ARCHITECTURE ENGINEERING INTERIOR DESIGN PROJECT MANAGEMENT AA 003420 CA 8660 604 COURTLAND STREET SUITE 100 ORLANDO, FLORIDA 32804 PH 407.645.5008 FX 407.629.9124 HEARTLAND DENTAL SUNSET DR. & TENNY AVE. STUART ANDERSON, P.E. WI. REG. #44904-6 WAUKESHA, WI 53189 SHEET INDEX VICINITY MAP LEGAL DESCRIPTION REVISION ISSUE LOG REV # ISSUE DATE DESCRIPTION AFFECTED SHEETS REMARKS SHT. NO. DESCRIPTION 1 5-18-18 CLIENT REVISIONS C0, C1, C2, C3, C3.1 ADDED SECOND BUILDING COVER SHEET AS DESCRIBED IN CHICAGO TITLE INSURANCE COMPANY — FIDELITY NATIONAL TITLE INSURANCE COMPANY ORDER NUMBER CO—7016 NCS—MI—FILE NO. 17—111319 WITH AN EFFECTIVE DATE OF NOVEMBER 21, 2017 — REVISION A. CS CIVIL DRAWINGS GENERAL NOTES CØ LOT 3 OF CERTIFIED SURVEY MAP NO. 11606, RECORDED AUGUST 23, 2017 IN BOOK 116 OF CERTIFIED SURVEY MAPS ON PAGES 94-97, AS DOCUMENT NO. 4295767, BEING A DIVISION OF LOTS 2 AND 3 IN CERTIFIED SURVEY MAP NO. 11263, BEING A DIVISION OF PART OF THE NORTHEAST 1/4 AND SOUTHEAST 1/4 OF THE SITE DIMENSION PLAN C1 SITE UTILITY PLAN C2 C3 GRADING AND DRAINAGE PLAN NORTHWEST 1/4 OF SECTION 14, TOWNSHIP 6 NORTH, RANGE 19 EAST, IN THE CITY OF WAUKESHA, COUNTY OF WAUKESHA, STATE OF STORMWATER POLLUTION PREVENTION CONTROL C3.1 C4 C4.1 TAX KEY NO: WAKC 1350.256 (LOT 3) AND PART OF WAKC 1350.255 (LOT 2) ADDRESS: SITUATED ON E. SUNSET DRIVE SITE LIGHTING PLAN SL1 LANDSCAPE PLAN LANDSCAPE DETAILS L2 NO DATE REMARKS IRRIGATION PLANS L3 REVISIONS IRRIGATION DETAILS SURVEY NORTH LOCATION MAP OWNER & CONSULTANTS MEIJER STORES LP 2929 WALKER AV NW GRAND RAPIDS, MI 49544 ARCHITECT 604 COURTLAND ST, SUITE 100 ORLANDO, FL 32804 SUNSET DR. & TENNY AVE. CONTACT: JAY SCHONEMAN WAUKESHA, WI 53189 CIVIL ENGINEER PROJECT NO: 2017.0582 604 COURTLAND ST, SUITE 100 DATE: 3-1-18 ORLANDO, FL 32804 CONTACT: CHRIS BLURTON

NORTH

INTERPLAN

COVER SHEET

CHECKED: CDB DRAWN: H.M

EROSION CONTROL NOTES

- ALL EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL COMPLETION OF CONSTRUCTION.
- 1. ALL EROSION AND SEDIMENT CONTROL WORK SHALL CONFORM WITH LOCAL CITY/COUNTY AND WATER MANAGEMENT DISTRICT SPECIFICATIONS. SUBJECT TO AUTHORIZED AND APPROVED VARIANCES, WAIVERS AND/OR CONDITIONAL CHANGES.
- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PLACED PRIOR TO OR AS THE FIRST STEP IN, CONSTRUCTION. SEDIMENT CONTROL PRACTICES WILL BE APPLIED AS A PERIMETER DEFENSE AGAINST ANY TRANSPORTATION OF SILT OFF
- 3. ALL AREAS AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN EXISTING CONDITION, UNLESS SPECIFICALLY EXEMPTED BY THE PLANS. THE COST FOR SUCH RESTORATION SHALL BE INCIDENTAL TO OTHER CONSTRUCTION AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- 4. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN THESE PLANS AND FIELD CONDITIONS PRIOR TO CONSTRUCTION.
- PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL PROVIDE TREE PROTECTION BARRIERS TO MEET THE REQUIREMENTS OF LOCAL SPECIFICATIONS.
- 6. THE CONTRACTOR SHALL SELECTIVELY CLEAR ONLY THE AREAS REQUIRED FOR CONSTRUCTION AND STABILIZE ANY POTENTIAL EROSION AREAS IMMEDIATELY FOLLOWING COMPLETION OF CONSTRUCTION.
- 7. CONTRACTOR SHALL KEEP ANY AND ALL SAND, SILT OR OTHER DEBRIS FROM MOVING OFF-SITE. USE AND MAINTAIN SILT FENCE JUST INSIDE OF PROPERTY
- 8. CONTRACTOR SHALL BLOCK INTRUSION OF SAND, SILT OR OTHER DEBRIS INTO ANY DRAINAGE OR SANITARY SEWER STRUCTURE OR PIPING ON OR ADJACENT TO SITE.
- 9. ALL CLEARED AREAS FOR IMPROVEMENT AND/OR CONSTRUCTION SHALL BE WATERED TO PREVENT WIND EROSION.
- 10. FOR ADDITIONAL INFORMATION AND DETAILS, SEE WI.D.O.T. INDEX NO. '8e'. 11. UNLESS SPECIFIED. SILT FENCES MAY BE USED IN LIEU OF HAY BARRIERS.
- 12. ADDITIONAL POSTS AND RAILS MAY BE NECESSARY TO SECURE AND SUPPORT
- 13. ADDITIONAL BARRIER LENGTHS MAY BE REQUIRED BY THE COUNTY ENGINEER OR BY REGULATORY AGENCIES. 14. FILTER FABRIC MUST BE INSTALLED UNDER ALL INLET GRATES, AT ALL TIMES
- LIMEROCK BASE IS FINISHED AND PRIMED. 15. THE CONTRACTOR IS REQUIRED TO HAVE THE EROSION CONTROL PLAN POSTED IN A

WHEN INLETS ARE NOT PROTECTED BY SILT FENCE OR HAY BALES, UNTIL THE

- VISIBLE LOCATION ON THE CONSTRUCTION SITE AT ALL TIMES. 16. NON STORMWATER DISCHARGES SUCH AS FIRE HYDRANT FLUSHING, ETC SHALL BE
- DISCHARGED TO EXISTING UNDERGROUND STORMWATER FACILITY. 17. ANY POTENTIALLY HAZARDOUS CHEMICALS BROUGHT ONTO THE JOB SITE WILL BE
- 18. NO SILT SHALL BE TRACKED ONTO PUBLIC ROADWAYS. ANY SILT DEPOSITED ON PUBLIC ROADWAYS SHALL BE REMOVED BY THE END OF THE WORK DAY.

LIMITED AND KEPT IN ORIGINAL CONTAINER WITH MSDS LABEL.

DEMOLITION NOTES

- 1. PRIOR TO COMMENCEMENT OF DEMOLITION THE CONTRACTOR WILL COORDINATE HIS ACTIVITIES WITH ALL THE UTILITY COMPANIES SERVING THIS AREA. CONTRACTOR IS TO COORDINATE FULLY WITH UTILITY COMPANIES ON EXACT LOCATION OF UNDERGROUND UTILITIES PRIOR TO EXCAVATION.
- 2. THE CONTRACTOR IS TO COMPLETELY REMOVE AND DISPOSE OF ALL STRUCTURES AND BUILDINGS THAT IS SO INDICATED INCLUDING FOUNDATIONS. TIMBER AND BRUSH, EXCEPT AS OTHERWISE INDICATED; STUMPS AND ROOTS; EXISTING PAVEMENT; OTHER STRUCTURES AS SHOWN OR REASONABLY IMPLIED IN
- 3. EXCEPT IN AREAS WHERE EXISTING TREES SHALL BE PRESERVED, A MINIMUM DEPTH OF REMOVAL SHALL BE (2) FOOT BELOW SUBGRADE IN ROADWAY AREAS AND TO ORIGINAL SOILS ELSEWHERE. WHERE EXISTING BUILDINGS ARE TO BE DEMOLISHED, ALL TRACES OF FOUNDATIONS AND UNDERGROUND UTILITIES ARE TO BE REMOVED (UNLESS OTHERWISE NOTED ON PLANS). THE CONTRACTOR IS RESPONSIBLE FOR PROPER DISPOSAL OF ALL WASTE MATERIAL.
- 4. WHERE PAVING OR STRUCTURES ARE TO BE REMOVED WHICH ABUT OR ARE A PART OF CONNECTED FACILITIES (THAT ARE OFF-SITE). RESTORATION OF ANY DAMAGE THAT MIGHT RESULT FROM DEMOLITION IS TO BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN EXISTING UNLESS SPECIFICALLY EXEMPTED BY THE PLANS. THE COST FOR SUCH RESTORATION SHALL BE INCIDENTAL TO OTHER CONSTRUCTION AND NO EXTRA COMPENSATION WILL BE
- 5. THE LOCATION OF ALL EXISTING UTILITIES, STORM DRAINAGE AND TREES SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM AVAILABLE INFORMATION AND IS GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE OWNER OR ENGINEER ASSUMES NO RESPONSIBILITY FOR ACCURACY. PRIOR TO THE START OF DEMOLITION THE CONTRACTOR SHALL VISIT THE SITE AND DETERMINE THE EXISTANCE & LOCATION OF ALL STRUCTURES, UTILITIES & TREES SHOWN OR

NOT ON THE PLANS, WHICH WOULD NEED TO BE REMOVED OR PRESERVED.

- 6. THE CONTRACTOR IS TO COORDINATE THE RELOCATION OR REMOVAL OF ALL OVERHEAD/UNDERGROUND UTILITIES, UTILITY POLES, LIGHTS AND LINES IN THE RIGHT-OF-WAY AND ON THE PROPERTY WITH THE APPROPRIATE SERVICE
- 7. THE CONTRACTOR SHALL REFERENCE AND RESTORE PROPERTY CORNERS AND LAND MARKERS DISTURBED DURING CONSTRUCTION. (UNDER THE DIRECTION OF A WISCONSIN REGISTERED LAND SURVEYOR).

UTILITY SEPARATION NOTES

- (1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORM WATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.
- (A) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORM WATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
- (B) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.
- (C) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDÉ A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN. OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL
- SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER (D) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF
- THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.
- (2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORM WATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.
- (A) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.
- (B) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORM WATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.
- (C) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE. ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS. STORM SEWERS. STORM WATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.
- (3) SEPARATION BETWEEN WATER MAINS AND SANITARY OR STORM SEWER MANHOLES. (A) NO WATER MAIN SHALL PASS THROUGH, OR COME INTO CONTACT WITH,
- ANY PART OF A SANITARY SEWER MANHOLE. (B) EFFECTIVE AUGUST 28, 2003, WATER MAINS SHALL NOT BE CONSTRUCTED OR ALTERED TO PASS THROUGH, OR COME INTO CONTACT WITH, ANY PART OF A STORM SEWER MANHOLE OR INLET STRUCTURE.
- (4) SEPARATION BETWEEN FIRE HYDRANT DRAINS AND SANITARY OR STORM SEWERS. WASTEWATER OR STORM WATER FORCE MAINS, RECLAIMED WATER PIPELINES. AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS. NEW OR RELOCATED FIRE HYDRANTS WITH UNDERGROUND DRAINS SHALL BE LOCATED SO THAT THE DRAINS ARE AT LEAST THREE FEET FROM ANY EXISTING OR PROPOSED STORM SEWER, STORM WATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.; AT LEAST THREE FEET, AND PREFERABLY TEN FEET, FROM ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER; AT LEAST SIX FEET, AND PREFERABLY TEN FEET, FROM ANY EXISTING OR PROPOSED GRAVITY— OR PRESSURE—TYPE SANITARY SEWER. WASTEWATER FORCE MAIN. OR PIPELINE CONVEYING RECLAIMED WATER NOI REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.; AND AT LEAST TEN FEET

FROM ANY EXISTING OR PROPOSED "ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM" AS DEFINED IN SECTION 381.0065(2), F.S., AND RULE 64E-6.002, F.A.C.

