797 W. DAYTON ST.
SOUTH EAST RECREATIONAL FACILITY

W. DAYTON ST.
WEST DAYTON STREET

SITE LAYOUT PLAN
C200   1/16"=1'-0" @ FULL SIZE SHEET (30X42)

WEST BUS PULL-OFF
C200   1/16"=1'-0" @ FULL SIZE SHEET (30X42)

GENERAL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR STAKING SITE FOR HORIZONTAL AND VERTICAL ALIGNMENT.

2. ANY DEVIATION FROM OR MODIFICATIONS OF LAYOUT AND DIMENSIONS SHOWN ON THIS PLAN SHALL REQUIRE PRIOR APPROVAL BY THE OWNER'S REPRESENTATIVE.

3. CONTRACTOR SHALL PLACE ALL CONCRETE CONTROL JOINTS AS SHOWN ON THE DRAWINGS.

4. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL EXISTING SITE ELEMENTS. CONTRACTOR SHALL CONTACT DIGGERS HOT LINE AND UW MADISON FP&M FOR UNDERGROUND UTILITY LOCATIONS.

5. COORDINATES ARE BASED ON WISCONSIN COUNTY COORDINATE SYSTEM (WCCS), DANE COUNTY.

6. REPLACE OR INSTALL PROPERTY CORNER MARKERS/ MONUMENTS FLUSH TO SURFACE IN FINISHED CONDITION OF CONSTRUCTION. CONTACT UW-FP&M FOR DIRECTION.

7. DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.

8. SITE WALL LINEWORK DEPICTS FACE OF WALLS. SEE CONSTRUCTION DETAILS FOR WALL CAP/COPING OVERHANGS.

9. CONTRACTOR SHALL INSTALL TREE PROTECTION FENCING IN THE AREA BETWEEN THE CURB AND SIDEWALK AND EXTEND IT AT LEAST 5 FT. FROM BOTH SIDES OF THE TREE ALONG THE LENGTH OF THE TERRACE. NO EXCAVATION IS PERMITTED WITHIN 5 FT. OF THE OUTSIDE EDGE OF A TREE TRUNK. IF EXCAVATION WITHIN 5 FT. OF ANY TREE IS NECESSARY, CONTRACTOR SHALL CONTACT CITY FORESTRY (266-4816) PRIOR TO EXCAVATION TO ASSESS THE IMPACT TO THE TREE AND ROOT SYSTEM.

10. CONTRACTOR SHALL REPLACE ALL SIDEWALK AND CURB AND GUTTER THAT ABUTS THE PROPERTY THAT IS DAMAGED BY CONSTRUCTION ACTIVITIES AS DETERMINED BY THE DFD CONSTRUCTION REPRESENTATIVE OR CITY ENGINEER.

11. ALL DAMAGE TO THE PAVEMENT ON WEST DAYTON STREET, ADJACENT TO THE DEVELOPMENT SHALL BE RESTORED IN ACCORDANCE WITH THE CITY'S PAVEMENT PATCHING CRITERIA.

12. ALL WORK IN THE PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED BY A CITY LICENSED CONTRACTOR PER CITY STANDARD SPECIFICATIONS.

13. PARKING FACILITY DESIGN STANDARDS ARE ESTABLISHED TO MEET THE STATE OF WISCONSIN REQUIREMENTS AND ARE IDENTIFIED IN UW-MADISON TECHNICAL GUIDELINES DIVISION 32 EXTERIOR IMPROVEMENTS, SECTION 8.

14. CONTRACTOR SHALL OBTAIN PERMIT TO EXCAVATE IN THE PUBLIC RIGHT-OF-WAY. CONSTRUCT SIDEWALKS WITHIN THE RIGHT-OF-WAY TO PLAN APPROVED BY THE CITY.

