



City of Fitchburg  
Planning/Zoning Department  
5520 Lacy Road  
Fitchburg, WI 53711  
(608-270-4200)

## ARCHITECTURAL & DESIGN REVIEW APPLICATION

Applicant/Contact Person: Promega Corporation / Dan Motl

Address: 2800 Woods Hollow Road Phone Number of Contact Person: 608-443-3260

City, State, Zip Code: Fitchburg, WI 53711 Email of Contact Person: dan.motl@promega.com

Project Address: East Cheryl Drive, east of Woods Hollow Lot: 1 Subdivision: CSM

Project Type: ☐ Multi-Family ☒ Commercial ☐ Industrial ☐ Other  
☒ New ☒ Addition

Impervious Surface Ratio (ISR): 34.2% (City Standard: maximum 65% ISR)

All items listed below must be included with the application to be considered complete. If an item is not included with the application, the applicant must provide in writing the basis for not including it. Building and site plans submitted to the Fitchburg Plan Commission for architectural and design review shall contain the following information:

### Site Data:

- ☐ 1. Lot or property dimensions.
- ☐ 2. Orientation (to north).
- ☐ 3. Adjacent highways, roads, drive, etc.
- ☐ 4. Existing natural features (rivers, ponds, wetlands).
- ☐ 5. Existing buildings and/or improvements.
- ☐ 6. Existing and proposed site drainage.
- ☐ 7. Utility plans, including main/lateral sizes and existing fire hydrants on site or within 300 feet of the site.
- ☐ 8. ISR shall be indicated on all plans.
- ☐ 9. Stormwater management plans and details, including grading plan.
- ☐ 10. Lighting plan in footcandles and light fixture cut sheets.

### Building:

- ☐ 1. Building size, configuration and orientation.
- ☐ 2. Distance from lot lines.
- ☐ 3. Distance from other buildings, improvements and natural features.
- ☐ 4. Location of well, septic tank, drainfield, etc. (if applicable).
- ☐ 5. Additional proposed additions or new structures, including trash/recycling enclosure(s).
- ☐ 6. Construction type (wood frame, structural steel, etc.).
- ☐ 7. Foundation type (full basement, slab on grade, etc.).
- ☐ 8. Number of levels.
- ☐ 9. Siding/exterior covering type, color, texture, etc.
- ☐ 10. Roof type (gable, hip, shed, flat, etc.) and pitch.
- ☐ 11. Roofing material type, color, texture, etc.
- ☐ 12. Exterior door and window location, size, type, etc.
- ☐ 13. Fire protection sprinklers or fire alarm systems.

### Ingress, Egress, Parking:

- ☐ 1. Location of highway and road access points.
- ☐ 2. Location, size, configuration of drives and walks.
- ☐ 3. Number, size, location of parking spaces.
- ☐ 4. Location of handicapped parking and accessible building entrances.
- ☐ 5. Bicycle rack(s).

ARCHITECTURAL AND DESIGN REVIEW APPLICATION  
Page 2

Landscaping:

☐  
☐  
☐  
☐

1. Location, species, size of existing trees, shrubs, and plantings
2. Location, species, size of proposed plantings
3. Location and size of all paved, seeded/sodded and gravelled areas
4. Location of all retaining walls, fences, berms and other landscape features

**\*It is highly recommended that an applicant hold at least one neighborhood meeting prior to submitting an ADR application to identify any concerns or issues of surrounding residents.**

The preceding information is considered to be the minimum information for submission, and the City may require additional information for its review. Any interpretations provided by city officials as the result of submitting the attached information are based on the submitted plans, and any plan changes, may affect the interpretations.

It is the responsibility of the owner/applicant to insure compliance with all local and state requirements. The below signed applicant acknowledges the above information and hereby submits the attached information for the City's Architectural and Design Review Process.

Signed:



Daniel Motl, Promega Facilities Director

Date: May 22, 2018

Applicant or Authorized Agent

**\*\*\* Application shall be accompanied by one (1) sets of full-size plans, two (2) sets no larger than 11"x17", and one (1) pdf document of the complete submittal to [planning@fitchburgwi.gov](mailto:planning@fitchburgwi.gov). Applications are due at least 4 weeks prior to the desired Plan Commission Meeting. The time frame assumes a complete set of plans is provided, and if it is not provided the Plan Commission date will be adjusted.**

---

---

**FOR CITY USE ONLY**

Date Received: \_\_\_\_\_ Plan Commission Date: \_\_\_\_\_

Comments:

---

---

---

---

---

UIHLEIN | WILSON  
RAMLOW | STEIN  
ARCHITECTURE | DESIGN | PLANNING

Tom Hovel  
City of Fitchburg  
Planning/Zoning Department  
5520 LACY Road  
Fitchburg, Wisconsin, 53711

RE: Promega submittal for Architectural and Design Review Application

Dear Tom,

On Behalf of our client, Promega Corporation, we are pleased to transmit the following information for your staffs review and consideration by the City of Fitchburg's Plan Commission. We are requesting that this project be placed on the June 19th Planning Commission Agenda for a Site Plan and Design review and approval and would grant Promega permission to begin site work, site utilities, footings, and foundations when the State plan reviews are complete and necessary early start permits have been acquired. We believe the transmitted information conforms to your submittal requirements for review and approval outlined on the Architectural and Design Review Application.

We are requesting the early start review and approval to stay on a planned facility completion schedule that necessitates site work to begin sometime in July 2018.

Please accept the following documents:

ADR Application.....2 Pages  
Site Plan, Utility, grading, erosion and storm water plans.....Sheets C100, C200, C300, C400, C401, C500, C501, C600, C601  
Landscape Plan.....Sheet L100  
Site Pole lighting plan and photometric.....Sheets E100, E101, E102, E103  
Building Elevations and Floorplans.....Sheets A2100, A2110, A2120, A2130, A402, A A4.10, A4.11, A100, A200, A100 and A200  
Sound Study.....Attached  
PDF's of this submittal package.....Emailed

We look forward to working with you, your staff and Commissioners. Please feel free to contact myself or Deb Hatfield with questions and we will work to get the answers and additional information necessary to facilitate the review and approval process.

Sincerely,



Steve Wellenstein,  
Uihlein-Wilson/Ramlow-Stein Architects, Inc.

**Architectural Design and Review Application for Promega Corporation**  
**Proposed new Processing Center Facility to be located on East Cheryl Parkway**  
**Submitted May 22, 2018**

**Narrative**

Promega Corporation is consolidating Research and Development Activities from several locations into a new Research and Development (R&D) Facility. This new R&D facility will support and contribute to the long-term business growth of Promega by providing the proper infrastructure to respond to emerging opportunities in the global biotechnology and life science markets. The project will include an associated expansion of the existing parking structure by adding 2 floors and approximately 335 parking spaces. It will also include around 4,800 sq. for a central utility plant (CUP) expansion on the Feynman building to serve both new and existing buildings and significantly improve energy efficiency. Finally, the project will include significant infrastructure improvements both on and off-site.

The proposed facility includes the following approximate space/occupant/parking allocations:

**Square Footage**

**R&D**

|                      |                    |
|----------------------|--------------------|
| Office               | 100,500 SF         |
| Lab Space            | 125,200 SF         |
| Amenities/Mechanical | 73,300 SF          |
| Total                | <b>277,000 GSF</b> |

**Parking Structure**

|         |             |
|---------|-------------|
| Parking | 240,000 GSF |
|---------|-------------|

**CUP**

|         |             |
|---------|-------------|
| Feynman | 306,800 GSF |
|---------|-------------|

**Parking/occupants**

**Existing Site Parking/occupant capacity:**

|                  |                |
|------------------|----------------|
| Existing RDC     | 130            |
| Existing Feynman | 150            |
| Total            | <b>280 now</b> |



Parking/Occupant ratios to Sq. Ft. in new R&D facility.

|                                           |                                                |            |
|-------------------------------------------|------------------------------------------------|------------|
| Office/Lab space                          | 1 space/1000 SF<br><b>253</b> occupants/stalls | 253,000 SF |
| Total Parking on site<br>Needed 280 + 253 | <b>533 total</b>                               |            |

The parking provided:

|                                       |                                       |
|---------------------------------------|---------------------------------------|
| Surface parking for on site visitors: | 36 = 14 current spaces plus 22 new    |
| Parking structure parking:            | 642 = 307 current spaces plus 335 new |
| <b>ON SITE PARKING TOTAL:</b>         | <b>678 spaces</b>                     |

Approval for parking is requested for the new facility based on the above Sq. Ft. count. The occupant count for R&D is 253 and 22 spaces for visitors. This leaves 109 spaces open for future use plus visitor parking and street parking.

The R&D building will be situated along East Cheryl Parkway. Main Building mass is set back from East Cheryl Parkway to create a buffer to the street and retain existing tree line along street. A possible future building site is reserved north of the drive lane to the parking structure. More parking could be incorporated into the future building at that time. The site slopes from the South West corner to the North East corner. Drainage will flow in this general direction around the building to the North and to the East. The structure is cast-in place concrete for a non-combustible construction.

The proposed building has the following characteristics:

Construction classification- IIB Fully sprinklered.

Principal exterior materials- Brick, metal panels, curtain wall-glazing system

Employee auto access- from East Cheryl Parkway at Fahey Glen from the east and Woods Hollow Road from the west.

Loading access- from East Cheryl Parkway. Very moderate truck traffic expected.

Visitor access - Visitor drop-off and visitor parking accessed from East Cheryl Parkway the same drive as loading access.

Pedestrian access – from street parking and sidewalks along Loading/Visitor access drive to main entrance on South Façade. Pedestrian access from the parking structure, Feynman and from the west end of campus for employees to Employee entrance on West Facade.

Landscape - A naturalized short grass prairie and lawn perimeter area with clustered tree plantings, a more formal fruit tree orchard to the North, shrub and perennials composition near the buildings and dryscape stone gardens and retaining walls.

Stormwater strategy - Constructed Infiltration areas integrated into the landscape to treat flows from roofs and surrounding site, with treated flows channeled to development ponds.

CUP expansion is a 4,800 sq. ft. metal framed building addition with Brick, metal panels, curtain wall-glazing system and louvers to match existing building.

Parking Structure expansion is a 2 deck Precast structure with steel at the new and expanded stairwell with Brick, metal panels, and curtain wall-glazing system to match existing building.

As will be apparent from the building elevations, the applicant is seeking conditional use consideration due to the proposed height of the R&D building, CUP and Parking structure expansion. The height is determined by the technical requirements of the Laboratory space plus mechanical space and existing conditions.

# Wise Associates

1409 E. Skyline Drive  
Madison, WI 53705 USA  
Ph / fax (608) 233-7683  
[steve-wise@att.net](mailto:steve-wise@att.net)

May 22, 2018

Steve Wellenstein  
UIHLEIN/WILSON - RAMLOW/STEIN ARCHITECTS  
322 East Michigan Street  
Milwaukee, WI 53202

Subject: Assessment of Noise Impact for New Feynman Cup / R&D facility

Dear Steve:

Preliminary design plans and equipment selections for the proposed new Feynman Cup and R&D Building on the north side of E.Cheryl Drive have been reviewed.

We evaluated the noise propagation from the associated mechanical equipment toward HospiceCare and existing/planned residences to the north and east.