UTILITY NOTES

PRIOR TO COMMENCING ANY CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES. INCLUDING WITHOUT LIMITATION POTABLE WATER. RECLAIMED WATER, SANITARY SEWER, AND SERVICE UTILITIES, AT POINTS OF CONNECTION, POINTS OF CROSSING, AND/OR POTENTIAL CONFLICT. NOTIFY ENGINEER OF ANY DISCREPANCIES BETWEEN THE PLANS AND FIELD CONDITIONS.

A. GENERAL

- 1. THE LOCATIONS OF EXISTING UTILITIES, SUCH AS WATER MAINS, SEWERS, GAS LINES, ETC., SHOWN ON THE PLANS ARE BASED ON THE BEST AVAILABLE INFORMATION AND ARE SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER AND OWNER ASSUME NO LIABILITY FOR ACCURACY AND COMPLETENESS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITY COMPANIES 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION AND TO HAVE THEIR FACILITIES LOCATED IN THE FIELD PRIOR TO ANY WORK.
- 2. DUE TO GRAPHIC LIMITATIONS OF THE DRAWING SCALE, ALL STORM SEWER. DRAINAGE, WATER AND SANITARY SEWER MAINS, SERVICES, LATERALS, CONNECTIONS, AND APPURTENANCES DEPICTED HEREIN - UNLESS OTHERWISE LOCATED BY DIMENSIONS - REFLECT SCHEMATIC LOCATIONS ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FINAL LOCATIONS IN ACTUAL CONSTRUCTION AND INSTALLATION OF THE PROPOSED IMPROVEMENTS, INCLUDING ANY REQUISITE COORDINATION WITH THE RESPECTIVE GOVERNING AGENCY/UTILITY PROVIDER.
- 3. ALL WATER AND SEWER CONSTRUCTION SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE WAUKESHA, AND WILL BE SUBJECT TO THEIR INSPECTION AND ACCEPTANCE.
- 4. CONTRACTOR SHALL INSPECT PIPING AND MATERIALS BEFORE INSTALLATION TO DETECT APPARENT DEFECTS. MARK DEFECTIVE MATERIALS WITH WHITE PAINT AND PROMPTLY REMOVE FROM SITE.
- 5. LAY SEWER PIPING BEGINNING AT LOW POINT OF SYSTEM (CONNECTION TO OFF SITE SYSTEM OR PUMP STATION), TRUE TO GRADES AND ALIGNMENT INDICATED WITH UNBROKEN CONTINUITY OF INVERTS. PLACE BELL ENDS OR GROOVE ENDS OF PIPING FACING UPSTREAM.
- 6. CLEAR INTERIOR OF PIPE OF DIRT AND OTHER SUPERFLUOUS MATERIAL AS WORK PROGRESSES. MAINTAIN SWAB OR DRAG IN LINE AND PULL PAST EACH JOINT AS IT IS COMPLETED. PLACE PLUGS IN ENDS OF UNCOMPLETED CONDUIT WHENEVER WORK STOPS.
- 7. MAINTAIN 60" COVER OVER MAINS, AND 48" OVER SERVICES/LATERALS.
- 8. WHEN PROPOSED CONSTRUCTION OCCURS AT EXISTING MANHOLES, INLETS, VAULTS, AND OTHER STRUCTURES, THE CONTRACTOR SHALL MODIFY THE STRUCTURES, FRAMES, AND GRATES TO MEET THE PROPOSED GRADES UNLESS OTHERWISE DIRECTED.
- 9. INSTALL CONTINUOUS LOCATOR TAPE/WIRE, LOCATED DIRECTLY OVER POTABLE WATER MAINS AND SANITARY SEWER MAINS AT 6" TO 8" ABOVE PIPE.
- 10. WHERE APPLICABLE, UTILITY TRENCHES CROSSING PAVEMENT AREAS SHALL BE BACK FILLED WITH COMPACTED GRANULAR MATERIAL IN ACCORDANCE WITH A.A.S.H.T.O.-T-99.
- 11. CONTRACTOR SHALL PROVIDE SLEEVES FOR IRRIGATION LINES UNDER PAVEMENT. COORDINATE WITH GENERAL CONTRACTOR.
- 12. ALL TRENCHES EXCAVATED FOR THE PURPOSES OF UTILITY/STORM INSTALLATION SHALL BE KEPT DRY FOR THE DURATION OF UTILITY/STORM CONSTRUCTION. DEWATERING OF UTILITY/STORM TRENCHES MAY BE REQUIRED TO PREVENT FLOTATION OF UTILITY/STORM PIPES DURING INSTALLATION.
- 13. THE CONTRACTOR SHALL NOTIFY THE ENGINEER WHEN CONSTRUCTION IS COMPLETE FOR WATER, WASTEWATER AND STORMWATER SYSTEMS SO TIMELY CERTIFICATIONS MAY BE INITIATED. <u>SATISFACTORY BACTERIOLOGICAL TEST</u> RESULTS, PRESSURE TEST RESULTS, AND AN AS BUILT SURVEY SHALL BE SUBMITTED TO ENGINEER PRIOR TO FINAL CERTIFICATION.
- 14. SUITABLE COUPLINGS COMPLYING WITH ASTM SPECIFICATIONS ARE REQUIRED FOR JOINING DISSIMILAR MATERIALS.
- 15. DEFLECTION TESTS ARE REQUIRED FOR ALL FLEXIBLE PIPE. TESTING REQUIREMENTS: 1) NO PIPE SHALL EXCEED A DEFLECTION OF 5%; 2) USING A RIGID BALL OR MANDREL FOR THE DEFLECTION TEST WITH A DIAMETER NOT LESS THEN 95% OF THE BASE INSIDE DIAMETER OR AVERAGE INSIDE DIAMETER OF THE PIPE; 3) PERFORMING THE TEST WITHOUT MECHANICAL PULLING DEVICES.

B. MATERIALS (WATER)

- 1. SERVICE PIPE SHALL BE POLYETHYLENE (PE), DR9.
- 2. WATER MAINS SHALL BE PVC ASTM C900, DR 18 WITH INTEGRAL BELLS AND ELASTOMERIC JOINTS PER ASTM C3139 AND GASKETS PER ASTM F477.
- 3. DUCTILE IRON PIPE (D.I.P.), IF REQUIRED, SHALL CONFORM TO ANSI/AWWA A21.51/C151, CLASS 50 (MIN.) PIPE FOR ALL SIZES.
- 4. CORPORATION STOPS SHALL BE 1 1/2" BRASS, EQUIPPED WITH CONNECTIONS COMPATIBLE WITH SERVICE PIPE AND THREADED IN ACCORDANCE WITH SPECIFICATIONS IN AWWA C800. CURB STOPS SHALL BE SIZED TO MATCH THE METER SIZE AND CONFORM WITH AWWA C800 AND AWWA C901.
- 5. FITTINGS SHALL BE BRASS, CAST AND MACHINED IN ACCORDANCE WITH AWWA C800 AND AWWA C901, WITH COMPATIBLE PIPE CONNECTIONS.
- 6. SERVICE SADDLES SHALL BE USED FOR ALL SERVICE LINE TAPS. SERVICE SADDLES SHALL BE DOUBLE STRAP, ANCHORED BY A MINIMUM FOUR (4) BOLT PATTERN ON A DUCTILE IRON SADDLE BODY. FOR PVC PIPE, DOUBLE STRAPS SHALL BE CORROSION RESISTANT ALLOY STEEL, SIZED EXACTLY TO THE PIPE OUTSIDE DIAMETER. SEALING GASKETS SHALL BE BUNA-N RUBBER.
- ALL PIPE AND PIPE FITTINGS INSTALLED UNDER THIS PROJECT WILL BE COLOR CODED USING BLUE AS A PREDOMINANT COLOR.

C. MATERIALS (SEWER)

- 1. ALL GRAVITY SEWER PIPE AND FITTINGS SHALL BE NON-PRESSURE POLYVINYL CHLORIDE PIPE (PVC) CONFORMING TO ASTM D 3034, SDR 26, WITH PUSH-ON RUBBER GASKET JOINTS.
- 2. ALL FITTINGS AND ACCESSORIES SHALL BE MANUFACTURED OR SUPPLIED BY THE PIPE MANUFACTURER OR PRIOR-APPROVED EQUAL.
- 3. BEDDING AND INITIAL BACK FILL OVER SEWER MAINS AND SERVICES SHALL BE SAND WITH NO ROCK LARGER THAN 1" IN DIAMETER.

D. MATERIALS (STORM)

- 1. REINFORCED CONCRETE PIPE (RCP): O-RING PIPE SHALL CONFORM TO ASTM C 76 (CLASS III, UNLESS OTHERWISE SPECIFIED) AND AASHTO M 170 STANDARD SPECIFICATIONS, AND ASTM C 443 STANDARD SPECIFICATION FOR JOINTS FOR RCP USING RUBBER GASKETS.
- 2. ELLIPTICAL RCP SHALL CONFORM TO ASTM C 507 (CLASS III) AND AASHTO M 207 STANDARD SPECIFICATIONS.
- 3. HDPE PIPE AND FITTINGS SHALL MEET THE REQUIREMENTS OF AASHTO M-25 (3"-10"), M-294 (12" AND LARGER), TYPE S (CORRUGATED OUTSIDE - SMOOTH INSIDE, 4"-60"), AND MP7 (60" TYPE S).
- A. BELL/SPIGOT GASKET FOR HDPE PIPE SHALL BE SOIL/SILT TIGHT PER AASHTO SECTION 26 WITH RUBBER GASKET MEETING ASTM F-477.
- 4. PVC STORM SEWER PIPE (12" OR LESS) AND FITTINGS SHALL BE NON-PRESSURE POLYVINYL CHLORIDE PIPE (PVC) CONFORMING TO ASTM D 3034, SDR 26. WITH PUSH-ON RUBBER GASKET JOINTS.

GENERAL NOTES

11/05/2014 .