PARKING SUMMARY
BIKES: 180
MOPEDS: 36
VEHICLES: 31

LEGEND
- HEAVY DUTY CONCRETE PAVEMENT
- ASPHALTIC PAVEMENT
- RIGHT OF WAY LINE
- SITE LIMITS (SEE C110 FOR CONSTRUCTION FENCE LIMITS)
- ALIGN
- PT   POINT OF TANGENCY
- PC   POINT OF CURVATURE
- F.O.B.   FACE OF BUILDING
- (X'-X")   MATCH EXISTING DIMENSION
- CENTER LINE
- +CP   CENTER POINT
- BM   BENCHMARK

W. DAYTON STREET

N. LAKE STREET

E. CAMPUS MALL

NEW SOUTHEAST
RECREATIONAL BUILDING
LOWER LEVEL FIRST FLOOR
EL 856.25

EXISTING
LABAHN ARENA

SEE DETAIL 1 BELOW
FOR ADDITIONAL CALL OUTS

SEE DETAIL 2 BELOW
FOR ADDITIONAL CALL OUTS

Plan callouts:

- NEW 6'x6' STORM MANHOLE (SOLID LID) (1) RIM = 858.XX, EX. 29"X45" E&W INV = 853.04, 21" S INV = 853.14
- ADJUST EX. MANHOLE FRAME & CURB BOX EX. RIM ELEV. = 857.08, PR. RIM ELEV. = 857.08
- ADJUST EX. MANHOLE FRAME & CURB BOX EX. RIM ELEV. = 856.87, PR. RIM ELEV. = 856.87
- NEW 6'x6' STORM MANHOLE (SOLID LID) (2) RIM = 855.86, EX. 29"X45" W INV = 851.53, EX. 29"X45" E INV = 851.53, NEW 15" SW INV = 851.55
- EXISTING SANITARY SEWER MANHOLE EX. RIM = 849.84, EX. 15" W INV = 849.22, EX. E INV = 849.18
- 52 L.F. OF NEW 15" DIA. RCP STORM SEWER @ 0.80% STP-17
- CONNECT TO EX. 8" DIA. SANITARY SEWER AT INV. 849.03
- 15.5 L.F. OF NEW 8" DIA. PVC SANITARY SEWER @ 0.40%
- NEW 4' DIA. SANITARY MANHOLE (SOLID LID) RIM = 856.06, 8" N INV = 849.09, 8" SE INV = 849.29
- 11 L.F. OF NEW 8" DIA. PVC SANITARY SEWER @ 0.45%
- NEW 4' DIA. SANITARY MANHOLE (SOLID LID) RIM = 856.20, 8" NW INV = 849.34, 8" S INV = 849.54
- NEW 2' DIA. CATCH BASIN (OPEN GRATE) (7) RIM = 855.08, 12" EX. E INV = 853.35
- NEW 4' DIA. CATCH BASIN (LOW PROFILE SOLID LID) (5) RIM = 855.20, 15" NW & SE INV = 852.55, 12" SW INV = 852.63
- 8 L.F. OF NEW 12" DIA. RCP STORM SEWER @ 2.0% STP-14
- 42 L.F. OF NEW 15" DIA. RCP STORM SEWER @ 0.80% STP-13
- NEW 2'x3' CATCH BASIN (OPEN GRATE) (8) RIM = 855.32, 15" NW & S INV = 852.90
- 61 L.F. OF NEW 15" DIA. RCP STORM SEWER @ 0.83% STP-12
- NEW 2'x3' CATCH BASIN (OPEN GRATE) (9) RIM = 856.40, 15" N & S INV = 853.39
- 55 L.F. OF NEW 15" DIA. RCP STORM SEWER @ 0.80% STP-11
- 187 L.F. OF NEW 8" DIA. PVC SANITARY SEWER @ 0.54%
- NEW 10"x10"x8" TAPPING SLEEVE AND 8" VALVE AND VALVE BOX
- 50 L.F. OF NEW 18" DIA. CHILLED WATER RETURN PIPE
- 50 L.F. OF NEW 18" DIA. CHILLED WATER RETURN PIPE SEE MECHANICAL PLANS FOR ADDITIONAL DETAILS
- 45 L.F. OF NEW 10" DIA. CHILLED WATER SERVICE PIPE SEE MECHANICAL PLANS FOR ADDITIONAL DETAILS
- 45 L.F. OF NEW 10" DIA. CHILLED WATER RETURN PIPE SEE MECHANICAL PLANS FOR ADDITIONAL DETAILS