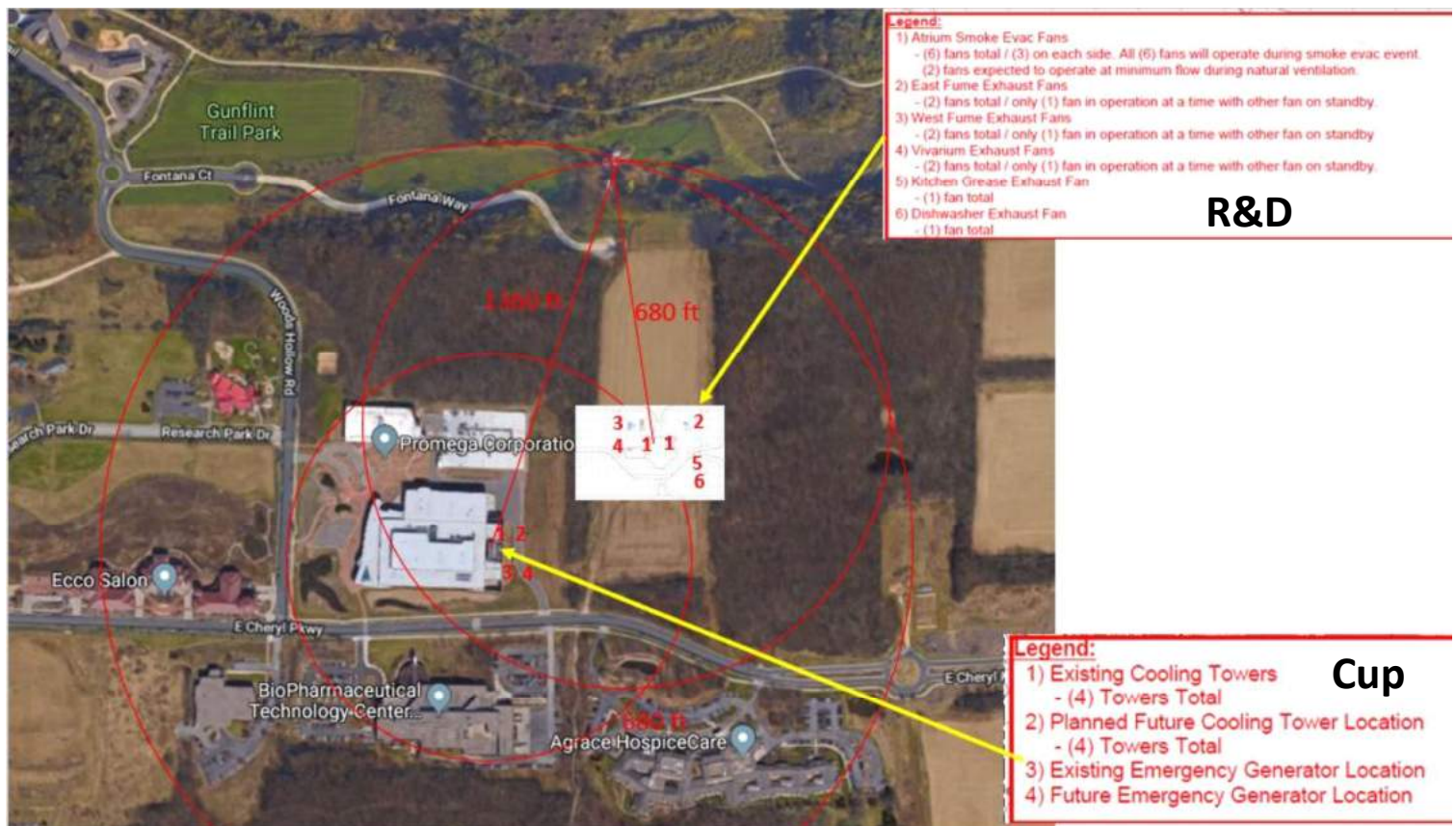
The aerial snippet below indicates distances from the facilities to neighbors of interest.

On the attached pages, we have indicated a rough analysis of the noise contribution associated with various pieces of equipment. NOTE – The dotted blue “ambient” is a target based on 4am minimum sound levels. It is usually louder, due to times of wind, local and distant-highway traffic, prevalent residential A/C units, birds, insects, etc.