- I. ALL INFRASTRUCTURE AND IMPROVEMENTS SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE LOCAL JURISDICTION AND WILL BE SUBJECT TO THEIR INSPECTION AND ACCEPTANCE.
- 2. SITE LOCATION: SUNSET DR. & TENNY AVE., WAUKESHA, WI 53189
- 3. THIS SITE LIES IN FLOOD ZONE X, F.I.R.M. PANEL 55133C0326G, DATED
- 4. BOUNDARY, TOPOGRAPHIC, AND TREE SURVEY BY PINNACLE ENGINEERING GROUP, ADDRESS, 15850 W. BLUEMOUND ROAD BROOKFIELD, WI 53005.
- 5. BENCHMARK REFER TO TOPOGRAPHIC SURVEY BY PINNACLE ENGINEERING
- 6. LEGAL DESCRIPTION SHOWN HEREIN IS FURNISHED BY SURVEYOR, AND IS INCLUDED FOR PERMITTING AND APPROVAL PURPOSES, AND AS A COURTESY FOR THE CONTRACTOR. INTERPLAN LLC. ASSUMES NO LIABILITY FOR ITS ACCURACY OR COMPLETENESS.
- SITE GEOTECHNICAL INVESTIGATION PERFORMED BY ECS MIDWEST.LLC ENGINEERING. INTERPLAN LLC. ASSUMES NO RESPONSIBILITY FOR THE CORRECTNESS, ACCURACY AND COMPLETENESS OF THEIR WORK. THE CONTRACTOR SHALL OBTAIN A COPY OF THE GEOTECHNICAL ENGINEER'S REPORT FOR THIS SITE AND COMPLY WITH RECOMMENDATIONS CONTAINED THEREIN. IF ADDITIONAL SERVICES ARE REQUIRED, THE CONTRACTOR SHALL MAKE A REQUEST TO THE
- 8. CONTRACTOR SHALL PROVIDE AND INSTALL EROSION CONTROL DEVICES (SILT FENCE OR OTHER METHODS) AT LIMITS OF CONSTRUCTION AND AROUND EACH STORM INLET PRIOR TO CONSTRUCTION, AND SHALL MAINTAIN SAID EROSION CONTROL DEVICES DURING CONSTRUCTION, ALL IN CONFORMANCE WITH CURRENT LOCAL, COUNTY AND STATE CRITERIA.
- 9. THE SITE SHALL BE CLEARED AS MAY BE NOTED ON THE PLANS. OF ALL OBSTRUCTIONS AND DELETERIOUS MATERIAL SUCH AS FENCES. WALLS. FOUNDATIONS, LOGS, SHRUBS, BRUSH, WEEDS, OTHER VEGETATION, AND ACCUMULATION OF RUBBISH OF WHATEVER NATURE. OFF-SITE DISPOSAL, INCLUDING ANY HAZARDOUS MATERIAL ENCOUNTERED, SHALL BE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL RULES AND REGULATIONS.
- 10. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY INTERPLAN LLC. OF ANY DISCREPANCIES BETWEEN THE PLANS AND FIELD CONDITIONS PRIOR TO START OF CONSTRUCTION.
- 11. THE CONTRACTOR SHALL REMAIN SOLELY RESPONSIBLE FOR ANY DESIGN CHANGES WHICH HE MAY INCORPORATE INTO THE PLANS WITHOUT PRIOR WRITTEN CONSENT AND/OR APPROVAL FROM THE OWNER AND THE ENGINEER.
- 12. THE CONTRACTOR SHALL COORDINATE ALL WORK WITHIN EACH EXISTING RIGHT OF WAY WITH THE CITY OF WAUKESHA AND THE WISCONSIN DEPARTMENT OF TRANSPORTATION.
- 13. SCS SOILS: HOCHHEIM LOAM

COLLECTION/TRANSMISSION SYSTEMS.

CERTIFICATIONS CAN BE INITIATED.

GC NOTE:

- 14. STORMWATER MANAGEMENT IS PROVIDED BY EXISTING WET POND.
- 15. THE CONTRACTOR SHALL RESTORE OFF-SITE AREAS TO A CONDITION EQUAL TO OR BETTER THAN THE CONDITION EXISTING PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- 16. ALL DISTURBED AREAS SHALL BE SODDED.
- 17. AT LEAST 30 DAYS PRIOR TO ANTICIPATED COMPLETION OF SITE CONSTRUCTION, THE FINAL CERTIFICATION PROCESS WILL BEGIN. THE CONTRACTOR SHALL PROVIDE DOCUMENTS AND INFORMATION, IN A TIMELY MANNER, TO ENGINEER, INCLUDING, WITHOUT LIMITATION:
- a. SURVEYED "AS-BUILTS" PER AS-BUILT SURVEY SCOPE IN SPEC MANUAL. b. COMPACTION AND DENSITY TEST REPORTS, AND c. Pressure testing and bacteriological testing results, as REQUIRED, FOR WATER DISTRIBUTION AND/OR WASTEWATER
- THE CONTRACTOR SHALL HAVE TWO (2) SETS OF AS-BUILT PLANS, SIGNED AND SEALED BY SURVEYOR OF RECORD, ON SITE THE DAY OF THE CIVIL ENGINEERING FINAL PUNCH LIST INSPECTION. THE GENERAL CONTRACTOR IS TO GIVE THE TWO AS-BUILT PLANS TO THE REPRESENTATIVE FROM INTERPLAN COMPLETING THE INSPECTION. IF ANY DEFICIENCIES ARE NOTED, ONE SET OF RED-LINED AS-BUILT PLANS WILL BE GIVEN TO THE GC FOR REVISIONS TO BE MADE. REVISED AS-BUILTS WILL NEED TO BE FORWARDED TO INTERPLAN BEFORE ANY
- 18. ALL TRAFFIC CONTROL DEVICES, EQUIPMENT AND INSTALLATION SHALL MEET THE REQUIREMENTS OF THE LOCAL JURISDICTION AND/OR WISCONSIN DEPARTMENT OF TRANSPORTATION.
- 19. PARKING STALLS SHALL CONFORM WITH LOCAL CODE. ACCESSIBLE PARKING SPACES AND ACCESS ROUTES SHALL FURTHER CONFORM WITH CURRENT ADA
- 20. HANDICAP PAVEMENT MARKINGS AND SIGNAGE SHALL CONFORM WITH CURRENT ADA REQUIREMENTS AND LOCAL ORDINANCE.
- 21. LANDSCAPE SHALL BE TRIMMED TO ENSURE SIGHT VISIBILITY OF TRAFFIC CONTROL DEVICES.
- 22. ALL PAVEMENT IS DIMENSIONED TO FACE OF CURB.
- 23. ALL BUILDING DIMENSIONS AND TIES ARE TO OUTSIDE FACE. SEE ARCHITECTURAL PLANS.
- 24. ALL CURB RETURN RADII ARE 5' UNLESS NOTED.
- 25. BUILDING AND SITE IMPROVEMENTS ARE PARALLEL AND PERPENDICULAR TO TENNY AVENUE PROPERTY LINE.

A COPY OF THIS SHEET CO SHALL BE PROVIDED

TO ALL BIDDERS AND SUB-CONTRACTORS.

49,006 SF 1,13 AC <u>PROPOSED</u> PAVEMENT/SIDEWALKS 29.779 SF 61%) IMPERVIOUS \ H.D BUILDING 4,280 SF 9 % > 77% 3,720 SF (SHELL BUILDING 7%) 37.777 SF TOTAL IMPERVIOUS 11,229 SF 23% OPEN SPACE (GREEN) COMMERCIAL (C-1)**ZONING** FLOOR AREA RATIO F.A.R. = 0.16BUILDING HEIGHT MAX. ALLOWED <u>PROPOSED</u> 50 FT 24 FT (1 STORY) **<** <u>PROVIDED</u> <u>REQUIRED</u> **BUILDING SETBACKS** FRONT (NORTH) 62 FT 25 FT SIDE (EAST) 0 FT 57 FT SIDE (SOUTH) 25 FT 43 FT REAR (SOUTH) 0 FT 56 FT ANDSCAPE BUFFER FRONT (NORTH) 15 FT 15 FT SIDE (EAST) 5 FT SIDE (SOUTH) 5 FT 9 FT REAR (SOUTH) 5 FT 5 FT <u>REQUIRED</u> <u>PROVIDED</u> PARKING REQUIRED 15 SPACES 52 SPACES $(1 DOCTOR \times 5) +$ $(10 \text{ EMPLOYEES } \times 1) = 15 \text{ SPACES}$ SHELL BLDG. = T.B.D PARKING PROVIDED REGULAR HANDICAP TOTAL

PROPOSED

----73.50----

E0P

----DSD-----

—ss—O—

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── C.O.

——FM——

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——UGT——

——UGE——

--□

8

C4

B-3

VACANT

BACKFLOW PREVENTION DEVICE (BFP)

LEGENDS

PROPOSED CONTOUR

EDGE OF PAVEMENT

SIDEWALK

GRADE BREAK

HIGH POINT

SPOT ELEVATION

PERCENT SLOPE

DIRECTION OF FLOW AND

STORM SEWER & INLET

YARD DRAIN INLET

DOWN SPOUT DRAINS

GREASE TRAP

FORCE MAIN

WATER SERVICE

WATER MAIN

FIRE HYDRANT

WATER METER

GATE VALVE

REDUCER

SITE LIGHTING

TRANSFORMER

DETAIL NUMBER

SHEET NUMBER

CURRENT LAND USE

ZONING

UNDERGROUND TELEPHONE

UNDERGROUND ELECTRIC

AIR CONDITIONING UNIT

PARKING SPACE TOTALS

DDCVA

CLEANOUT

SANITARY SEWER & MANHOLE

MEET EXISTING GRADE

ARCHITECTURE ENGINEERING INTERIOR DESIGN PROJECT MANAGEMENT AA 003420 CA 8660 604 COURTLAND STREET SUITE 100 ORLANDO, FLORIDA 32804 PH 407.645.5008 FX 407.629.9124

IINTERPLAN



TUART ANDERSON, P.E. WI. REG. #44904-6

> 5-18-18 CLIENT REVISIONS NO DATE REMARKS REVISIONS

> > —— D E N T A L ——

SUNSET DR. & TENNY AVE. WAUKESHA, WI 53189

PROJECT NO: 2017.0582

DATE: 3-1-18

GENERAL NOTES

CHECKED: CDB DRAWN: H.M

DISINFECTING & TESTING NOTES

WATER MAINS THAT ARE INCLUDED IN THIS PROJECT THAT WILL BE CONSTRUCTED OF POLYVINYL CHLORIDE PIPE WILL BE PRESSURE AND LEAKAGE TESTED IN ACCORDANCE WITH AWWA STANDARD C605. ALL OTHER WATER MAINS INCLUDED IN THIS PROJECT WILL BE PRESSURE AND LEAKAGE TESTED IN ACCORDANCE WITH AWWA STANDARD C600.

LEAKAGE TESTS ARE REQUIRED AS FOLLOWS: 1) THE LEAKAGE EXFILTRATION OR INFILTRATION DOES NOT EXCEED 200 GALLONS PER INCH OF PIPE DIAMETER PER MILE PER DAY FOR ANY SECTION OF THE PIPE; 2) EXFILTRATION OR INFILTRATION TESTS BE PERFORMED WITH A MINIMUM POSITIVE HEAD OF 2 FEET: 3) AIR TESTS. AS A MINIMUM. CONFORM TO THE TEST PROCEDURE DESCRIBED IN ASTM C 828 FOR CLAY PIPE, ASTM C 924 FOR CONCRETE PIPE, ASTM F-1417 FOR PLASTIC PIPE, AND FOR OTHER MATERIALS APPROPRIATE TEST PROCEDURES.

DISINFECTION OF THE WATER DISTRIBUTION SYSTEM SHALL BE PERFORMED IN ACCORDANCE WITH AWWA C651 DISINFECTING WATER MAINS. SATISFACTORY BACTERIOLOGICAL TEST RESULTS SHALL BE SUBMITTED TO ENGINEER PRIOR TO FINAL CERTIFICATION.

MAIN FROM BACKFLOW CONTAMINATION DURING FILLING, FLUSHING, AND TESTING OF THE NEW MAIN, AS SPECIFIED IN AWWA C651-92. CONTRACTOR SHALL UTILIZE A JUMPER CONNECTION DURING WATER MAIN

TESTING. ALTERNATE TYPES OF BACKFLOW PREVENTION MAY BE UTILIZED AS

APPROVED BY INSPECTION STAFF AND ENGINEER.