- 36 L.F. OF NEW 12" DIA. RCP STORM SEWER @ 1.33% STP-6
- 49 L.F. OF NEW 12" DIA. RCP STORM SEWER @ 1.69% STP-8
- 53 L.F. OF NEW 8" DIA. PVC SANITARY SEWER @ 0.41%
- NEW 4' DIA. SANITARY MANHOLE (SOLID LID) RIM = 859.50, 8" NE INV = 851.38, 8" SW INV = 851.58
- NEW STORM WATER CURB OPENING R-3262-6, CURB FLOW LINE EL = 858.91, 6" S INV = 858.91
- 85.6 L.F. OF NEW 21" DIA. RCP STORM SEWER @ 0.83% STP-18
- 4" DRAIN TILE FOR STREET TREE VAULTS CONNECT TO STP-18 SEE SITE LAYOUT AND SITE DETAILS FOR ADDITIONAL INFORMATION
- SITE LIMITS (TYP.)
- 21" STORM SEWER CONNECTION TO BUILDING INV = 853.85
- NEW 2'X3' CATCH BASIN (OPEN GRATE) (6) RIM = 854.78, 12" NE INV = 852.79
- 61.5 L.F. OF NEW 15" DIA. PVC STORM SEWER @ 0.81% STP-15
- 147 LF OF NEW 8" DIA. DIP WATERMAIN
- 8"X8"X8" DIA. D.I. TEE
- 19 LF OF NEW 8" DIA. DIP WATERMAIN
- 8" DIA. VALVE AND VALVE BOX
- 7 LF 8" DIA. DIP WATERMAIN
- NEW 3' DIA. STORM MANHOLE (SOLID LID) (11) RIM = 858.70, 12" W & E INV = 854.56
- 36 L.F. OF NEW 12" DIA. RCP STORM SEWER @ 1.36% STP-5
- NEW 3' DIA. STORM MANHOLE (SOLID LID) (12) RIM = 859.45, 12" W & E INV = 855.05
- NEW 4' DRAIN TILE FOR STREET TREE VAULTS / SEE SITE LAYOUT AND SITE DETAILS FOR RUNNEL IRRIGATION
- NEW 4 - 4" CONDUIT IN CONCRETE DUCT BANK SEE SITE PLAN - COMMUNICATIONS FOR ADDITIONAL DETAILS
- ADJUST 6" VALVE BOX EX. RIM ELEV. = 865.34, PR. RIM ELEV. = 865.34
- ADJUST UTILITY MANHOLE FRAME & LID EX. RIM ELEV. = 864.00, PR. RIM ELEV. = 864.00
- ADJUST 6" VALVE BOX EX. RIM ELEV. = 862.77, PR. RIM ELEV. = 862.77
- NEW 4' DIA. SANITARY MANHOLE (SOLID LID) RIM = 862.95, 8" E INV = 846.31, EX. 18" W INV = 846.01
- 17 L.F. OF NEW 8" DIA. PVC SANITARY SEWER @ 0.53%
- 8" SANITARY SEWER CONNECTION AT BUILDING INV = 846.40
- ADJUST WATER VALVE MANHOLE FRAME & LID EX. RIM ELEV. = 862.81, PR. RIM ELEV. = 862.81
- ADJUST 6" VALVE BOX EX. RIM ELEV. = 862.75, PR. RIM ELEV. = 865.XX
- ADJUST 6" VALVE BOX EX. RIM ELEV. = 862.70, PR. RIM ELEV. = 862.XX
- 159 L.F. OF NEW 12" DIA. RCP STORM SEWER @ 1.26% STP-2
- NEW 3' DIA. STORM MANHOLE (SOLID LID) (13) RIM = 861.00, 12" SW & E INV = 857.05
- 21 L.F. OF NEW 12" DIA. RCP STORM SEWER @ 1.19% STP-4
- NEW 3' DIA. CATCH BASIN (OPEN GRATE) (14) RIM = 860.80, 12" NE INV = 857.30, 6" S INV = 859.80
- 15 LF CAST IRON TRENCH DRAIN (15) w/ADA COMPLIANT GRATE 6" N INV = 860.06
- NEW 4' DIA. CATCH BASIN (OPEN GRATE) (18) RIM = 859.52, 12" E INV = 856.70
- NEW 2'X3' CATCH BASIN (OPEN GRATE) (17) RIM = 858.70, 12" W & E INV = 855.35
- 83 L.F. OF NEW 12" DIA. RCP STORM SEWER @ 1.62% STP-7

