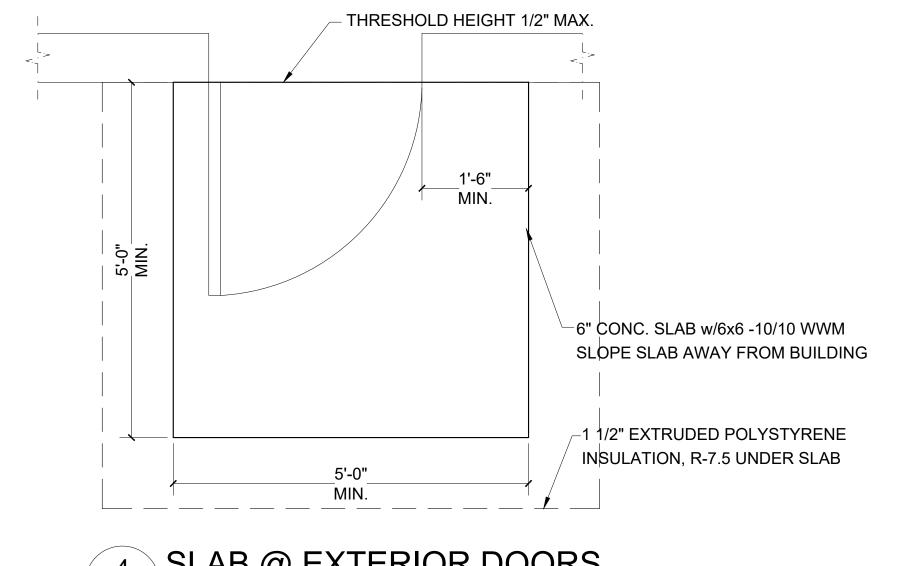
FOOTING SCHEDULE			
MARK	SIZE & REINFORCING		
F1	3'-0"x3'-0"x1'-0" DEEP w/(4) #4 EACH WAY BOTTOM		
F2	3'-6"x3'-6"x1'-0" DEEP w/(4) #4 EACH WAY BOTTOM		
F3	4'-6"x4'-6"x1'-0" DEEP w/(5) #4 EACH WAY BOTTOM		
F4	6'-6"x6'-6"x1'-6" DEEP w/(7) #5 EACH WAY BOTTOM		

PIER SCHEDULE				
MARK	SIZE	REINFORCING		
21	16"x16" C.I.P.	(4) #6 VERT. & #4 TIES @ 12" O.C.		
2	16"x16" C.I.P.	(4) #6 VERT. & #4 TIES @ 12" O.C.		