THE CONTRACTOR SHALL MAKE PROVISIONS TO PROTECT THE ACTIVE EXISTING

UTILITY CONTACTS

WAUKESHA WATER UTILITY DEPARTMENT ADDRESS:115 DELAFIELD ST., PO BOX 1648, WAUKESHA. WI 53187 CONTACT: NICK ELLIFSON PHONE #: 262-521-5272

CONTACT: CHRIS LANGEMAK

EMAIL: CLANGEMAK@WAUKESHA-WI.GOV

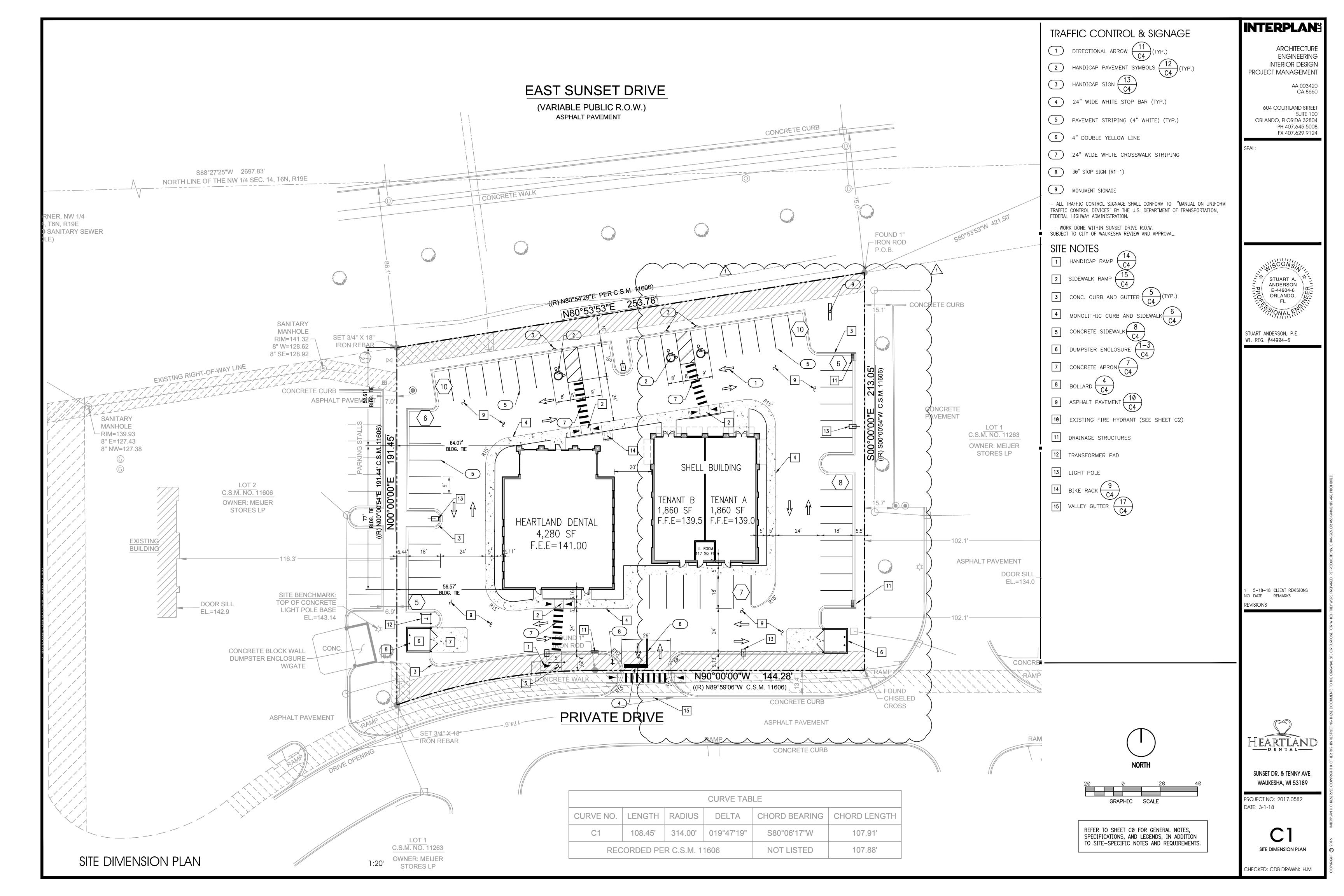
EMAIL: NELLIFSON@WAUKESHA-WATER.COM

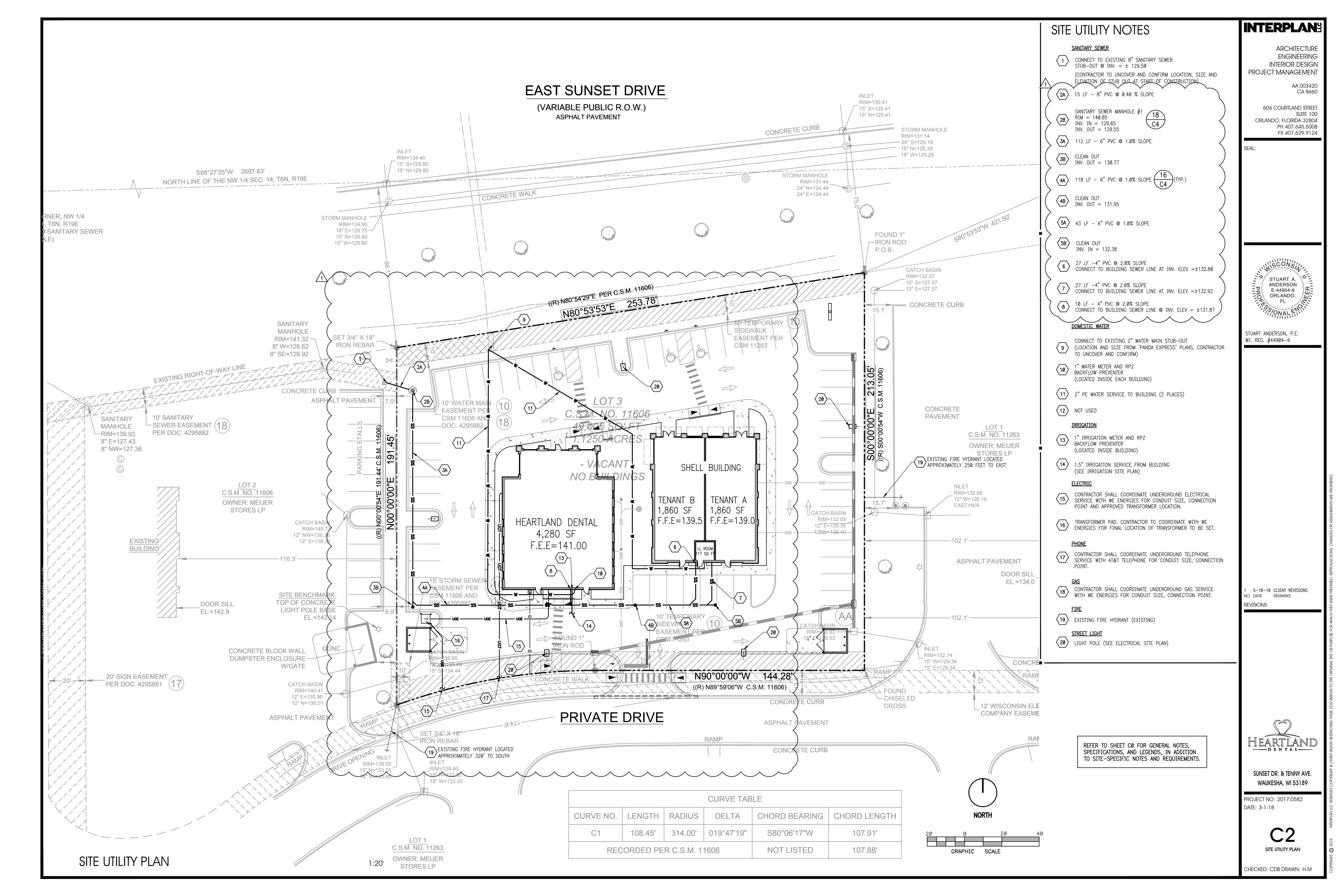
ELECTRIC WE ENERGIES 231 W. MICHIGAN ST., MILWAUKEE, WI 53203 CONTACT: KELLY FEHRMAN PHONE #: 262-574-3062

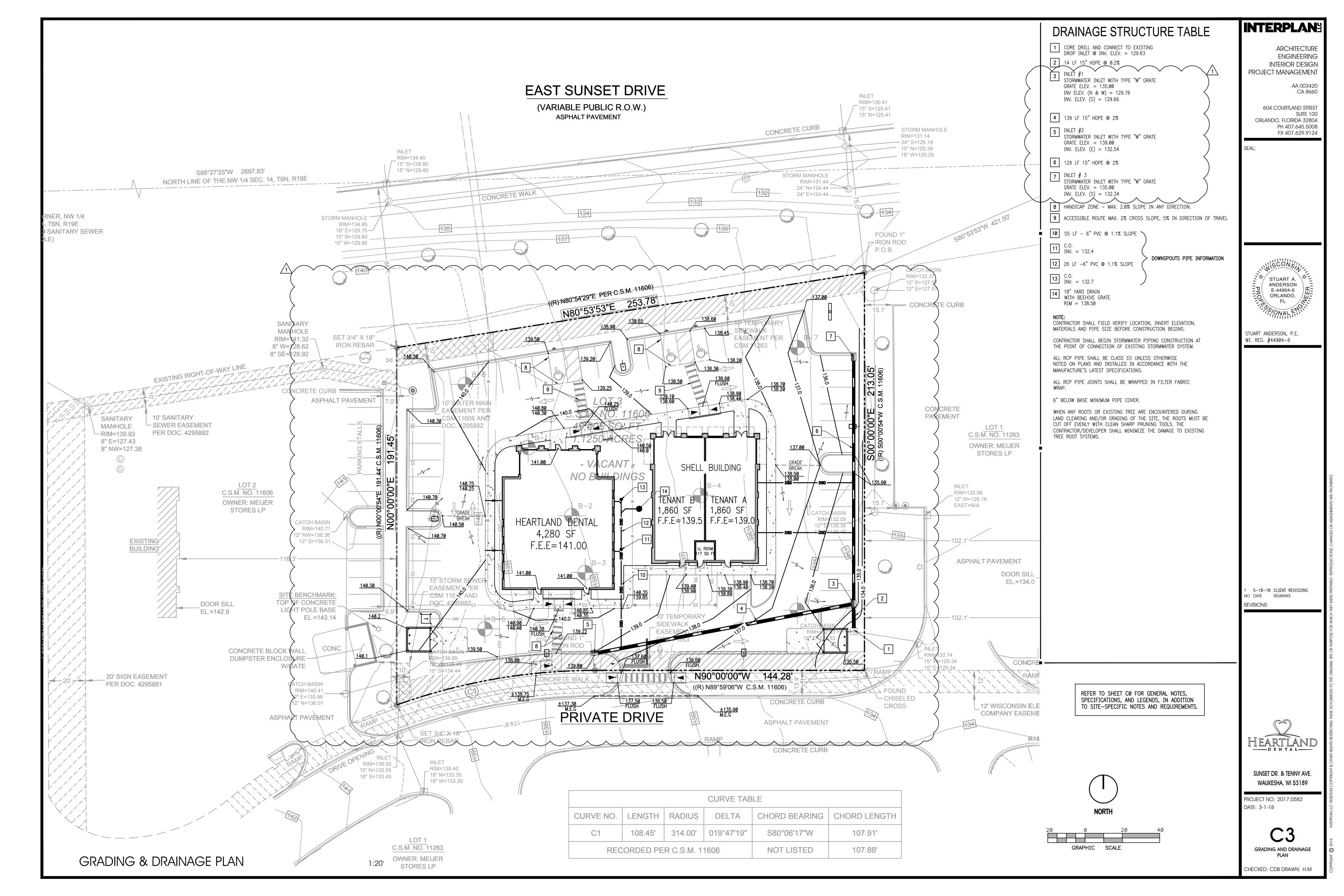
CITY OF WAUKESHA PUBLIC WORKS DEPARTMENT