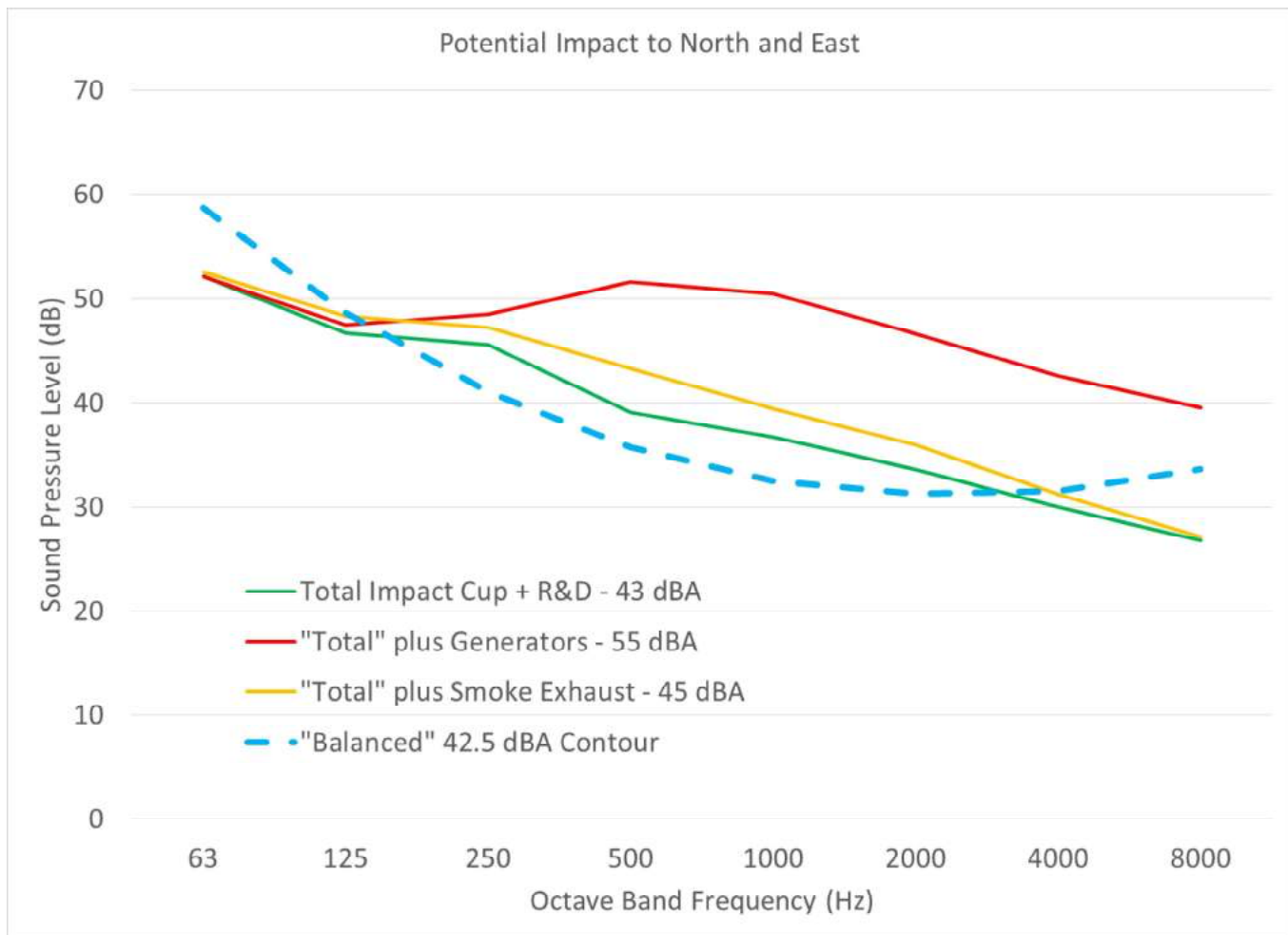
Regards,



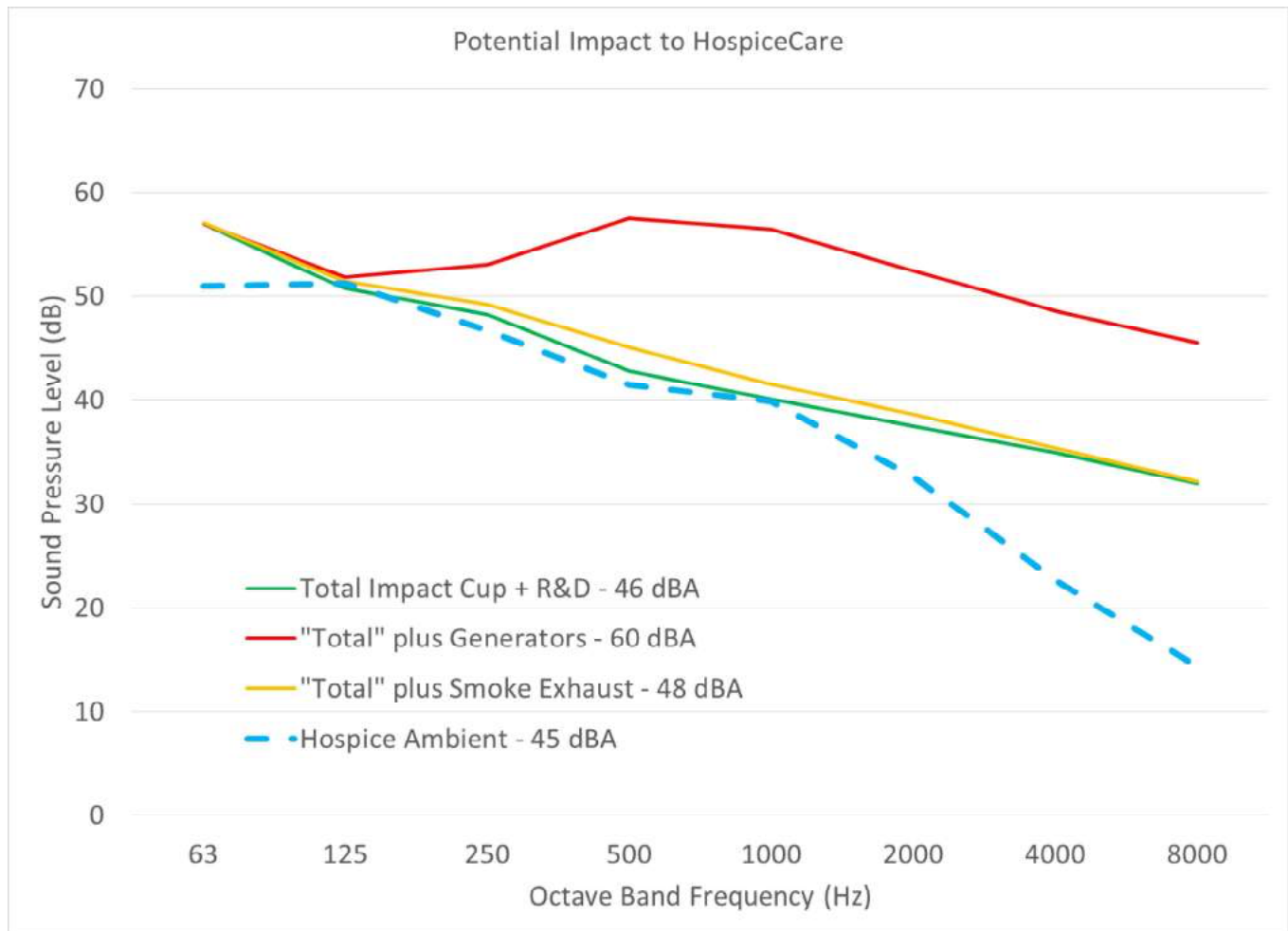
Steve Wise



| Tabulation from Cup to North and East Residences |           |            |            |            |             |             |             |             |                    |
|--------------------------------------------------|-----------|------------|------------|------------|-------------|-------------|-------------|-------------|--------------------|
|                                                  | <u>63</u> | <u>125</u> | <u>250</u> | <u>500</u> | <u>1000</u> | <u>2000</u> | <u>4000</u> | <u>8000</u> | <u>dBA</u>         |
| Existing Dry Cooler                              | 98        | 95         | 93         | 92         | 92          | 90          | 90          | 88          | 98                 |
| Existing Cooling Towers (4)                      | 106       | 102        | 98         | 93         | 87          | 84          | 80          | 73          | 95                 |
| New Cooling Towers (4)                           | 112       | 104        | 100        | 95         | 91          | 89          | 83          | 76          | 98                 |
| Existing Emergency Generator                     | 80        | 99         | 105        | 111        | 110         | 106         | 102         | 99          | 114                |
| Future Emergency Generator                       | 80        | 99         | 105        | 111        | 110         | 106         | 102         | 99          | 114                |
| Total w/o Generator                              | 113       | 106        | 103        | 98         | 95          | 93          | 91          | 88          | 102                |
| Distance Attenuation                             | 63        | 63         | 63         | 63         | 63          | 63          | 63          | 63          |                    |
| Net w/o Generator                                | 50        | 44         | 40         | 36         | 33          | 30          | 28          | 26          | 39                 |
| "Balanced" 42.5 dBA Contour                      | 59        | 49         | 41         | 36         | 33          | 31          | 32          | 34          | 42.5               |
|                                                  |           |            |            |            |             |             |             |             |                    |
| Total w/ Generator                               | 113       | 108        | 109        | 114        | 113         | 109         | 105         | 102         | 117                |
| Distance Attenuation                             | 63        | 63         | 63         | 63         | 63          | 63          | 63          | 63          |                    |
| Net w/ Generator                                 | 50        | 45         | 46         | 51         | 50          | 46          | 43          | 40          | 54                 |
| "Balanced" 42.5 dBA Contour                      | 59        | 49         | 41         | 36         | 33          | 31          | 32          | 34          | 42.5               |
| Tabulation from R&D to North and East Residences |           |            |            |            |             |             |             |             |                    |
|                                                  | <u>63</u> | <u>125</u> | <u>250</u> | <u>500</u> | <u>1000</u> | <u>2000</u> | <u>4000</u> | <u>8000</u> | <u>Overall dBA</u> |
| 2x3 Atrium Smoke Fans - EMERGENCY                | 99        | 100        | 99         | 98         | 93          | 89          | 82          | 73          | 99                 |
| 2x3 Atrium Smoke Fans - MIN                      | 75        | 73         | 71         | 71         | 67          | 56          | 49          | 43          | 72                 |
| East Fume Exhaust Fan                            | 99        | 94         | 93         | 87         | 85          | 80          | 74          | 68          | 91                 |
| West Fume Exhaust Fan                            | 99        | 94         | 93         | 87         | 85          | 80          | 74          | 68          | 91                 |
| Vivarium Exhaust Fan                             | 99        | 97         | 99         | 90         | 88          | 85          | 79          | 75          | 95                 |
| Kitchen Grease Exhaust Fan Outlet Est            | 82        | 86         | 80         | 77         | 77          | 72          | 65          | 61          | 81                 |
| Dishwasher Exhaust Fan Outlet Est                | 79        | 77         | 77         | 71         | 68          | 65          | 61          | 57          | 75                 |
| Total w/o smoke                                  | 104       | 100        | 101        | 93         | 91          | 87          | 81          | 77          | 97                 |
| Distance Attenuation                             | 57        | 57         | 57         | 57         | 57          | 57          | 57          | 57          |                    |
| Net w/o smoke                                    | 47        | 44         | 44         | 37         | 35          | 31          | 25          | 20          | 40                 |
| "Balanced" 42.5 dBA Contour                      | 59        | 49         | 41         | 36         | 33          | 31          | 32          | 34          | 42.5               |
|                                                  |           |            |            |            |             |             |             |             |                    |
| Total w/smoke                                    | 105       | 103        | 103        | 99         | 95          | 91          | 85          | 78          | 101                |
| Distance Attenuation                             | 57        | 57         | 57         | 57         | 57          | 57          | 57          | 57          |                    |
| Net w/o smoke                                    | 48        | 46         | 46         | 42         | 38          | 34          | 28          | 21          | 44                 |
| "Balanced" 42.5 dBA Contour                      | 59        | 49         | 41         | 36         | 33          | 31          | 32          | 34          | 42.5               |



| Tabulation from Cup to HospiceCare    |     |     |     |     |      |      |      |      |             |
|---------------------------------------|-----|-----|-----|-----|------|------|------|------|-------------|
|                                       | 63  | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | dBA         |
| Existing Dry Cooler                   | 98  | 95  | 93  | 92  | 92   | 90   | 90   | 88   | 98          |
| Existing Cooling Towers (4)           | 106 | 102 | 98  | 93  | 87   | 84   | 80   | 73   | 95          |
| New Cooling Towers (4)                | 112 | 104 | 100 | 95  | 91   | 89   | 83   | 76   | 98          |
| Existing Emergency Generator          | 80  | 99  | 105 | 111 | 110  | 106  | 102  | 99   | 114         |
| Future Emergency Generator            | 80  | 99  | 105 | 111 | 110  | 106  | 102  | 99   | 114         |
| Total w/o Generator                   | 113 | 106 | 103 | 98  | 95   | 93   | 91   | 88   | 102         |
| Distance Attenuation                  | 57  | 57  | 57  | 57  | 57   | 57   | 57   | 57   |             |
| Net w/o Generator                     | 56  | 50  | 46  | 42  | 39   | 36   | 34   | 32   | 45          |
| Hospice Ambient                       | 51  | 51  | 47  | 41  | 40   | 33   | 23   | 14   | 45          |
|                                       |     |     |     |     |      |      |      |      |             |
| Total w/ Generator                    | 113 | 108 | 109 | 114 | 113  | 109  | 105  | 102  | 117         |
| Distance Attenuation                  | 57  | 57  | 57  | 57  | 57   | 57   | 57   | 57   |             |
| Net w/ Generator                      | 56  | 51  | 52  | 57  | 56   | 52   | 49   | 46   | 60          |
| Hospice Ambient                       | 51  | 51  | 47  | 41  | 40   | 33   | 23   | 14   | 45          |
| Tabulation from Cup to HospiceCare    |     |     |     |     |      |      |      |      |             |
|                                       | 63  | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | Overall dBA |
| 2x3 Atrium Smoke Fans - EMERGENCY     | 99  | 100 | 99  | 98  | 93   | 89   | 82   | 73   | 99          |
| 2x3 Atrium Smoke Fans - MIN           | 75  | 73  | 71  | 71  | 67   | 56   | 49   | 43   | 72          |
| East Fume Exhaust Fan                 | 99  | 94  | 93  | 87  | 85   | 80   | 74   | 68   | 91          |
| West Fume Exhaust Fan                 | 99  | 94  | 93  | 87  | 85   | 80   | 74   | 68   | 91          |
| Vivarium Exhaust Fan                  | 99  | 97  | 99  | 90  | 88   | 85   | 79   | 75   | 95          |
| Kitchen Grease Exhaust Fan Outlet Est | 82  | 86  | 80  | 77  | 77   | 72   | 65   | 61   | 81          |
| Dishwasher Exhaust Fan Outlet Est     | 79  | 77  | 77  | 71  | 68   | 65   | 61   | 57   | 75          |
| Total w/o smoke                       | 104 | 100 | 101 | 93  | 91   | 87   | 81   | 77   | 97          |
| Distance Attenuation                  | 57  | 57  | 57  | 57  | 57   | 57   | 57   | 57   |             |
| Net w/o smoke                         | 47  | 44  | 44  | 37  | 35   | 31   | 25   | 20   | 40          |
| Hospice Ambient                       | 51  | 51  | 47  | 41  | 40   | 33   | 23   | 14   | 45          |
|                                       |     |     |     |     |      |      |      |      |             |
| Total w/smoke                         | 105 | 103 | 103 | 99  | 95   | 91   | 85   | 78   | 101         |
| Distance Attenuation                  | 57  | 57  | 57  | 57  | 57   | 57   | 57   | 57   |             |
| Net w/o smoke                         | 48  | 46  | 46  | 42  | 38   | 34   | 28   | 21   | 44          |
| Hospice Ambient                       | 51  | 51  | 47  | 41  | 40   | 33   | 23   | 14   | 45          |