DETAIL 1

- NEW 4' DIA. CATCH BASIN (OPEN GRATE) (3) RIM = 855.78, 15" NE INV = 851.97, 15" SE INV = 852.05, 6" SW INV = 852.80
- 38 L.F. OF NEW 6" DIA. RCP STORM SEWER @ 1.00% STP-16
- 8"X8"X6" DIA. D.I. TEE
- 13 LF 8" DIA. DIP WATERMAIN
- 8" DIA. D.I. 45 DEGREE BEND
- 16 LF 8" DIA. DIP WATERMAIN
- NEW 12"x12" LANDSCAPE DRAIN (OPEN GRATE) (4) RIM = 857.83, 6" NE INV = 853.40, 6" W INV = 854.00
- 8" DIA. D.I. 45 DEGREE BEND
- 4 LF 6" DIA. DIP WATERMAIN
- NEW FIRE HYDRANT, NEW 6" DIA. AUXILIARY VALVE & NEW VALVE BOX
- 6" DIA. D.I. 45 DEGREE BEND

DETAIL 2

- NEW 4' DIA. SANITARY MANHOLE (SOLID LID) RIM = 857.81, 8" N INV = 850.55, 8" SW INV = 850.75
- NEW 2'X3' CATCH BASIN (OPEN GRATE) (16) RIM = 858.33, 12" W &E INV = 854.52
- 8 L.F. OF NEW 12" DIA. RCP STORM SEWER @ 1.63% STP-9
- 20 LF OF NEW 8" DIA. PVC SANITARY SEWER @ 1.05%
- NEW 4' DIA. STORM MANHOLE (SOLID LID) (10) RIM = 862.00, 15" N & S INV = 853.83, 12" W INV = 854.08
- 6 L.F. OF NEW 15" DIA. RCP STORM SEWER @ 1.00% STP-10
- NEW SEDIMENTATION CHAMBER 2 ROWS OF 26'-4"X7'-4"X7'-4" PRECAST RC BOX CHAMBERS, 3 - 12" PVC EQUALIZATION PIPES BETWEEN THE BOX CULVERT ROWS, N RIM = 864.10 (SOLID LID), S RIM = 863.80 (SOLID LID), OUTSIDE TOP = 856.56, INSIDE TOP = 855.89, INSIDE BOTTOM = 849.89, PERMANENT POOL = 853.89, 15" N INV = 853.89, 12" W INV = 854.39
- NEW 2' DIA. CATCH BASIN (SOLID LID) RIM = 861.50, EX. 6" S INV = 860.55, 6" NE INV = 859.69
- NEW 4' DIA. SANITARY MANHOLE (SOLID LID) RIM = 858.11, 8" NE INV = 850.96, 8" SW INV = 851.16

NOTES:
1. MAINTAIN CODE REQUIRED SEPARATION BETWEEN SEWER AND WATER FACILITIES.
2. PIPE LENGTHS ARE TO CENTER OF THE STRUCTURE, UNLESS OTHERWISE NOTED.
3. SEWER INSTALLATION SHALL PROCEED FROM DOWNSTREAM TO UPSTREAM.
4. CONTRACTOR SHALL ADJUST ALL EXISTING AND NEW UTILITY CASTINGS, MANHOLES, CLEANOUTS AND ACCESS BOXES TO PROPOSED GRADING.
5. CONNECT SANITARY BUILDING SEWER, STORM SEWER AND WATER SERVICE TO CITY OF MADISON OWNED MAINS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND PERMIT REQUIREMENTS OF THE CITY.
6. MAINTAIN PROPER DRAINAGE AT ALL TIMES DURING CONSTRUCTION.
7. SITE UTILITIES CONTRACTOR SHALL COORDINATE FINAL LOCATION OF UTILITIES ENTERING THE BUILDING WITH DIVISION 22 CONTRACTOR(S)
8. CONTRACTOR REQUIRED TO PAY FOR AND OBTAIN A CONNECTION PERMIT AND EXCAVATION PERMIT PRIOR TO COMMENCING THE STORM SEWER CONSTRUCTION.
9. ALL WORK IN THE PUBLIC RIGHT OF WAY SHALL BE PERFORMED BY A CITY-LICENSED CONTRACTOR
10. IF CONTAMINATED SOIL IS ENCOUNTERED AS PART OF THE PROJECT EXCAVATION, ALL WDNR AND DSPS REGULATIONS MUST BE FOLLOWED FOR PROPER HANDLING AND DISPOSAL OF THE MATERIAL.

LEGEND
- — · — · — SITE LIMITS
- SS — NEW SANITARY SEWER
- ST — NEW STORM SEWER
- ⊗ ⊠ NEW STORM CATCH BASIN/INLET
- ○ ◯ NEW MANHOLE
- W — NEW WATER SERVICE
- ⋈ NEW WATER VALVE / VALVE BOX