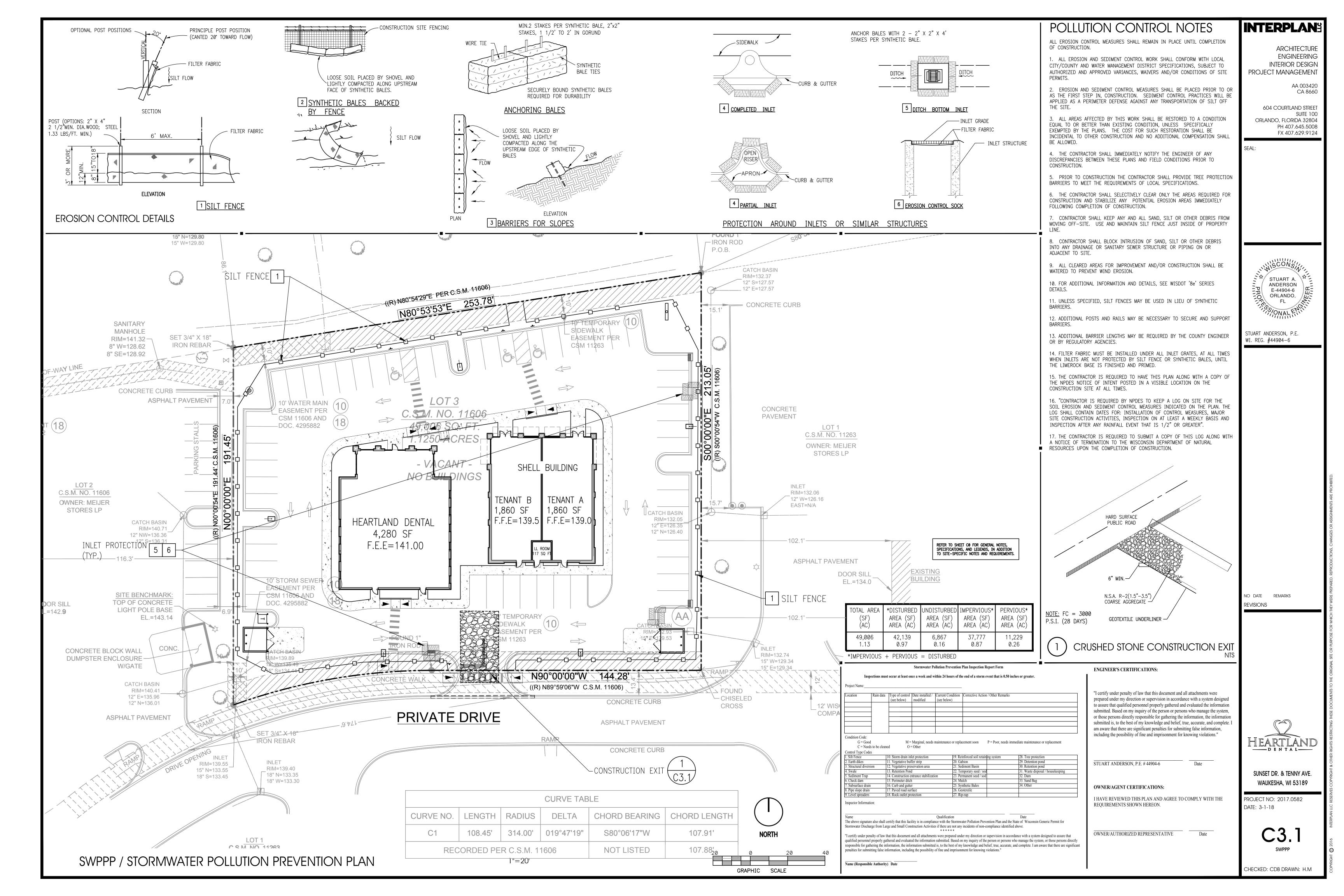
ADDRESS: 130 DELAFIELD ST., WAUKESHA, WI 53188 PHONE #:262-524-3600

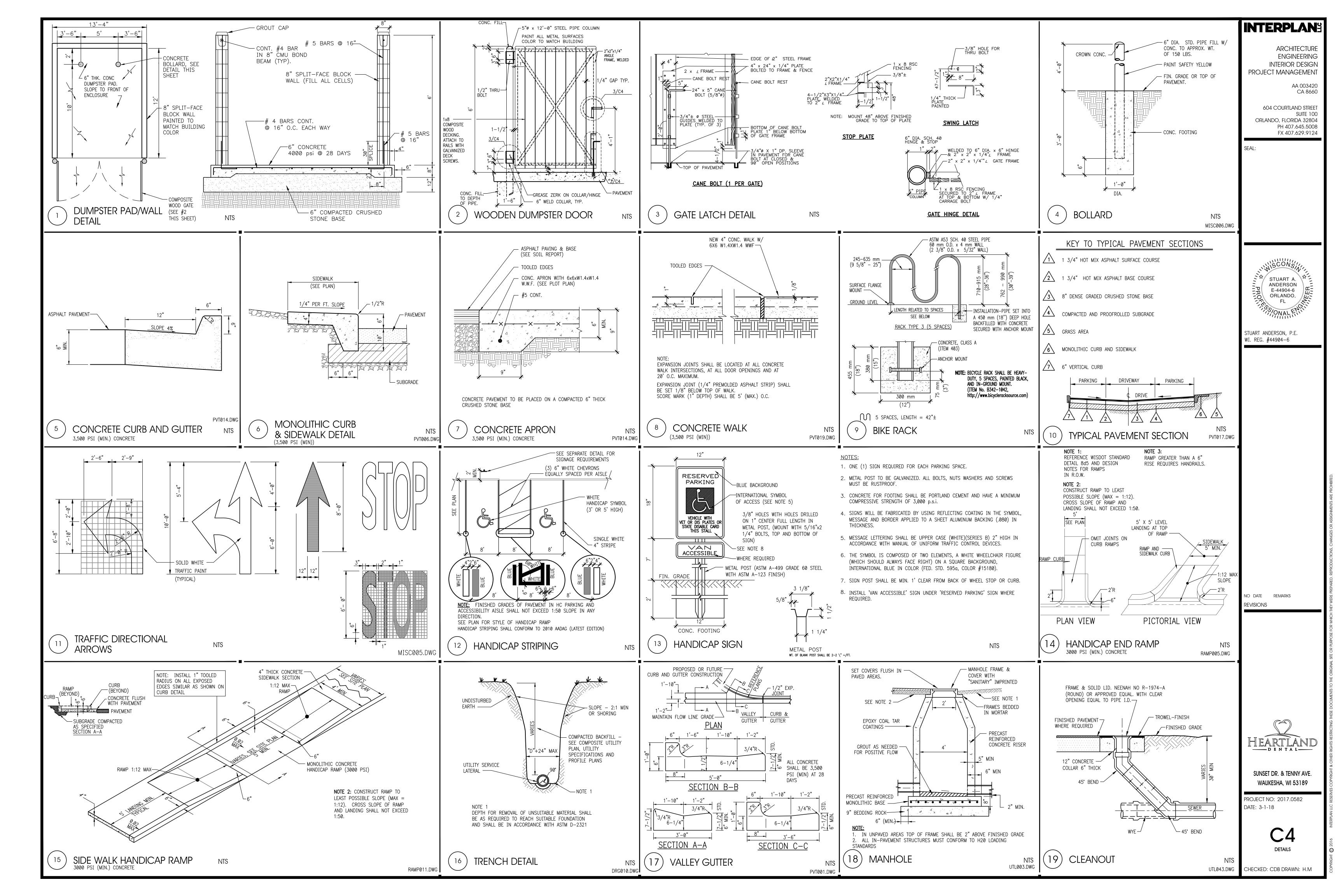
EMAIL: KELLY.FEHRMAN@WE-ENERGIES.COM

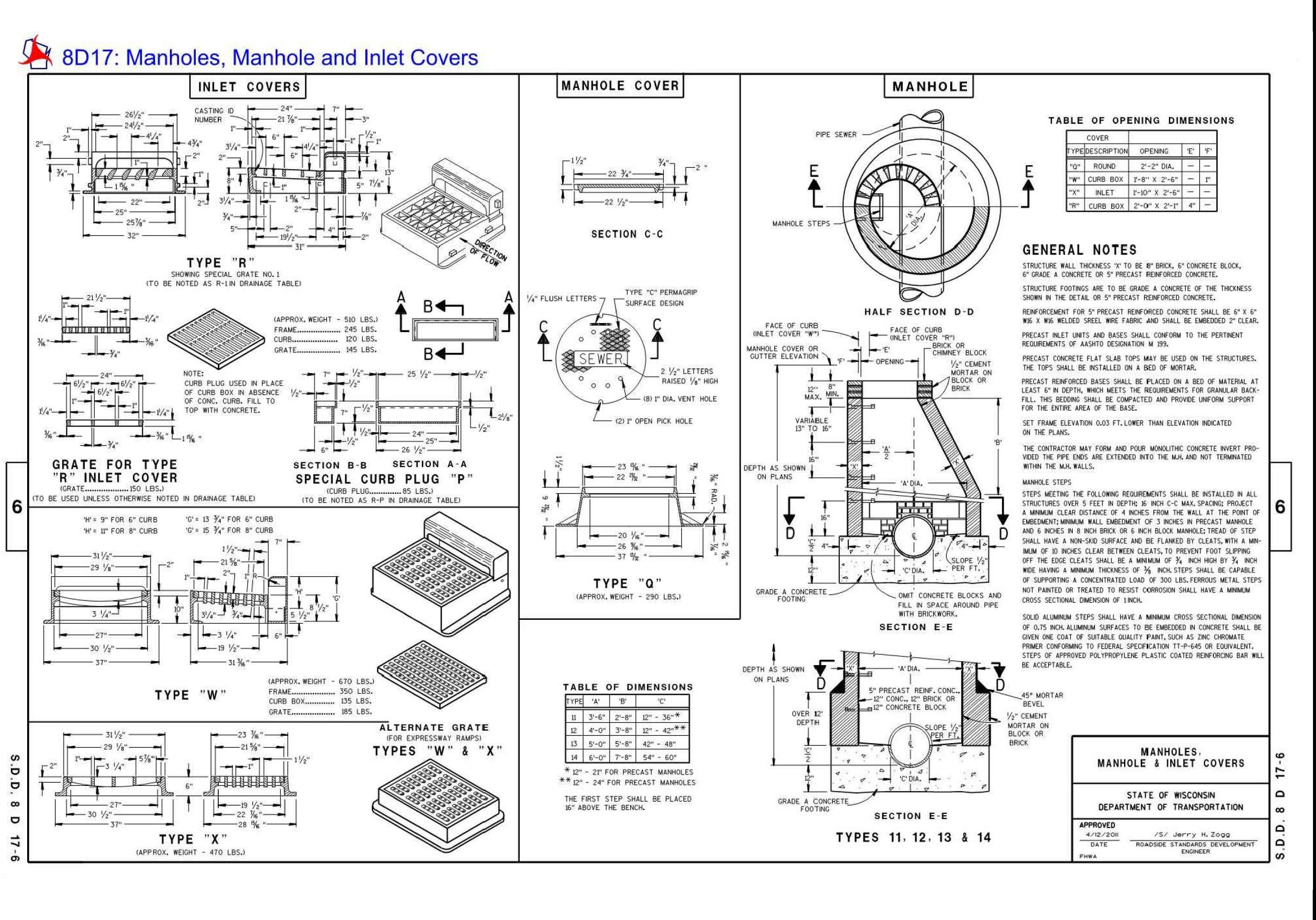












INTERPLAN

ARCHITECTURE ENGINEERING INTERIOR DESIGN PROJECT MANAGEMENT

> AA 003420 CA 8660

604 COURTLAND STREET SUITE 100 ORLANDO, FLORIDA 32804 PH 407.645.5008 FX 407.629.9124

SFAI.