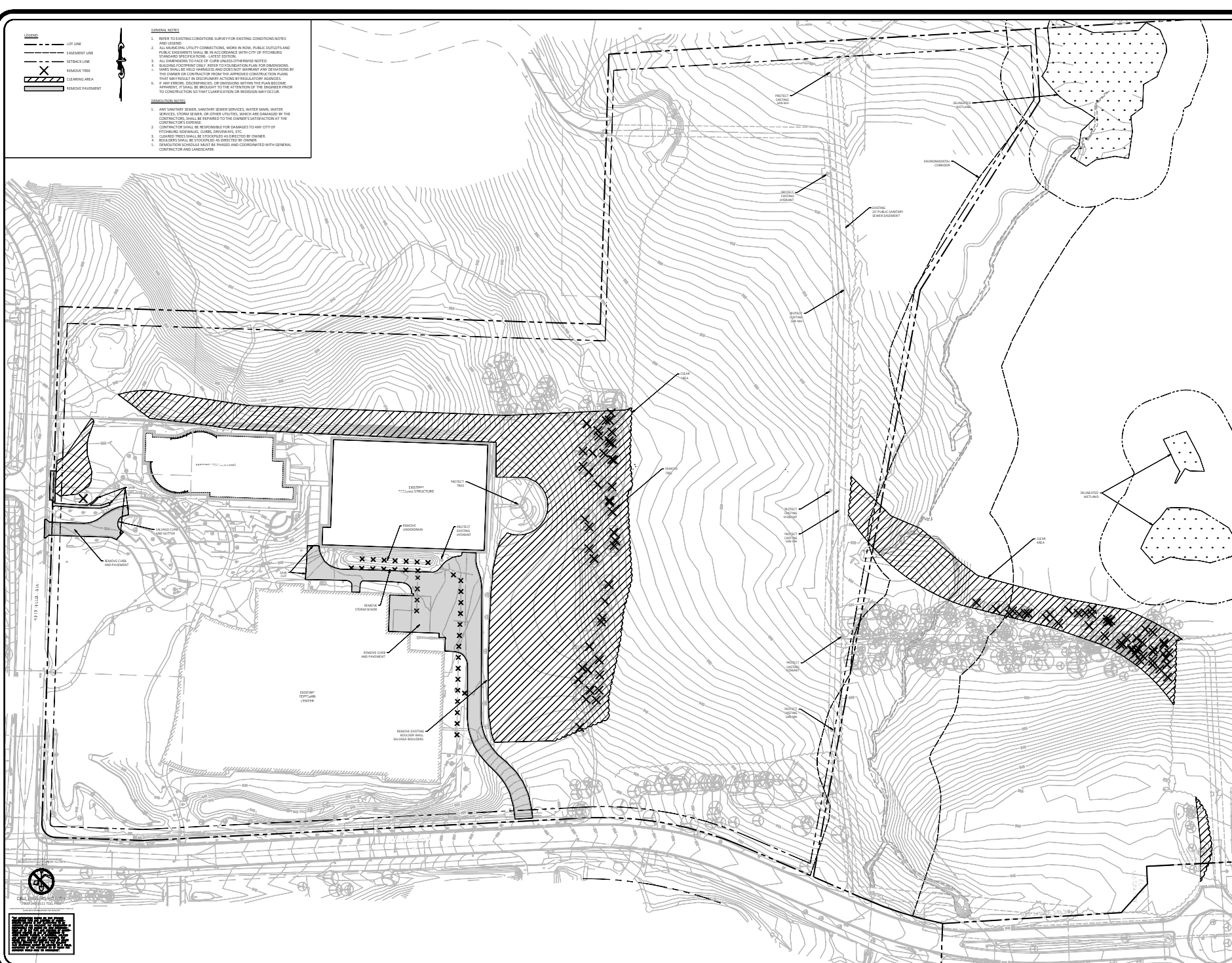






- GENERAL NOTES**
1. REFER TO EXISTING CONDITIONS SURVEY FOR EXISTING CONDITIONS NOTES AND LEGEND.
  2. ALL MUNICIPAL UTILITY CONNECTIONS, WORK IN ROW, PUBLIC OUTFALLS AND PUBLIC FACILITIES, SHALL BE IN ACCORDANCE WITH CITY OF FITCHBURG STANDARD SPECIFICATIONS - LATEST EDITION.
  3. ALL DIMENSIONS TO FACE OF CURB UNLESS OTHERWISE NOTED.
  4. BUILDING FOOTPRINT ONLY. REFER TO FOUNDATION PLAN FOR DIMENSIONS.
  5. NAMES SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER OR CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY REGULATORY AGENCIES.
  6. IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS WITHIN THE PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION.

- DEMOLITION NOTES:**
1. ANY SANITARY SEWER, SANITARY SEWER SERVICES, WATER MAIN, WATER SERVICES, STORM SEWER, OR OTHER UTILITIES, WHICH ARE DAMAGED BY THE CONTRACTORS, SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE CONTRACTORS' EXPENSE.
  2. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGES TO ANY CITY OF FITCHBURG SIDEWALKS, CURBS, DRIVEWAYS, ETC.
  3. CLEARED TREES SHALL BE STOCKPILED AS DIRECTED BY OWNER.
  4. BOLLARDS SHALL BE STOCKPILED AS DIRECTED BY OWNER.
  5. DEMOLITION SCHEDULE MUST BE PHASED AND COORDINATED WITH GENERAL CONTRACTOR AND LANDSCAPER.

[illegible]

**MONTGOMERY ASSOCIATES:  
RESOURCE SOLUTIONS, LLC**  
119 SOUTH MAIN ST  
COTTAGE GROVE, WI 53527  
[www.mta-rs.org](http://www.mta-rs.org)



## DEMOLITION PLAN

## NEW R&D BUILDING

City of Fitchburg  
Dane County, WI

PROMEGA CORPORATION

IF THIS BAR DOES NOT MEASURE 1"  
THEN DRAWING IS NOT TO SCALE



SCALE  
1" = 60'

|             |         |
|-------------|---------|
| PROJECT NO. | DATE    |
| 1789        | 5/22/18 |

SHEET NO.

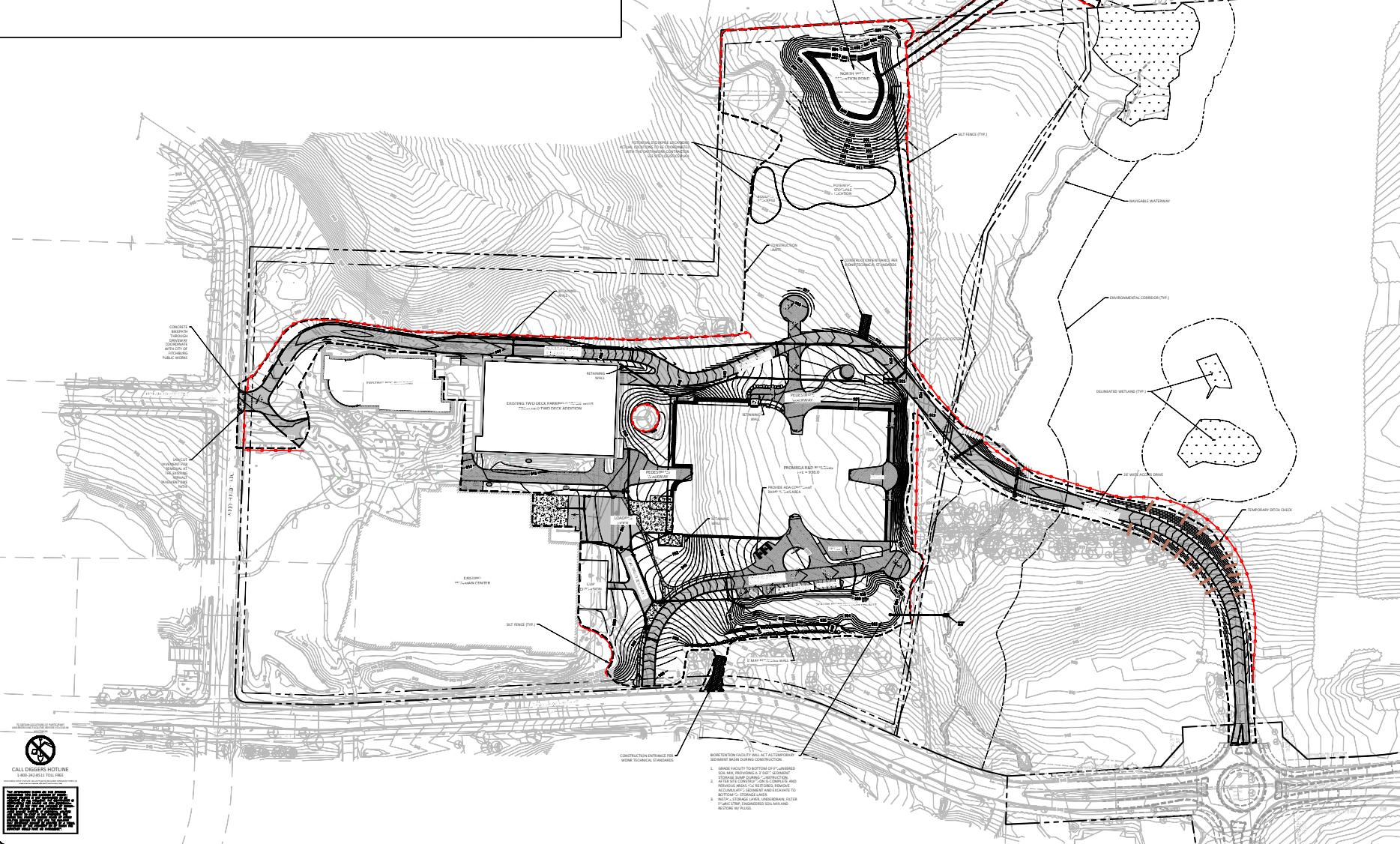
C200









[illegible]

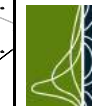








**MONTGOMERY ASSOCIATES:  
RESOURCE SOLUTIONS, LLC**  
1119 SOUTH MAIN ST  
COTTAGE GROVE, WI 53527  
[WWW.MTA-RES.COM](http://WWW.MTA-RES.COM)



IF THIS BAR DOES NOT MEASURE 1  
THEN DRAWING IS NOT TO SCALE

|                     |                 |
|---------------------|-----------------|
| SCALE<br>1" = 40'   |                 |
| PROJECT NO.<br>1789 | DATE<br>5/22/18 |
| SHEET NO.<br>C501   |                 |



**01** SILT FENCE

### MATERIAL NOTES

03 INLET PROTECTION, TYPE D

04  
0800

ROCK CHECK DAM

05 STONE TRACKING PAD

06 EROSION CONTROL MAT (SLOPES)

07 18" REJECT CURB AND GUTTER

08 18" STANDARD CURB AND GUTTER

14 STORM INLET

1. WISCONSIN DOT STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION, LATEST EDITION, INCLUDING SUPPLEMENT SPECIFICATIONS, BUT EXCLUDING LIMITATIONS IN SECTION 460.1.2 RESTRICTING LAYER THICKNESS BY AGGREGATE SIZE.
2. COMPACTION REQUIREMENTS:
  - BITUMINOUS CONCRETE: REFER TO SECTION 460-3
  - BASE COURSE: REFER TO SECTION 401.1.4.2, STANDARD COMPACTION
3. MIXTURE TYPE 6-0.3 BITUMINOUS PAVEMENT IS RECOMMENDED; REFER TO SECTION 460-TABLE 460-2 OF THE STANDARD SPECIFICATIONS.

15 CATCH E

**11** STANDARD PARKING LOT PAVER SECTION

12 CONCRETE FILLED STEEL BOLLARD

**STANDARD TRENCH COMPACTION**  
ALL BACKFILL MATERIAL SHALL BE PLACED IN LIFTS NOT TO EXCEED 12" BEFORE COMPACTION UNLESS AUTHORIZED BY THE ENGINEER DUE TO THE CHARACTER OF THE MATERIAL AND THE COMPACTING EQUIPMENT. EACH LIFT SHALL BE MECHANICALLY COMPACTED TO THE REQUIRED DENSITY PRIOR TO PLACING SUCCEEDING LIFTS OF BACKFILL MATERIAL.

16 SANITARY MANHOLE

17 STORM SEWER TRENCH

18 SANITARY SEWER AND WATER MAIN TRENCH

[illegible]

**MONTGOMERY ASSOCIATES:  
RESOURCE SOLUTIONS, LLC**  
19 SOUTH MAIN ST  
COTTAGE GROVE, WI 53527  
www.mia-fs.org



**DETAILS**

**NEW R&D BUILDING**  
City of Fitchburg  
Dane County, WI

IF THIS BAR DOES NOT MEASURE 1  
THEN DRAWING IS NOT TO SCALE



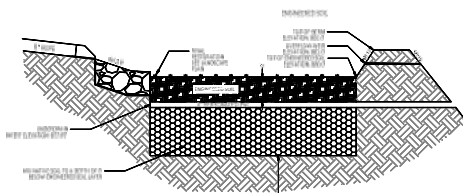
SCALE  
1 cm

|             |         |
|-------------|---------|
| PROJECT NO. | DATE    |
| 1789        | 5/22/18 |

SHEET NO.