3	ACI HOOKS & LAP SCHEDULE
S100/	



4 SLAB @ EXTERIOR DOORS \$100 3/4"=1'-0" PROJECT: 19-029

DATE: 4/16/2019

DRAWN BY: MDM

REVIEWED BY: CGR

REVISION: 1

IDENTIAL AND PROPRIETARY INFORMATION THAT CANNOT BE ILE OR IN PART, WITHOUT WRITTEN AUTHORIZATION FROM CFI

HOLDINGS LLC

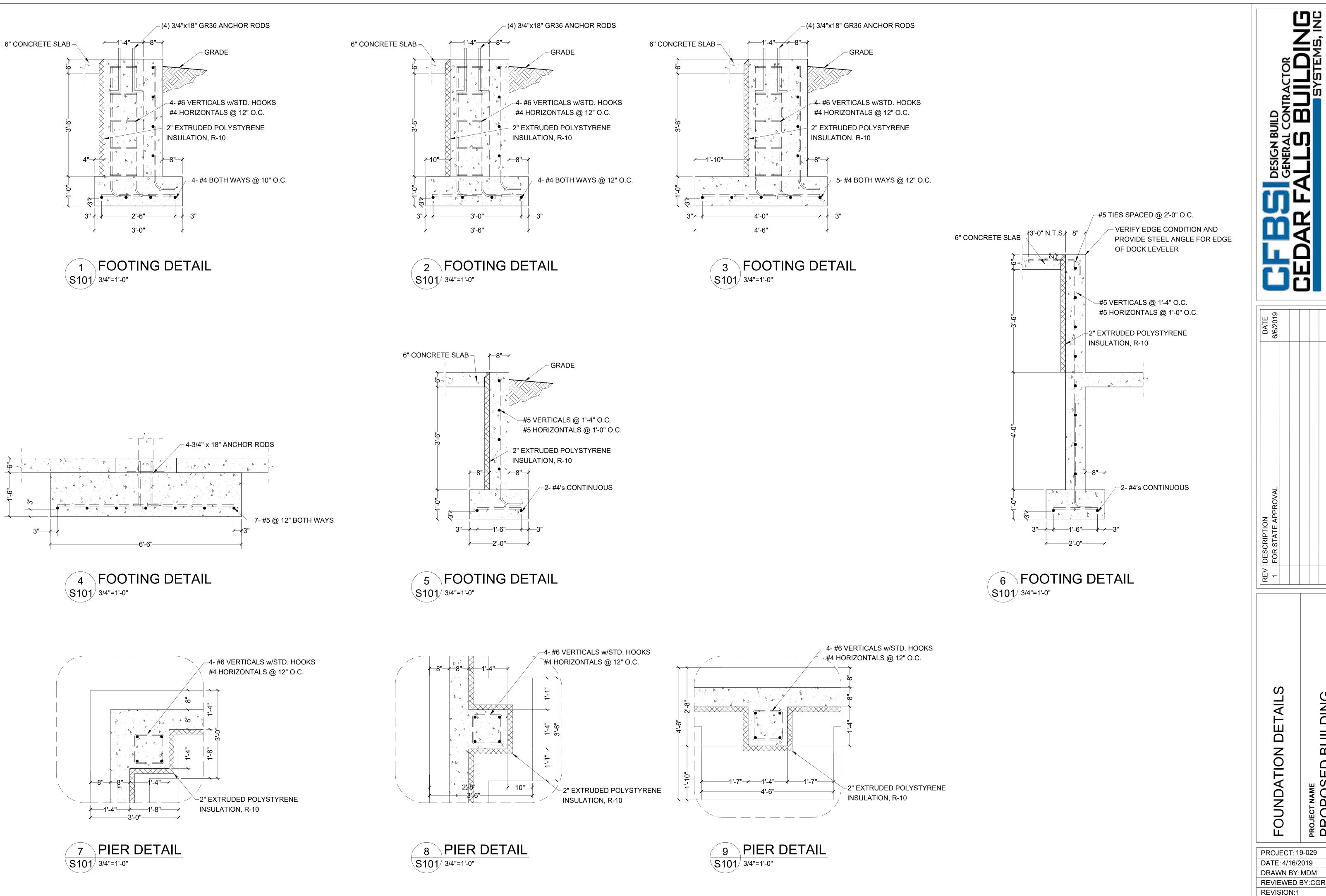
CLIENT NAME
PINE &

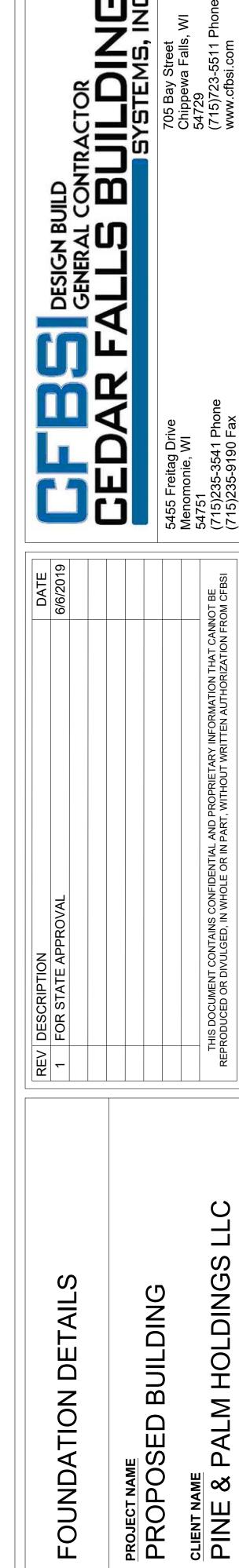
BUILDING

PROJECT NAME PROPOSED

A

FOUNDATION





S101