STUART A.
ANDERSON
E-44904-6
ORLANDO,
FL

STUART ANDERSON, P.E. WI. REG. #44904-6

NO DATE REMARKS
REVISIONS

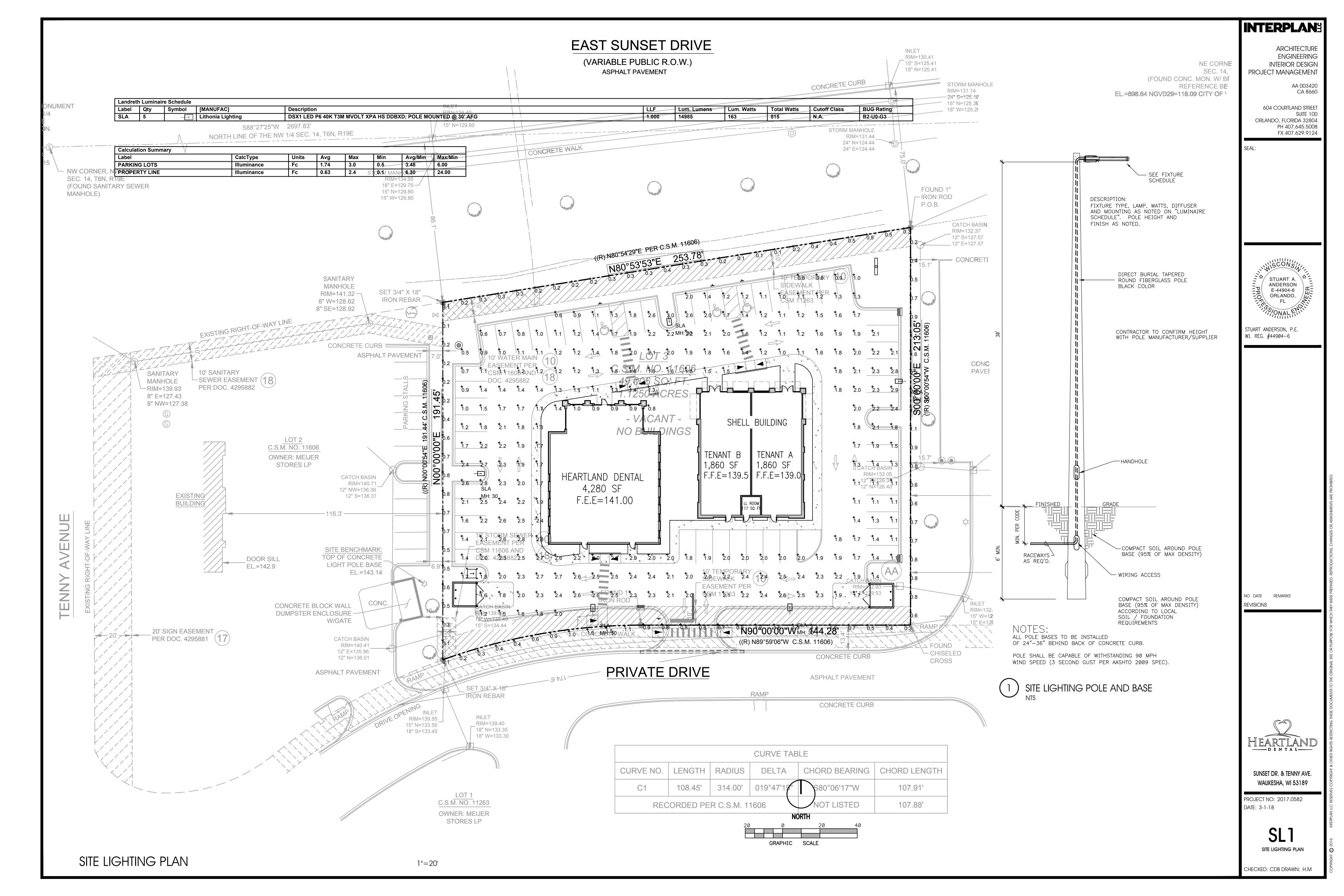
TEARTLAND

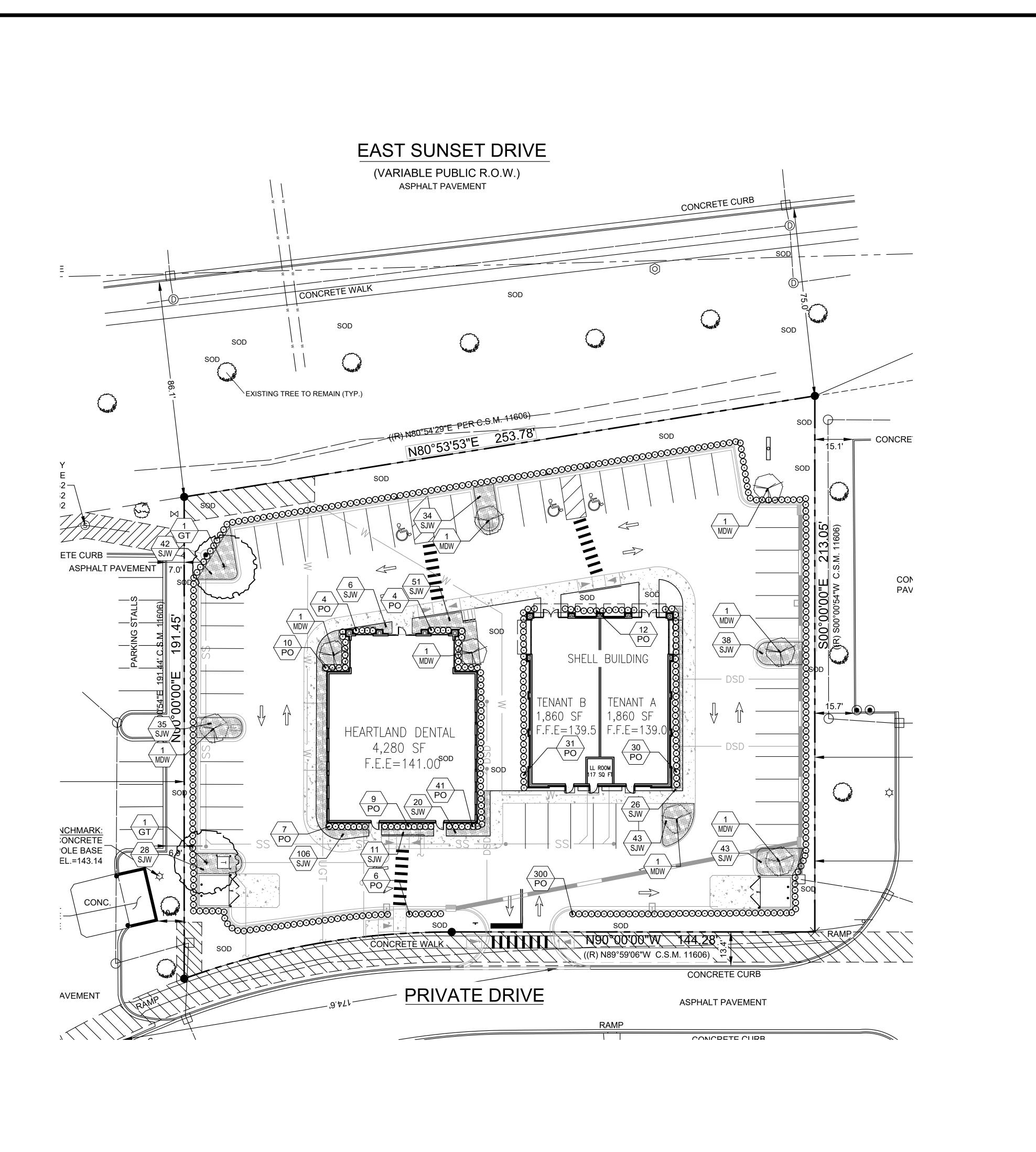
SUNSET DR. & TENNY AVE. WAUKESHA, WI 53189

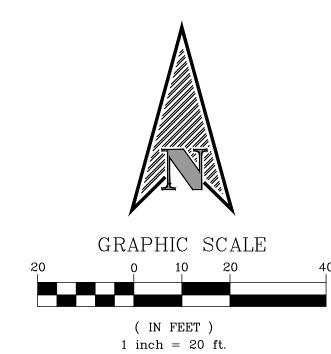
PROJECT NO: 2017.0582 DATE: 3-1-18

C4.1

CHECKED: CDB DRAWN: H.M







INTERPLAN

ARCHITECTURE ENGINEERING INTERIOR DESIGN PROJECT MANAGEMENT AA 003420

> 604 COURTLAND STREET SUITE 100 ORLANDO, FLORIDA 32804 PH 407.645.5008

FX 407.629.9124

CA 8660

SEAL:

1 05/21/18 REVISED BASE NO DATE REMARKS REVISIONS



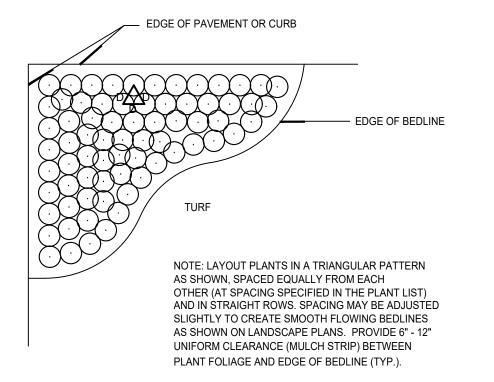
Sunset dr. & Tenny Ave. Waukesha, Wi 53189

PROJECT NO: 2017.0582 DATE: 03-23-18

L-1

LANDSCAPE PLAN

CHECKED: JB DRAWN: JB



SHRUB/GROUNDCOVER SPACING DETAIL

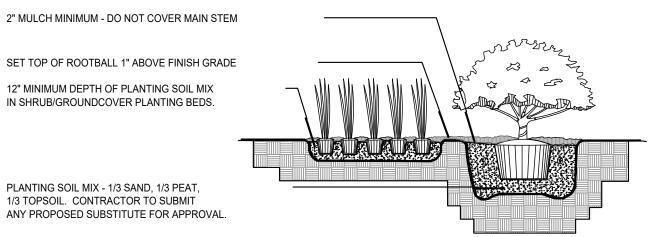
PROVIDE AGRIFORM (20-10-5) FERTILIZER TABLETS AT THE FOLLOWING RATES: 3 GAL./ 2 TABLETS: 1 GAL./1 TABLET.

PROVIDE 6" MINIMUM CLEARANCE AROUND ROOT BALL (SIDES AND BOTTOM).

2" MULCH MINIMUM - DO NOT COVER MAIN STEM

SET TOP OF ROOTBALL 1" ABOVE FINISH GRADE 12" MINIMUM DEPTH OF PLANTING SOIL MIX IN SHRUB/GROUNDCOVER PLANTING BEDS.

PLANTING SOIL MIX - 1/3 SAND, 1/3 PEAT, 1/3 TOPSOIL. CONTRACTOR TO SUBMIT



SHRUB AND GROUNDCOVER PLANTING DETAIL

NOT TO SCALE

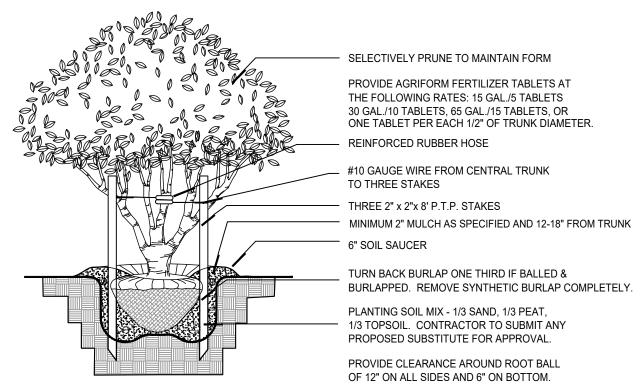
SYMBOL	QUANTITY	BOTANICAL NAME	COMMON NAME	DESCRIPTION	REMARKS
TREES		1			,
GT	2	GLEDITSIA TRIACANTHOS	COMMON HONEY LOCUST	2-1/2" DBH	SPACE AS SHOWN GUY
MDW	4	MALUS DONALS WYMAN	DONALD WYMAN CRABAPPLE	1.5" DBH	SPACE AS SHOWN GUY
SHRUBS	\				
РО _	454	PHYSOCARPUS OPULIFOLIUS	DIABOLO NINEBARK	18" HEIGHT	30" O.C.
GROUNDC	OVER				
SJW /	483	SPIREA JAPONICA WALBUMA	MAGIC CARPET SPIREA	1 GAL CAN, FULL	24" O.C.
SOD		1			1
	SEE PLANS	POA PRATENSIS	KENTUCKY BLUE GRASS	SOLID, FREE OF PESTS AND DISEASES	FIELD VERIFY QTY.
MULCH			•	•	
	SEE PLANS	MINI PINE BARK NUGGETS	MINI PINE BARK NUGGETS	FREE OF DIRT AND DEBRIS	FIELD VERIFY QTY.