C600

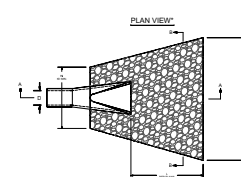
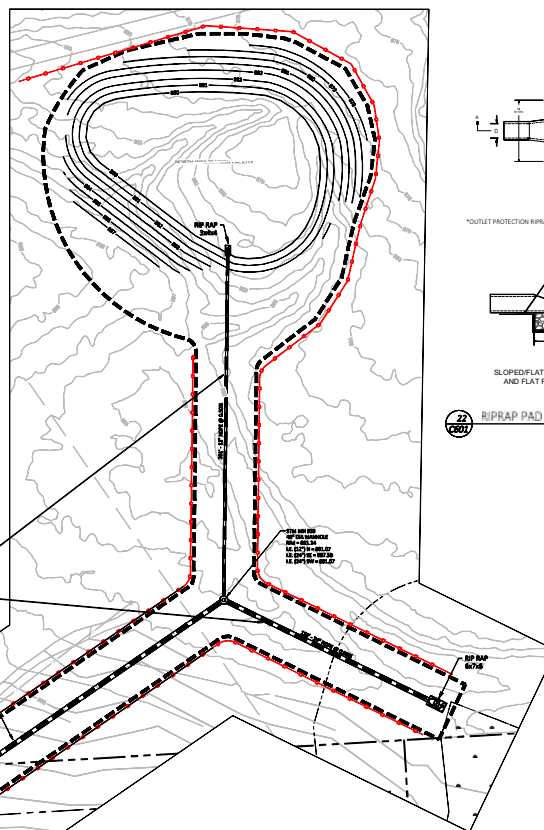
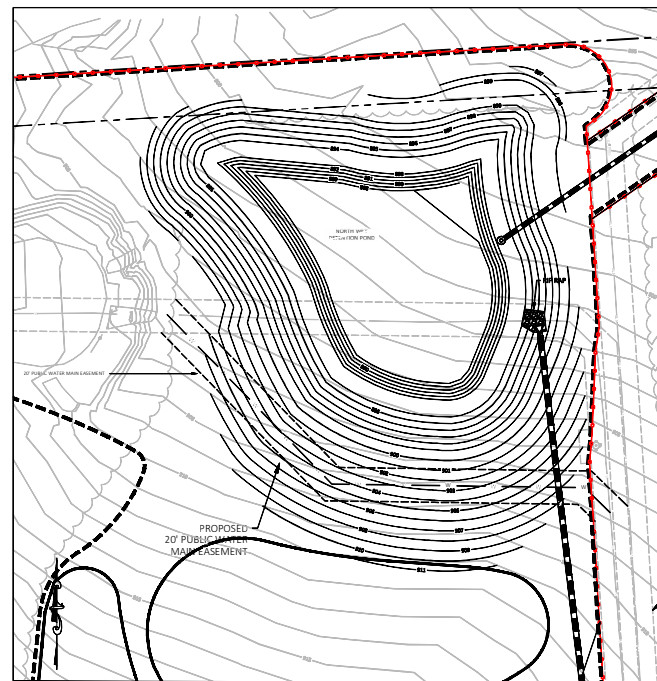
---



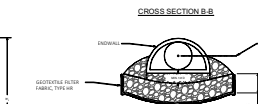
19  
C601



19  
001

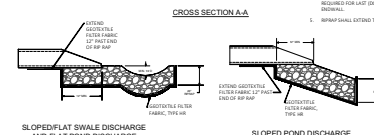


22 RIPRAP PAD



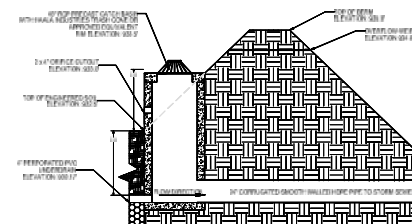
NOTES

1. RIBRAP SHALL BE W/ISOT SMALL RIB RAP FOR PIPES LESS THAN 12- INCHES IN DIAMETER AND W/ISOT MEDIUM RIB RAP FOR PIPES GREATER THAN OR EQUAL TO 12-INCHES IN DIAMETER.
2. RIBRAP SHALL BE INSTALLED PER THE REQUIREMENTS OF "STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION" (WISOT, 2003).
3. RIBRAP SHALL BE SHAPED TO CREATE A STEELING BASIN BEGINING DEPTH TO BE 5-FOOT BELOW PIPE INVERT FOR PIPES 30-INCH AND LARGER, 0.5-FOOT FOR SMALLER PIPES.
4. INSTALL END SECTION PER CITY OF FITCHBURG STANDARDS. TWO JOINT TIES ARE REQUIRED FOR EACH (DOWNSTREAM) TWO JOINTS ON ANY PIPE ENDING IN AN APPROX. ENDWALL.
5. RIBRAP SHALL EXTEND TO TOP OF GLOVE MEN.

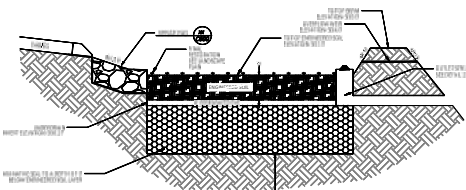


22 RIPRAP PAD

| Pipe Diameter | W <sub>2</sub> x L x D |
|---------------|------------------------|
| (10)          | (10)                   |
| 48            | 1.5 x 2 x              |
| 12            | 3 x 4 x 4              |
| 15            | 1.75 x 6 x             |
| 18            | 4.5 x 6 x              |
| 21            | 5.25 x 6 x             |
| 24            | 6 x 7 x 6              |
| 30            | 7.5 x 7 x 1            |
| 36            | 9 x 9 x 3              |
| 42            | 10.5 x 3 x             |



23 SOUTH BIORETENTION FACILITY OUTLET STRUCTURE



22 SOUTH BIORETENTION FACILITY SCHEMATIC



1. GRADE FACILITY TO BOTTOM OF ENGINEERED<sup>®</sup> LINER, PROVIDING A DEEP SEDIMENT STORAGE SLUMP DURING CONSTRUCTION.
2. AFTER SITE CONSTRUCTION<sup>®</sup> COMPLETES AND PERVIOUS AREAS ARE RESTORED, REMOVE A/C<sup>®</sup> UNSTABILIZED SEDIMENT AND EXCAVATE TO BOTTOM OF STORAGE LAYER.
3. INSTAL<sup>®</sup> STORAGE LAYER, UNDERLINER, FILTER FABRIC STRIP, ENGINEERED SOIL MIX AND RESTORE W/BLISS<sup>®</sup>

[illegible]

**MONTGOMERY ASSOCIATES:  
RESOURCE SOLUTIONS, LLC**  
19 SOUTH MAIN ST  
COTTAGE GROVE, WI 53527



## STORMWATER DETAILS

NEW R&amp;D BUILDING

City of Fitchburg  
Dane County, WI

PROMEGA CORPORATION

IF THIS BAR DOES NOT MEASURE 1  
THEN DRAWING IS NOT TO SCALE

|                     |                 |
|---------------------|-----------------|
| PROJECT NO.<br>1789 | DATE<br>5/22/18 |
|---------------------|-----------------|

SHEET NO.

C601

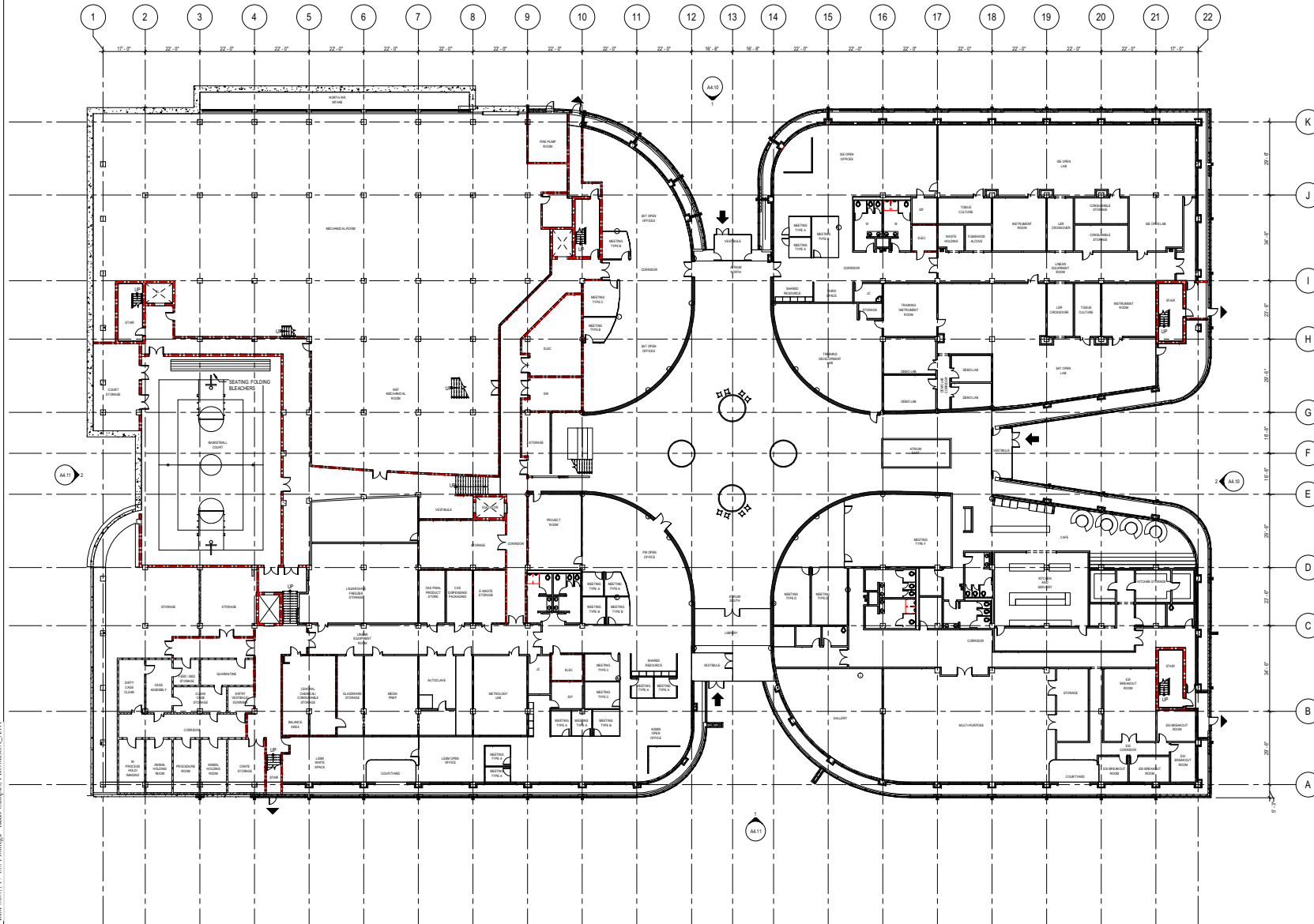


[illegible]

KENTUCKY  
OFFICE TREE







1 COMPOSITE PLAN - GROUND FLOOR  
SCALE: 1/8" = 1'-0"

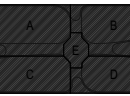
## GRAPHIC LEGEND

## GENERAL SHEET NOTES

- REFER TO THE A2.X SERIES SHEETS FOR ARCHITECTURAL GENERAL NOTES, DRAWING REFERENCE AND MATERIAL SYMBOLS, ABREVIATIONS, AS WELL AS DIMENSIONING CONVENTIONS USED ON THIS SHEET.
- FOR BASIC LIFE SAFETY AND CODE INFORMATION APPLYING TO THIS PROJECT, REFER TO THE 02.X SERIES SHEETS LOCATED PER THE PROJECT SHEET INDEX.
- REFER TO THE A3.X SERIES SHEETS FOR THE REFLECTED CEILING PLANS.
- REFER TO THE A4.X SERIES SHEETS FOR PARTITION SYSTEMS TYPES AND DETAILS.
- REFER TO THE A5.X SERIES SHEETS FOR THE INTERIOR OPENING SCHEDULE(S), TYPES, AND DETAILS.
- REFER TO THE A6.X SERIES SHEETS FOR INTERIOR FINISH INFORMATION.
- REFER TO THE A7.X AND A8.X SERIES SHEETS FOR TYPICAL ELEVATIONS.