SELECTIVELY PRUNE TO MAINTAIN FORM PROVIDE AGRIFORM FERTILIZER TABLETS AT THE FOLLOWING RATES: 15 GAL./5 TABLETS: 30 GAL./10 TABLETS, 65 GAL./15 TABLETS, OR ONE TABLET PER EACH 1/2" OF TRUNK DIAMETER. REINFORCED RUBBER HOSE ORANGE FLAG ABOVE TURNBUCKLE #10 GAUGE WIRE WITH GALVANIZED TURNBUCKLES AT THREE LOCATIONS MINIMUM 2" MULCH AS SPECIFIED AND 12-18" FROM TRUNK 6" SOIL SAUCER TURN BACK BURLAP ONE THIRD IF BALLED & BURLAPPED. REMOVE SYNTHETIC BURLAP COMPLETELY. 2"x4" X 2'-6" P.T.P. WOOD STAKE FLUSH WITH GROUND PLANTING SOIL MIX - 1/3 SAND, 1/3 PEAT, 1/3 TOPSOIL. CONTRACTOR TO SUBMIT ANY PROPOSED SUBSTITUTE FOR APPROVAL. PROVIDE CLEARANCE AROUND ROOT BALL OF 12" ON ALL SIDES AND 6" ON BOTTOM.

TREE PLANTING DETAIL

NOT TO SCALE

NOT TO SCALE



MULTI-TRUNK TREE PLANTING DETAIL

NOT TO SCALE

LANDSCAPE PLANTING NOTES:

- ALL PLANTS MUST BE HEALTHY, VIGOROUS MATERIAL FREE OF PESTS AND DISEASES.
- 2. ALL PLANTS SHALL BE GRADE #1, AS GRADED IN GRADES AND STANDARDS FOR NURSERY PLANTS. 3. ALL PLANTS ARE SUBJECT TO APPROVAL BY THE LANDSCAPE ARCHITECT AND OWNER BEFORE, DURING, AND AFTER INSTALLATION.
- 4. ALL SINGLE-TRUNKED TREES SHALL BE STRAIGHT TRUNKED WITH ONE CENTRAL LEADER AND HAVE A
- FULL, DENSE CROWN.
- ALL TREES SHALL BE STAKED AND GUYED AS SHOWN IN PLANTING DETAILS. ALL MULCH PLANTING AREAS SHALL BE A MINIMUM OF 2" IN DEPTH.
- ALL PLANTING AREAS SHALL HAVE A MINIMUM OF 3" TOPSOIL.
- ALL TREES SHALL BE FREE OF OPEN WOUNDS AND WOUND SCARS IN THE CLEAR TRUNK AREA.
- ANY SYNTHETIC BURLAP AND/OR WIRE BASKETS MUST BE TOTALLY REMOVED PRIOR TO INSTALLATION OF PLANT MATERIAL. IF NATURAL BURLAP IS USED, IT MAY BE TURNED DOWN 1/3 OF THE ROOTBALL.

LANDSCAPE CONTRACTOR NOTES:

- 1. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING, IN FULL, ALL LANDSCAPE PLANTING AREAS, UNTIL THE JOB IS ACCEPTED IN FULL BY THE OWNER. "IN FULL" MEANS WATERING, PEST CONTROL, MULCHING, MOWING, FERTILIZING AND RESETTING TREES THAT ARE OUT OF PLUMB.
- 2. THE LANDSCAPE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL INSTALLED PLANT MATERIAL FOR A PERIOD OF ONE CALENDAR YEAR BEGINNING ON THE DATE OF 100% COMPLETION. ANY AND ALL REQUIRED PLANT REPLACEMENTS SHALL BE MADE PROMPTLY AND AT NO ADDITIONAL COST TO THE
- 3. THE LANDSCAPE CONTRACTOR SHALL STAKE THE LOCATIONS OF ALL PLANT MATERIAL AND PLANTING BED LINES FOR REVIEW BY THE LANDSCAPE ARCHITECT AND OWNER.
- 4. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL WRITTEN PLANT QUANITIES PRIOR TO INITIATION OF THE WORK. IN THE EVENT THAT THE PLANS CONTRADICT THE PLANT LIST, THE PLANS SHALL RULE.
- 5. THE LANDSCAPE CONTRACTOR SHALL BE FAMILIAR WITH AND ACCEPT THE EXISTING SITE CONDITIONS PRIOR TO INITIATION OF THE WORK. ANY VARIATION FROM THE SPECIFIED WORK SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR.
- 6. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES, DRAINAGE STRUCTURES, CURBS, SIDEWALKS, AND ANY OTHER OBJECTS WHICH MIGHT BE DAMAGED DURING THE WORK.
- 7. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE ANY AND ALL NECESSARY REPAIRS TO DAMAGE CAUSED BY HIS WORK AT NO ADDITIONAL COST TO THE OWNER OR LANDSCAPE ARCHITECT.
- 8. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, AND FOLLOWING ALL APPLICABLE LOCAL CODES PERTAINING TO THE PROJECT DURING THE COURSE. OF HIS
- 9. CONTRACTOR TO PROVIDE IRRIGATION WITH 100% COVERAGE USING AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM WITH A RAIN SENSOR.

05/21/18 REVISED BASE NO DATE REMARKS

REVISIONS

INTERPLAN

PROJECT MANAGEMENT

604 COURTLAND STREET

PH 407.645.5008 FX 407.629.9124

ORLANDO, FLORIDA 32804

SEAL:

ARCHITECTURE ENGINEERING INTERIOR DESIGN

> AA 003420 CA 8660

SUNSET DR. & TENNY AVE. WAUKESHA, WI 53189

PROJECT NO: 2017.0582 DATE: 03-23-18

LANDSCAPE DETAIL

CHECKED: JB DRAWN: JB

Lot 3 of Certified Survey Map No. 11606, recorded August 23, 2017 in Book 116 of Certified Survey Maps on Pages 94-97, as Document No. 4295767, being a division of Lots 2 and 3 in Certified Survey Map No. 11263, being a division of part of the Northeast 1/4 and Southeast 1/4 of the Northwest 1/4 of Section 14, Township 6 North, Range 19 East, in the City of Waukesha, County of Waukesha, State of Wisconsin.

Tax Key No: WAKC 1350.256 (Lot 3) and part of WAKC 1350.255 (Lot 2)

Address: Situated on E. Sunset Drive

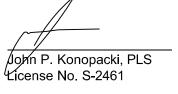
TABLE A

- Monuments placed at the corners of the boundary of the property.
- Address (as disclosed in title commitment): E. Sunset Drive.
- Flood Zone Classification: The property lies with in Zone "X" of the Flood Insurance Rate Map Community Panel No. 55133C0326G dated NOVEMBER 5, 2014. Zone "X" areas are determined to be outside the 0.2% annual chance floodplain.
- Land Area: 49,006 Square Feet (1.1250 Acres).
- Vertical Datum: City of Waukesha (City of Waukesha Vertical Datum conversion = National Geodetic Vertical Datum of 1929 minus (-) 780.55). Contours are shown at a 1' interval based on actual ground survey of the current ground terrain. Reference Benchmark: Concrete monument with brass cap at the northeast corner of the Northwest 1/4 Section 14, Town 6 North, Range 19 East, Elevation = 898.64 NGVD29 = 118.09 CITY.
- Letter / Zoning Report not supplied by client at time of survey. The subject property is vacant - No Buildings.
- Substantial features observed in the process of conducting the field work graphically shown on survey.
- There are no designated parking spaces on the subject property.
- Underground utility locations shown are based on field location markings by Digger's Hotline ticket #20174904724 with a clear date of DECEMBER 11, 2017. The location and size of underground structures and utilities shown hereon have been located based on a reasonable visual observation and are shown for informational purposes only. PINNACLE ENGINEERING GROUP, LLC. does not guarantee the location of utilities shown. Contact Digger's Hotline prior to the start of any activity.
- 13. Names of adjoining owners according to current public records: Shown on Survey.
- 14. The subject property is located 190 feet east of the intersection of East Sunset Drive and Tenny Avenue.
- 16. No evidence of recent earth moving work, building construction or building additions observed in the process of conducting the fieldwork.
- 17. No evidence of changes in street right of way lines and street or sidewalk construction or repairs observed in the process of conducting the fieldwork. 18. No wetlands were delineated or observed in the process of conducting the fieldwork.
- 19. Offsite easements as disclosed in the tile are graphically shown on Survey.
- 20. Certificate of Professional Liability Insurance furnished upon request and in effect throughout the contract term.
- 21. Additional Items requested by the client: Location and type of any trees of significant note, 4" in diameter (at DBH) or greater. At the time of the survey, there were no trees on the subject property.

CERTIFICATION

To: Meijer Stores Limited Partnership, a Michigan limited partnership or their designee; Chicago Title Company; Fidelity National Title Insurance Company:

This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2016 Minimum Standard Detail Requirements for ALTA/NSPS LAND TITLE SURVEYS, jointly established and adopted by ALTA and NSPS, and includes items 1, 2, 3, 4, 5, 6(b), 7(a), 7(b)(1), 8, 9, 11, 13, 14, 16, 17, 18, 19, 20 and 21 of Table A thereof. The fieldwork was completed on DECEMBER 14, 2017 and JANUARY 4, 2018.



Date of Plat or Map: JANUARY 29, 2018

PINNACLE ENGINEERING GROUP, LLC. 15850 West Bluemound Road Suite 210 Brookfield, WI 53005 Phone: 262-754-8888 Fax: 262-754-8850