SHEET NO.  
**A2.10.0**

KEY PLAN



URS  
UHLER | WILSON  
RAMLOW | STEIN

322 East Michigan Street  
Milwaukee, WI 53202  
414.271.8999  
office@uwhlrs.com  
www.uwhlrs.com

SMITHGROUP JJR



© UHLER, WILSON, RAMLOW & STEIN, INC.  
ALL RIGHTS RESERVED

THIS DOCUMENT IS THE PROPERTY OF URS, UHLER, WILSON, RAMLOW & STEIN, INC. AND IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREIN. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF URS, UHLER, WILSON, RAMLOW & STEIN, INC.

## REVISIONS

| No. | Date    | Description      |
|-----|---------|------------------|
| A   | 1/18/18 | SCHEMATIC DESIGN |
| B   | 1/18/18 | SCHEMATIC DESIGN |
| C   | 2/28/18 | ADP SUBMITTAL    |

**PRELIMINARY**  
NOT FOR CONSTRUCTION



PROMEGA - R&D  
BUILDING

SHEET  
COMPOSITE PLAN -  
GROUND FLOOR

DATE:

APRIL 18, 2018

PROJECT NO.

10468.000

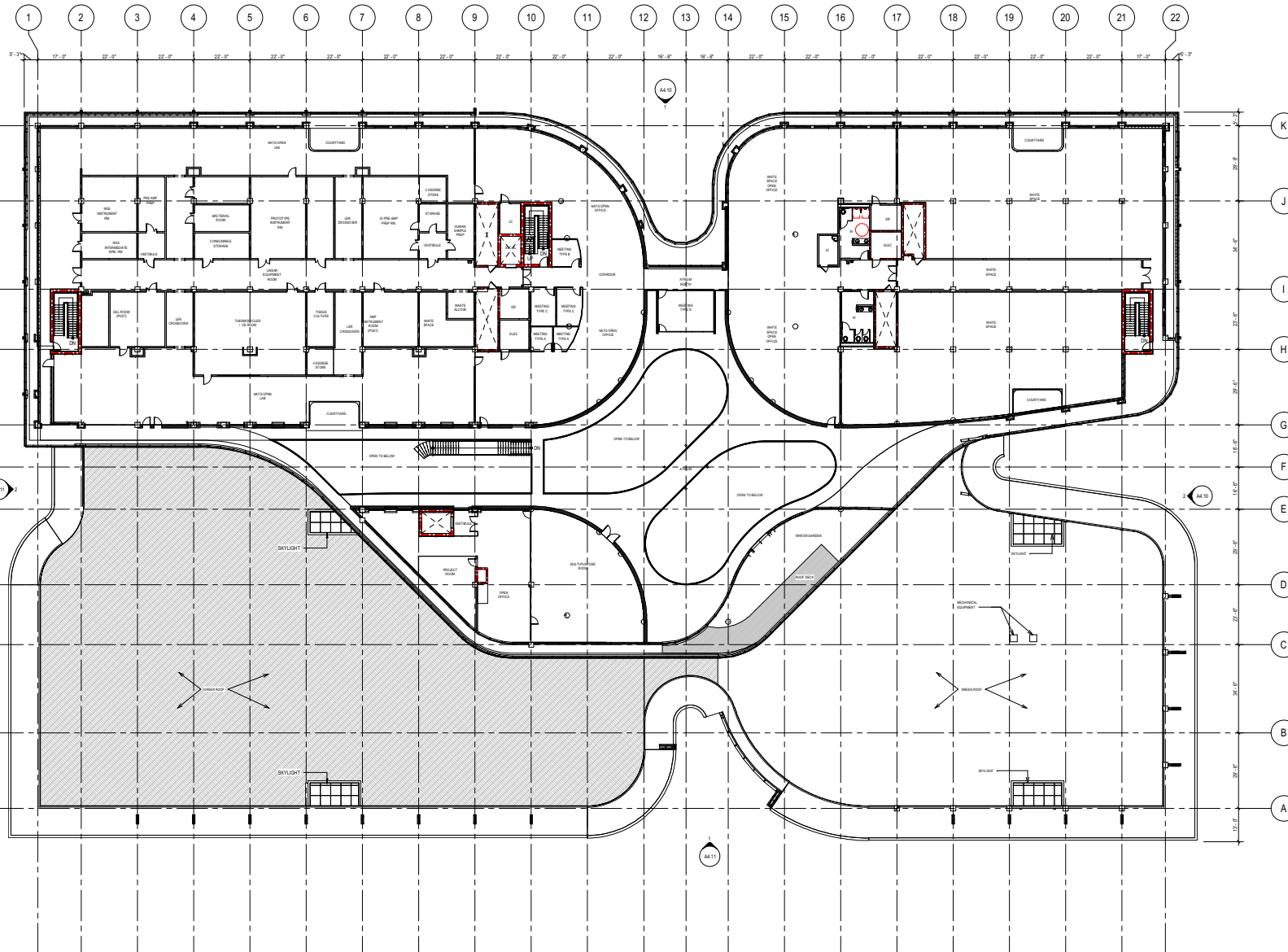
SHEET NO.

A2.10.0

PROJECT NORTH







1 COMPOSITE PLAN - SECOND FLOOR  
SCALE: 1/8"=1'-0"

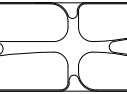
## GRAPHIC LEGEND

## GENERAL SHEET NOTES

- REFER TO THE A2.X SERIES SHEETS FOR ARCHITECTURAL GENERAL NOTES, DRAWING REFERENCE AND MATERIAL SYMBOLS, ABREVIATIONS, AS WELL AS DIMENSIONING CONVENTIONS USED ON THIS SHEET.
- FOR BASIC LIFE SAFETY AND CODE INFORMATION APPLYING TO THIS PROJECT, REFER TO THE A2.X SERIES SHEETS LOCATED PER THE PROJECT SHEET INDEX.
- REFER TO THE A2.X SERIES SHEETS FOR THE REFLECTED CEILING PLANE.
- REFER TO THE A2.X SERIES SHEETS FOR PARTITION SYSTEMS TYPES AND DETAILS.
- REFER TO THE A2.X SERIES SHEETS FOR THE INTERIOR OPENING SCHEDULES, TYPES, AND DETAILS.
- REFER TO THE A2.X SERIES SHEETS FOR INTERIOR FINISH INFORMATION.
- REFER TO THE A2.X AND A2.X SERIES SHEETS FOR TYPICAL ELEVATIONS.

SHEET NO.  
**A2.12.0**

KEY PLAN



**SMITHGROUP JJR**



© URS | WILSON | RAMLOW | STEIN | URS | WILSON, INC.  
ALL RIGHTS RESERVED

THIS DOCUMENT IS THE PROPERTY OF URS | WILSON, INC. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF URS | WILSON, INC.

## REVISIONS

| No. | Date    | Description      |
|-----|---------|------------------|
| A   | 17APR18 | SCHEMATIC DESIGN |
| B   | 17APR18 | SCHEMATIC DESIGN |
| C   | 22APR18 | ADP SUBMITTAL    |

**PRELIMINARY**  
NOT FOR CONSTRUCTION

PROJECT



**Promega**

**PROMEGA - R&D BUILDING**

SHEET

COMPOSITE PLAN - SECOND FLOOR

SHEET

COMPOSITE PLAN - SECOND FLOOR

DATE:

APRIL 18, 2018

PROJECT NO.

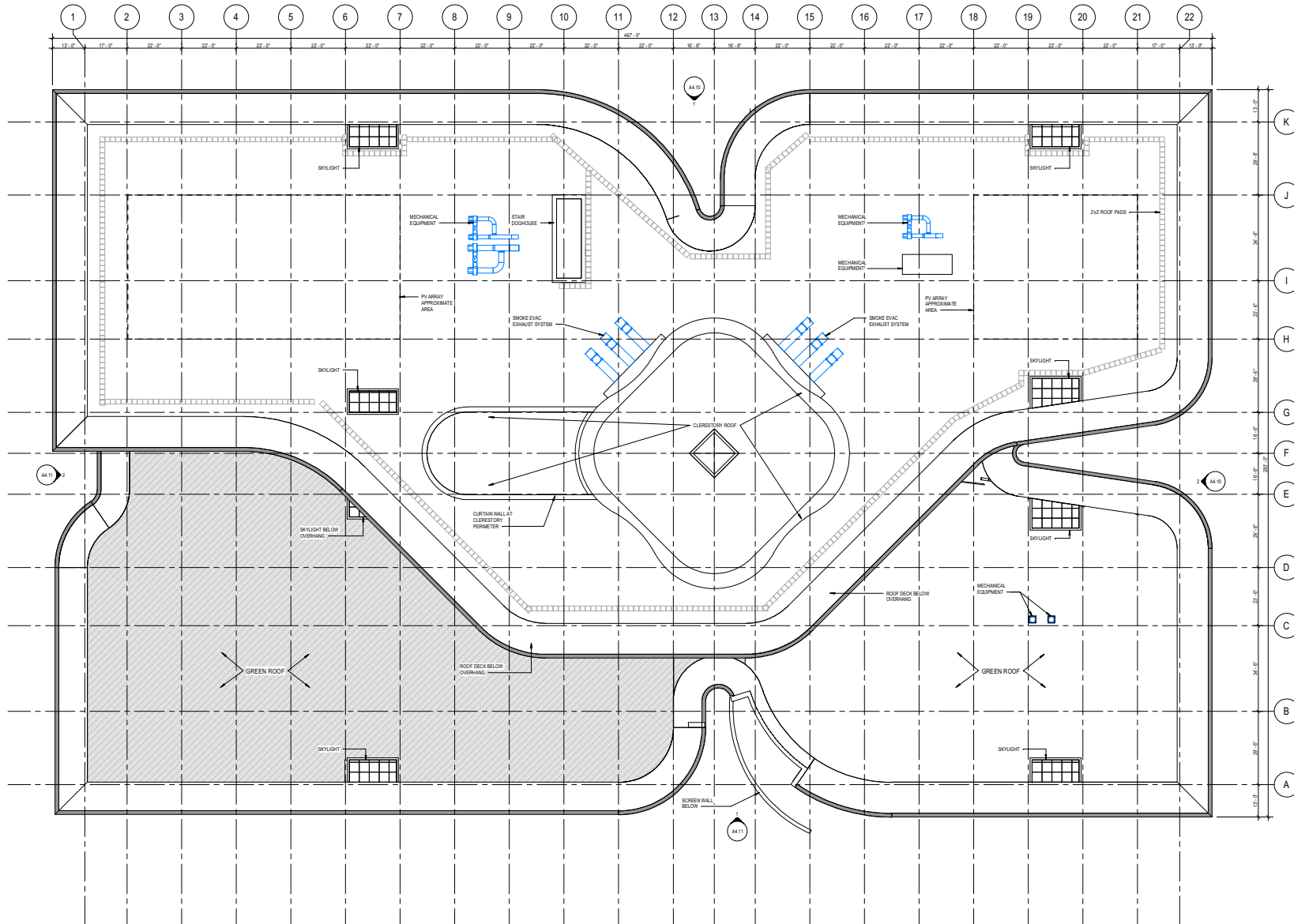
10468.000

SHEET NO.

**A2.12.0**







1 COMPOSITE PLAN - ROOF LEVEL  
SCALE: 1/8" = 1'-0"

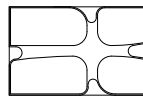
## GENERAL SHEET NOTES

- REFER TO THE A2.X SERIES SHEETS FOR ARCHITECTURAL GENERAL NOTES, DRAWING REFERENCE AND MATERIAL SYMBOLS, ABBREVIATIONS, AS WELL AS DIMENSIONING CONVENTIONS USED ON THIS SHEET.
- FOR BASIC LIFE SAFETY AND CODE INFORMATION APPLYING TO THIS PROJECT, REFER TO THE A2.X SERIES SHEETS LOCATED PER THE PROJECT SHEET INDEX.
- REFER TO THE A2.X SERIES SHEETS FOR THE REFLECTED CEILING PLANS.
- REFER TO THE A2.X SERIES SHEETS FOR PARTITION SYSTEMS TYPES AND DETAILS.
- REFER TO THE A2.X SERIES SHEETS FOR THE INTERIOR OPENING SCHEDULE(S), TYPES, AND DETAILS.
- REFER TO THE A2.X SERIES SHEETS FOR INTERIOR FINISH INFORMATION.
- REFER TO THE A2.X AND A2.X SERIES SHEETS FOR TYPICAL ELEVATIONS.

SHEET NO.

**A2.13.0**

KEY PLAN



**SMITHGROUP JJR**



© URS | WILSON | RAMLOW | STEIN  
ARCHITECTS, INC.  
ALL RIGHTS RESERVED

CONSTRUCTION OF THIS SHEET  
The drawings and the data and design are prepared by the  
architect and are not to be used for any other purpose  
without the written consent of the architect.

| NO. | DATE    | DESCRIPTION      |
|-----|---------|------------------|
| A   | 1/18/18 | SCHEMATIC DESIGN |
| B   | 1/18/18 | SCHEMATIC DESIGN |
| C   | 2/28/18 | ADP SUBMITTAL    |

REVISIONS

**PRELIMINARY**  
NOT FOR CONSTRUCTION

PROJECT



**PROMEGA - R&D BUILDING**

SHEET  
COMPOSITE PLAN -  
ROOF LEVEL

DATE:

APRIL 18, 2018

PROJECT NO.

10468.000

SHEET NO.

**A2.13.0**





2 OVERALL EXTERIOR BUILDING 3D VIEW - SW  
SCALE: 1/32" = 1'-0"

## GRAPHIC LEGEND

|  |                                                                     |
|--|---------------------------------------------------------------------|
|  | EXTERIOR WINDOW FRAME<br>WALL ANNOTATION: REFER TO<br>DRAWING A4.02 |
|  | ROOF ASSEMBLY: REFER TO<br>DRAWING A4.02                            |
|  | EXTERIOR<br>PENETRATION SYSTEM<br>REFER TO DRAWING A4.02            |
|  | INTERIOR<br>PENETRATION SYSTEM<br>REFER TO DRAWING A4.02            |
|  | GLASS TYPE: REFER TO SPECIFICATION<br>SECTION 050500 - GLAZING      |
|  | VISION GLASS                                                        |
|  | VISION GLASS WITH SHADOW BOX                                        |

## GENERAL SHEET NOTES

- REFER TO THE A4.02 SERIES SHEETS FOR ARCHITECTURAL GENERAL NOTES, DRAWING REFERENCE AND MATERIAL SYMBOLS ABBREVIATIONS, AS WELL AS DIMENSIONING CONVENTIONS USED ON THIS SHEET.
- REFER TO AND COORDINATE WITH STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL FOR ADDITIONAL INFORMATION NOT SHOWN ON THIS SHEET.
- REFER TO AND COORDINATE WITH CIVIL DRAWINGS FOR ALL FINISH GRADES.
- REFER TO THE A4.02 SERIES SHEETS FOR ENLARGED EXTERIOR ELEVATIONS.
- REFER TO THE A4.02 SERIES SHEETS FOR EXTERIOR WINDOW AND DOOR FRAME ELEVATIONS.
- VERTICAL ELEVATIONS ON THESE DRAWINGS ARE SHOWN RELATIVE TO THE FINISH FLOOR DESIGN REFERENCE ELEVATION UNLESS OTHERWISE NOTED. REFER TO THE "REFERENCE ELEVATION DEFINITIONS" LOCATED IN THE G4 SERIES SHEETS.
- FOR BASIC LIFE SAFETY AND CODE INFORMATION APPLYING TO THIS PROJECT, REFER TO THE G4 SERIES SHEETS LOCATED PER THE PROJECT SHEET INDEX.
- REFER TO THE A4.02 SERIES SHEETS FOR ASSEMBLY TYPE DESIGNATIONS.
- REFER TO THE A4.02 SERIES SHEETS FOR THE INTERIOR FINISH INFORMATION.
- REFER TO THE S4 SERIES DRAWINGS FOR CMU REINFORCING AND GROUTING REQUIREMENTS.
- PROJECT ELEVATION OF 100'-0" CORRESPONDS TO THE SITE ELEVATION OF 880.51 FT. REFER TO CIVIL FOR FURTHER INFORMATION.
- FOR ANY SHEET KEYNOTES (BMC) DO NOT APPEAR IN THE LEGEND ON THIS SHEET. REFER TO A4.02 FOR A SHEET KEYNOTE SUMMARY.

## ASSEMBLY LEGEND

SHEET NO.  
**xA4.02**  
KEY PLAN

**U W R S**  
UHLERIN | WILSON  
RAMLOW | STEIN  
ARCHITECTS  
322 East Michigan Street  
Milwaukee, WI 53202  
414.271.8899  
office@uhlerrwilson.com  
www.uhlerrwilson.com

SMITHGROUP JJR



UHLERIN, WILSON, RAMLOW & STEIN  
ARCHITECTS, INC.  
ALL RIGHTS RESERVED

CONTRACTORS OF RECORDS  
The drawings and the data and design are prepared by the  
architect and are not to be used for any other purpose  
without the written consent of the architect.

| REV. | DATE       | DESCRIPTION       |
|------|------------|-------------------|
| 1    | 04/18/2018 | ISSUED FOR PERMIT |

**PRELIMINARY**  
NOT FOR CONSTRUCTION

## REFERENCE KEYNOTES

PROJECT

**Promega**  
PROMEGA - R&D  
BUILDING

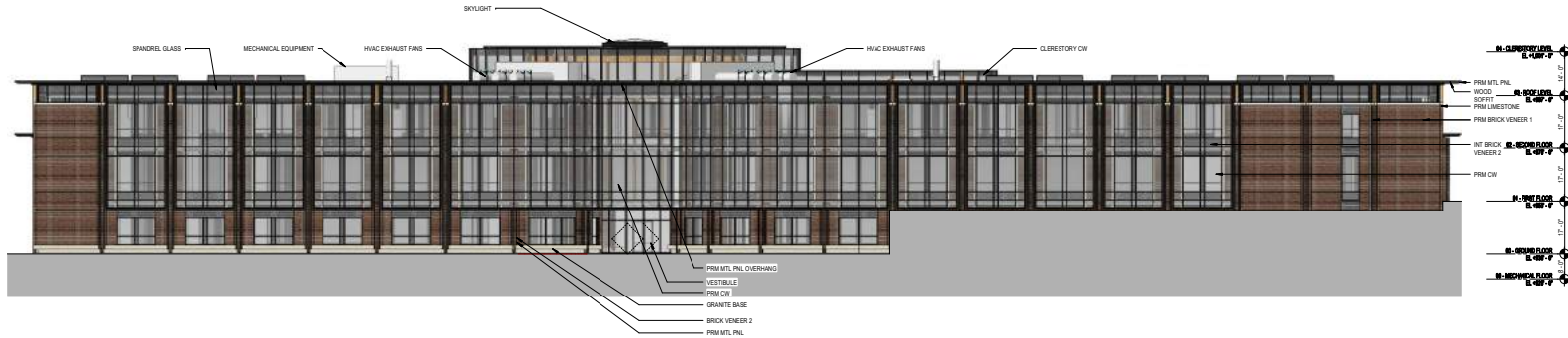
SHEET  
OVERALL EXTERIOR  
BUILDING 3D VIEW

DATE  
APRIL 18, 2018

PROJECT NO.  
10468.000

SHEET NO.  
**A4.02**

1 OVERALL BUILDING ELEVATION - NORTH  
SCALE: 1/8" = 1'-0"



2 OVERALL BUILDING ELEVATION - EAST  
SCALE: 1/8" = 1'-0"



## GRAPHIC LEGEND

|      |                                                                 |
|------|-----------------------------------------------------------------|
| AW   | EXTERIOR ABOVE GRADE WALL ASSEMBLY. REFER TO DRAWING ALX SERIES |
| ROOF | ROOF ASSEMBLY. REFER TO DRAWING ALX SERIES                      |
| EX   | EXTERIOR FENESTRATION SYSTEM. REFER TO DRAWING ALX              |
| INT  | INTERIOR FENESTRATION SYSTEM. REFER TO DRAWING ALX              |
| GL   | GLASS TYPE. REFER TO SPECIFICATION SECTION 05050 - GLASS        |
| VG   | VIEW GLASS                                                      |
| VGW  | VIEW GLASS WITH WINDOW BOX                                      |

## GENERAL SHEET NOTES

- REFER TO THE ALX SERIES SHEETS FOR ARCHITECTURAL GENERAL NOTES, DRAWING REFERENCE AND MATERIAL SYMBOLS ABBREVIATION, AS WELL AS DIMENSIONING CONVENTIONS USED ON THIS SHEET.
- REFER TO AND COORDINATE WITH STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL FOR ADDITIONAL INFORMATION NOT SHOWN ON THIS SHEET.
- REFER TO AND COORDINATE WITH CIVIL DRAWINGS FOR ALL FINISH GRADES.
- REFER TO THE ALX.XX SERIES SHEETS FOR ENLARGED EXTERIOR ELEVATIONS.
- REFER TO THE ALX.XX SERIES SHEETS FOR EXTERIOR WINDOW AND CURTAIN FRAME ELEVATIONS.
- VERTICAL ELEVATIONS ON THESE DRAWINGS ARE SHOWN RELATIVE TO THE FINISH FLOOR DESIGN REFERENCE ELEVATION UNLESS OTHERWISE NOTED. REFER TO THE "REFERENCE ELEVATION DEFINITIONS" LOCATED IN THE GI SERIES SHEETS.
- FOR BASIC LIFE SAFETY AND CODE INFORMATION APPLYING TO THIS PROJECT, REFER TO THE IF SERIES SHEETS LOCATED PER THE PROJECT SHEET INDEX.
- REFER TO THE ALX.XX SERIES SHEETS FOR ASSEMBLY TYPE DESIGNATIONS.
- REFER TO THE IF SERIES SHEETS FOR THE INTERIOR FINISH INFORMATION.
- REFER TO THE S-SERIES DRAWINGS FOR CMU REINFORCING AND CASTING REQUIREMENTS.
- PRIEST ELEVATION OF 100'-0" CORRESPONDS TO THE SITE ELEVATION OF 100.51 FT. REFER TO CIVIL FOR FURTHER INFORMATION.
- FOR ANY SHEET KEYNOTES WHICH DO NOT APPEAR IN THE LOCATION ON THIS SHEET, REFER TO SHEET KEYNOTE SUMMARY.

## ASSEMBLY LEGEND

UW R S  
UHLIN | WILSON  
RAMLOW | STEIN  
322 East Michigan Street  
Ann Arbor, MI 48106  
414.271.8899  
office@uwhlin-wilson.com  
www.uwhlin-wilson.com

SMITHGROUP JJR

NOTE

TRANS  
SOLAR  
SOLAR SOLUTIONS

AEI

AEI

KRAEMER

UHLIN | WILSON | RAMLOW | STEIN  
ARCHITECTS, INC.  
ALL RIGHTS RESERVED

CONTRIBUTOR OF GRAPHIC ELEMENTS  
This document and the ideas and designs incorporated herein  
are the property of UHLIN | WILSON | RAMLOW | STEIN, INC. and are not  
to be used, copied, or reproduced in any form without the written  
consent of UHLIN | WILSON | RAMLOW | STEIN, INC.