LEGEND OF SYMBOLS & ABBREVIATIONS

S	SANITARY MANHOLE	Æ	FIBER OPTIC MARKER		SIGN
0	STORM MANHOLE	©	FIBER OPTIC MANHOLE	M	MAIL BOX
\Box	STORM INLET	T	TELEPHONE PEDESTAL	₽	FLAG POLE
0	CLEANOUT	_ ①	TELEPHONE MANHOLE	÷	BASKETBALL HOOP
$\overline{\circ}$	CATCH BASIN	Æ	TELEPHONE MARKER	•	BOLLARD
0	FORCE MAIN VALVE	TF		×	CROSS CUT
<u>°</u>	UNKNOWN MANHOLE	Ē	TRANSFORMER	0	IRON PIPE
(W)		Ē	ELECTRIC METER	•	IRON REBAR/ROD
Ď	WELL		ELECTRIC MANHOLE	•	MAG NAIL
•	HYDRANT	C ©	CABLE TV RISER/BOX	Z	SECTION MONUMENT
×	WATER VALVE	_	CABLE TV MANHOLE	-	SOIL BORINGS
Φ	DOWN SPOUT	©	GAS VALVE	***	CONIFER TREE
#\$c	SPRINKLER VALVE	G ^	GAS METER	Õ	DECIDUOUS TREE
*80	WATER SHUT OFF	<u>&</u>	GAS MARKER	-	
◬	STANDPIPE	A	AIR CONDITIONING UNIT	6	BUSH
\otimes	WATER MANHOLE	•	VENT	<u> 4117</u>	WETLAND SYMBOL
€	FLOOD LIGHT		DIRECTIONAL ARROW	CL.	=CENTERLINE
\Rightarrow	LIGHT POLE		DUMPSTER		
	2,0	12222	DOMI OTEIX	CONC.	=CONCRETE
8	TRAFFIC SIGNAL	<u>&</u>	HANDICAP STALL		
				CONC.	=CONCRETE =ELEVATION
000	TRAFFIC SIGNAL	<u>k</u>	HANDICAP STALL		
◎ -O-	TRAFFIC SIGNAL UTILITY POLE	+ +	HANDICAP STALL SPOT ELEVATION	EL.	=ELEVATION
◎ -O-	TRAFFIC SIGNAL UTILITY POLE	+ +	HANDICAP STALL SPOT ELEVATION GREASE TRAP	EL. EXT.	=ELEVATION =EXISTING
◎ -O-	TRAFFIC SIGNAL UTILITY POLE	+ +	HANDICAP STALL SPOT ELEVATION GREASE TRAP SANITARY SEWER	EL. EXT. INV. MON.	=ELEVATION =EXISTING =INVERT =MONUMENT
◎ -O-	TRAFFIC SIGNAL UTILITY POLE GUY WIRE	+ +	HANDICAP STALL SPOT ELEVATION GREASE TRAP SANITARY SEWER STORM SEWER	EL. EXT. INV. MON. P.O.B.	=ELEVATION =EXISTING =INVERT =MONUMENT =POINT OF BEGINNING
◎ -O-	TRAFFIC SIGNAL UTILITY POLE GUY WIRE	+ +	HANDICAP STALL SPOT ELEVATION GREASE TRAP SANITARY SEWER STORM SEWER WATER MAIN	EL. EXT. INV. MON.	=ELEVATION =EXISTING =INVERT =MONUMENT
◎ -O-	TRAFFIC SIGNAL UTILITY POLE GUY WIRE	& + ©	HANDICAP STALL SPOT ELEVATION GREASE TRAP SANITARY SEWER STORM SEWER WATER MAIN FIBER OPTIC LINE	EL. EXT. INV. MON. P.O.B.	=ELEVATION =EXISTING =INVERT =MONUMENT =POINT OF BEGINNING
◎ -O-	TRAFFIC SIGNAL UTILITY POLE GUY WIRE	\$ + © 	HANDICAP STALL SPOT ELEVATION GREASE TRAP SANITARY SEWER STORM SEWER WATER MAIN FIBER OPTIC LINE TELEPHONE LINE	EL. EXT. INV. MON. P.O.B. P.O.C. R.O.W	=ELEVATION =EXISTING =INVERT =MONUMENT =POINT OF BEGINNING =POINT OF COMMENCEMENT =RIGHT OF WAY
◎ -O-	TRAFFIC SIGNAL UTILITY POLE GUY WIRE	(s) + (g) 	HANDICAP STALL SPOT ELEVATION GREASE TRAP SANITARY SEWER STORM SEWER WATER MAIN FIBER OPTIC LINE TELEPHONE LINE ELECTRIC LINE	EL. EXT. INV. MON. P.O.B. P.O.C. R.O.W SEC.	=ELEVATION =EXISTING =INVERT =MONUMENT =POINT OF BEGINNING =POINT OF COMMENCEMENT =RIGHT OF WAY =SECTION
◎ -O-	TRAFFIC SIGNAL UTILITY POLE GUY WIRE	(s) + (g) 	HANDICAP STALL SPOT ELEVATION GREASE TRAP SANITARY SEWER STORM SEWER WATER MAIN FIBER OPTIC LINE TELEPHONE LINE ELECTRIC LINE OVERHEAD WIRES	EL. EXT. INV. MON. P.O.B. P.O.C. R.O.W	=ELEVATION =EXISTING =INVERT =MONUMENT =POINT OF BEGINNING =POINT OF COMMENCEMENT =RIGHT OF WAY
◎ -O-	TRAFFIC SIGNAL UTILITY POLE GUY WIRE	& + © — — — — — — — — — — — — — — — — — —	HANDICAP STALL SPOT ELEVATION GREASE TRAP SANITARY SEWER STORM SEWER WATER MAIN FIBER OPTIC LINE TELEPHONE LINE ELECTRIC LINE OVERHEAD WIRES CABLE TELEVISION	EL. EXT. INV. MON. P.O.B. P.O.C. R.O.W SEC.	=ELEVATION =EXISTING =INVERT =MONUMENT =POINT OF BEGINNING =POINT OF COMMENCEMENT =RIGHT OF WAY =SECTION

VICINITY MAP SCALE 1":1000' EAST SUNSET DRIVE NW 1/4 SEC. 14, T6N, R19E

EAST RIVERA DRIVE

GENERAL NOTES

Right of Way widths and locations are based on Certified Survey Map No. 11263

improvements that can not be located based on a reasonable visual observation

2. Existing vehicular access to this subject property is via assumed private drive. 3. At the time of this survey the subject property contained snow covered ground conditions. Pinnacle Engineering Group, LLC takes no responsibility for any

LOCATION: EAST SUNSET DRIVE

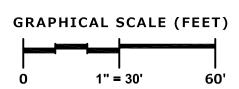
NOTES CORRESPONDING TO SCHEDULE B - II

1 - 4, 9 & 19 - 20 NOT SURVEY RELATED 5 - 8 VISIBLE EVIDENCE SHOWN IF ANY

LOT 3, C.S.M. NO. 11606, PART OF THE NE 1/4 OF THE NW 1/4, SEC. 14, T6N, R19E, CITY OF WAUKESHA, WAUKESHA COUNTY, WISCONSIN

ALTA/NSPS LAND





Bearings referenced to the Wisconsin State Plane Coordinate System, South Zone (N.A.D. 1927) which is also the bearing basis of CERTIFIED SURVEY MAP NO. 11263. The north line of the Northwest 1/4 of Section 14, Township 6 North, Range 19 East has a bearing of S88°27'25"W. The bearing basis of Certified Survey Map No. 11606 references an assumed bearing along the north line of the subject property.

12. Easements, restrictions, limitations and all other terms, conditions, covenants and provisions as set forth in Easement and Operation Agreement recorded December 23, 2014 as Document No. 4116493. Agreement affects subject property but cannot be plotted. 13. Easements, restrictions, limitations and all other terms, conditions, covenants and provisions of Site Development Agreement as disclosed by Memorandum of Agreement recorded December 23, 2014 as Document No. 4116494. Agreement affects subject 14. Easements, restrictions, limitations and all other terms, conditions, covenants and provisions as set forth in Commercial Planned Unit Development Agreement recorded January 2, 2015 as Document No. 4117441, as amended by Amendment 1 - Meijer PUD

Agreement recorded July 23, 2015 as Document No. 4156086. Agreements affect subject property but cannot be plotted. 15. Easements, restrictions, limitations and all other terms, conditions, covenants and provisions as set forth in Developer's Agreement for Meijer's Store at Tenny Avenue and Sunset Drive recorded February 24, 2015 as Document No. 4125900, as amended by

10. Recitals as shown on Certified Survey Map No. 11263 recorded on December 23, 2014, as Document No. 4116220, and on Certified Survey Map No. 11606 recorded on August 23, 2017, as Document No. 4295767, which among other things recites utility

restrictions and temporary 10' wide sidewalk slope easement. Temporary 10' Sidewalk Slope Easement, 10' Storm Sewer Easement and 10' Water Main Easement graphically shown on survey.

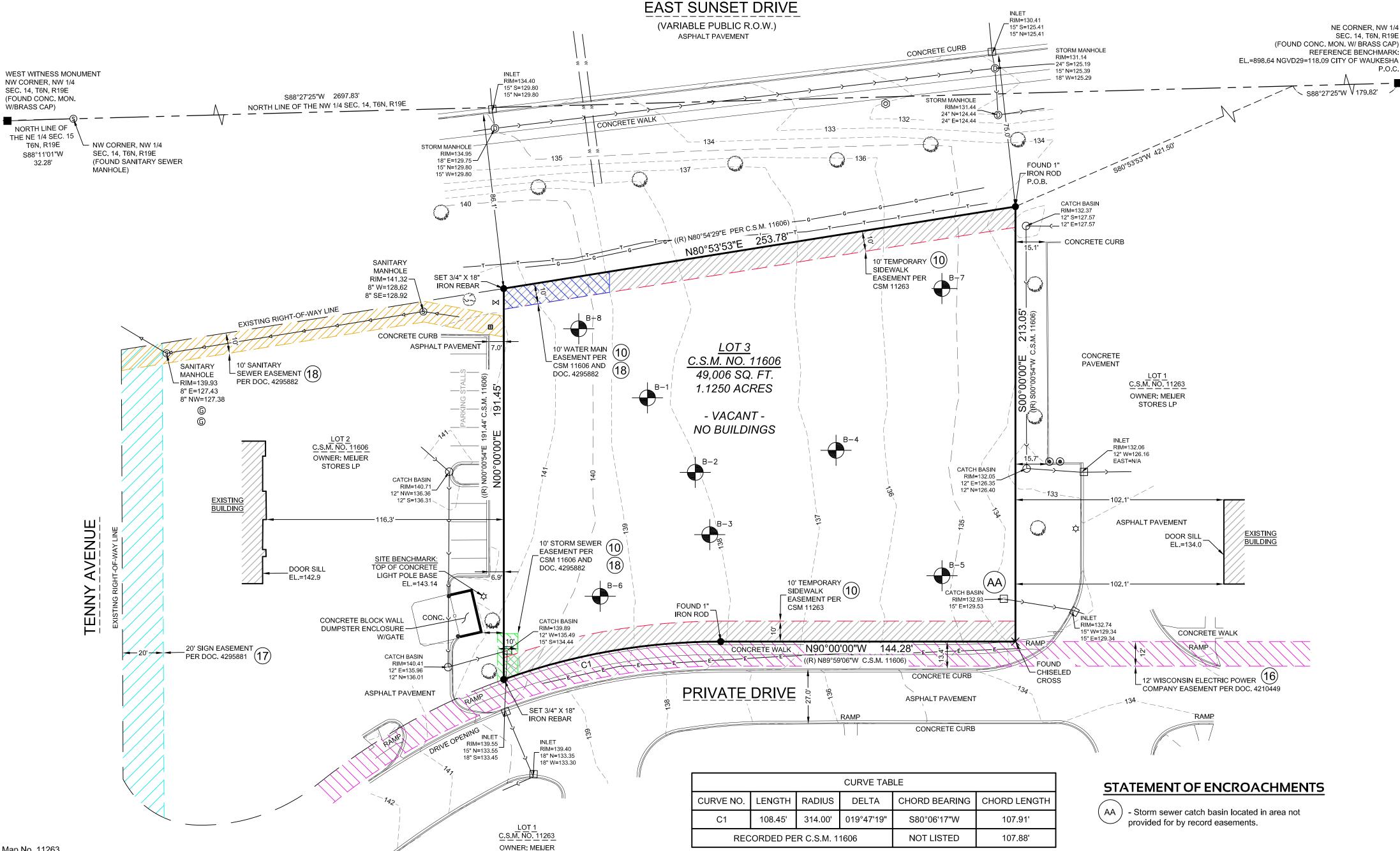
Affidavit of Correction recorded May 8, 2017 as Document No. 4275860. Corrections to "Notes" and 30' Water Main Easement - does not affect subject property.

11. Annexation recorded July 3, 2013 as Document No. 4025639. Annexation of land from the Town of Waukesha to the City of Waukesha. Affects subject property but cannot be plotted.

Amendment No. 1 to Developer's Agreement for Meijer's Store at Tenny Avenue and Sunset Drive recorded February 29, 2016 as Document No. 4193493. Agreements affect subject property but cannot be plotted. 16. Easement(s) for the purpose(s) and rights incidental thereto, as granted in a document, granted to Wisconsin Electric Power Company, a Wisconsin corporation doing business as We Energies, for utility purposes, recorded on June 6, 2016, as Document No.

4210449. 12' Wisconsin Electric Power Company Easement does not affect subject property as graphically shown on survey. 17. Nonexclusive Sign Easement Agreement by and between Meijer Stores Limited Partnership, a Michigan partnership and CFT NV Developments, LLC, a Nevada limited liability company, dated July 27, 2017, recorded August 23, 2017 as Document No. 4295881. Shared 20' Sign Easement for the benefit of the subject property located on Lot 2 of Certified Survey Map No. 11606 as graphically shown on survey.

18. Reciprocal Utility Easement Agreement by and between Meijer Stores Limited Partnership, a Michigan limited partnership and CFT NV Developments, LLC, a Nevada limited liability company, dated July 27, 2017, recorded August 23, 2017 as Document No. 4295882. Reciprocal Water Main Easement, Sanitary Sewer Easement and Storm Sewer Easement as graphically shown on survey.





WISCONSIN OFFICE: BROOKFIELD, WI 53005 (262) 754-8888

TITLE SURVEY

REVISIONS

PLAN I DESIGN I DELIVER www.pinnacle-engr.com

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