## REVISIONS

| NO. | DATE       | DESCRIPTION       |
|-----|------------|-------------------|
| 1   | 04/18/2018 | ISSUED FOR PERMIT |

PRELIMINARY  
NOT FOR CONSTRUCTION

PROJECT

Promega

PROMEGA - R&D  
BUILDING

SHEET  
OVERALL BUILDING  
ELEVATIONS - NORTH &  
EAST

DATE

APRIL 18, 2018

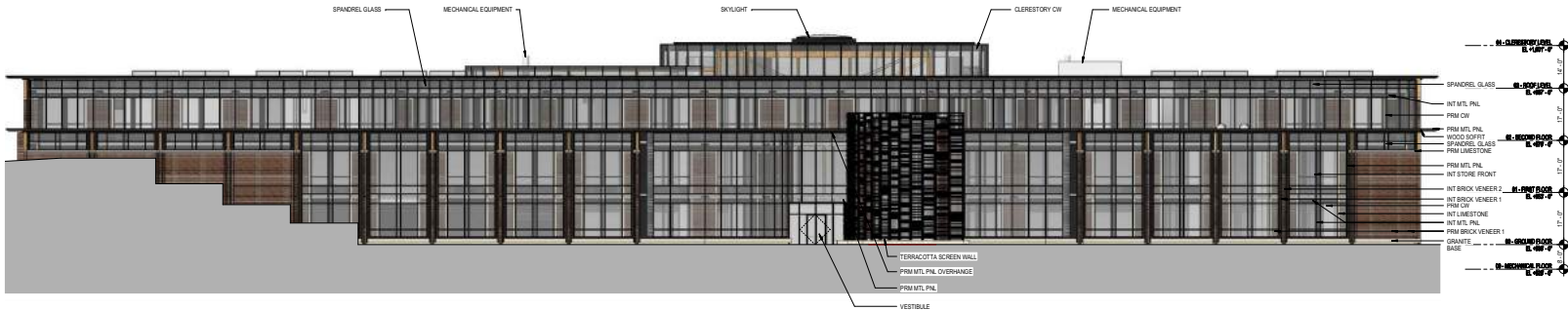
PROJECT NO.  
10468.000

SHEET NO.

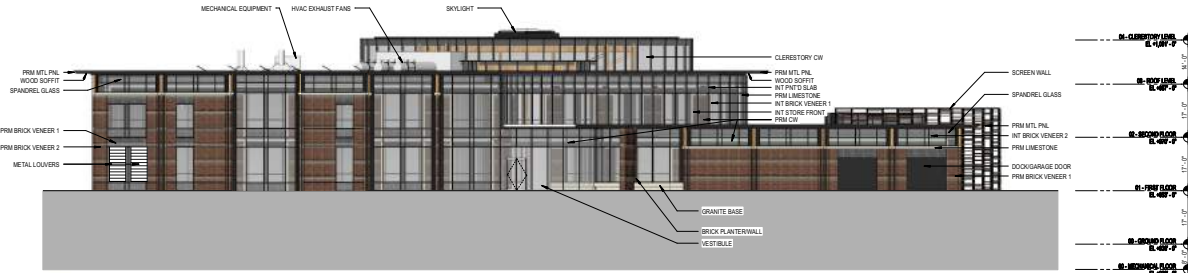
A4.10



1 OVERALL BUILDING ELEVATION - SOUTH  
SCALE: 1/8" = 1'-0"



2 OVERALL BUILDING ELEVATION - WEST  
SCALE: 1/8" = 1'-0"



## GRAPHIC LEGEND

|    |                                                                 |
|----|-----------------------------------------------------------------|
| AW | EXTERIOR ABOVE GRADE WALL ASSEMBLY. REFER TO DRAWING ALX SERIES |
| AW | ROOF ASSEMBLY. REFER TO DRAWING ALX SERIES                      |
| EX | EXTERIOR FENESTRATION SYSTEM. REFER TO DRAWING ALX              |
| IN | INTERIOR FENESTRATION SYSTEM. REFER TO DRAWING ALX              |
| GL | GLASS TYPE REFER TO SPECIFICATION SECTION 05050 - GLASS         |
| VG | VIEW GLASS                                                      |
| VG | VIEW GLASS WITH SHADOW BOX                                      |

## GENERAL SHEET NOTES

- REFER TO THE A0.X SERIES SHEETS FOR ARCHITECTURAL GENERAL NOTES, DRAWING REFERENCE AND MATERIAL SYMBOLS ABBREVIATIONS, AS WELL AS DIMENSIONING CONVENTIONS USED ON THIS SHEET.
- REFER TO A00 AND COORDINATE WITH STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL FOR ADDITIONAL INFORMATION NOT SHOWN ON THIS SHEET.
- REFER TO A00 AND COORDINATE WITH CIVIL DRAWINGS FOR ALL FINISH GRADES.
- REFER TO THE A0.X.XX SERIES SHEETS FOR ENLARGED EXTERIOR ELEVATIONS.
- REFER TO THE A0.X.XX SERIES SHEETS FOR EXTERIOR WINDOW AND DOOR FRAME ELEVATIONS.
- VERTICAL ELEVATIONS ON THESE DRAWINGS ARE SHOWN RELATIVE TO THE FINISH FLOOR DESIGN REFERENCE ELEVATION UNLESS OTHERWISE NOTED. REFER TO THE "REFERENCE ELEVATION DEFINITIONS" LOCATED IN THE G1 SERIES SHEETS.
- FOR BASIC LIFE SAFETY AND CODE INFORMATION APPLYING TO THIS PROJECT, REFER TO THE G1 SERIES SHEETS LOCATED PER THE PROJECT SHEET INDEX.
- REFER TO THE A0.X.XX SERIES SHEETS FOR ASSEMBLY TYPE DESIGNATIONS.
- REFER TO THE A0.XX SERIES SHEETS FOR THE INTERIOR FINISH INFORMATION.
- REFER TO THE S-SERIES DRAWINGS FOR DOWEL REINFORCING AND CROUTING REQUIREMENTS.
- PROJECT ELEVATION OF 100' 0" CORRESPONDS TO THE SITE ELEVATION OF 880.51 FT. REFER TO CIVIL FOR FURTHER INFORMATION.
- FOR ANY SHEET KEYNOTES WHICH DO NOT APPEAR IN THE LOCATION ON THIS SHEET, REFER TO A00 FOR A SHEET KEYNOTE SUMMARY.

## ASSEMBLY LEGEND

OWILHEIN | WILSON | RAMLOW | STEIN  
ARCHITECTS, P.C.  
ALL RIGHTS RESERVED  
OWNERSHIP OF DOCUMENTS  
This document and the ideas and designs contained herein are the property of OWILHEIN | WILSON | RAMLOW | STEIN ARCHITECTS, P.C. and shall not be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of OWILHEIN | WILSON | RAMLOW | STEIN ARCHITECTS, P.C.

| REV | DATE      | DESCRIPTION |
|-----|-----------|-------------|
| A   | 10/1/2017 | CHANGING    |
| B   | 10/1/2017 | CHANGING    |
| C   | 10/1/2017 | CHANGING    |

## REFERENCE KEYNOTES

NOTES:  
PRM - PRIMARY EXTERIOR ELEVATION  
INT - INTERIOR ELEVATION  
CWA - STOCK ASSEMBLED CURTAIN WALL  
WCA - STOCK ASSEMBLED CURTAIN WALL  
STORE FRONT - 4-SERIES CAPTURE  
MTL PNL - ALUMINUM PANELED ALUMINUM PLATE  
BRICK VENEER 1 - LIGHT COLOR  
BRICK VENEER 2 - DARK COLOR  
GRANITE BASE - BUFF COLOR

SHEET NO.  
**xA4.11**  
KEY PLAN

**UW**  
**R S**  
OWILHEIN | WILSON |  
RAMLOW | STEIN  
ARCHITECTS, P.C.  
322 East Michigan Street  
Ann Arbor, MI 48106  
414.271.8899  
office@owilhein-wilson.com  
www.owilhein-wilson.com

**SMITHGROUP JJR**



OWILHEIN | WILSON | RAMLOW | STEIN  
ARCHITECTS, P.C.  
ALL RIGHTS RESERVED  
OWNERSHIP OF DOCUMENTS  
This document and the ideas and designs contained herein are the property of OWILHEIN | WILSON | RAMLOW | STEIN ARCHITECTS, P.C. and shall not be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of OWILHEIN | WILSON | RAMLOW | STEIN ARCHITECTS, P.C.

**PRELIMINARY**  
NOT FOR CONSTRUCTION



**PROMEGA - R&D  
BUILDING**

SHEET  
OVERALL BUILDING  
ELEVATIONS - SOUTH &  
WEST

DATE:  
APRIL 18, 2018  
PROJECT NO.  
10468.000  
SHEET NO.

**A4.11**



UHLERIN | WILSON  
RAMLOW | STEIN  
322 East Michigan Street  
Milwaukee, WI 53202  
414.271.8999  
office@uhlerrwilson.com  
www.uhlerrwilson.com

**SMITHGROUP JR**



UHLERIN | WILSON | RAMLOW | STEIN  
ARCHITECTS, INC.  
ALL RIGHTS RESERVED

CONTRACTOR OF RECORDS  
The drawings and the plan and design are prepared by the architect and are not to be used for any other purpose without the written consent of the architect.

REVISIONS

No. Date Description

**PRELIMINARY**  
NOT FOR CONSTRUCTION

PROJECT



**PARKING  
STRUCTURE**

SHEET  
PLANS

DATE:

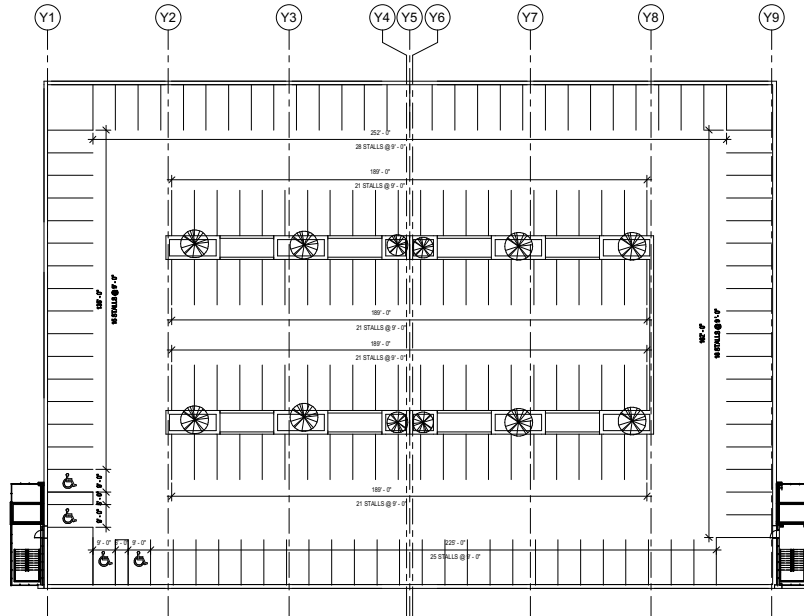
5/22/18

PROJECT NO.

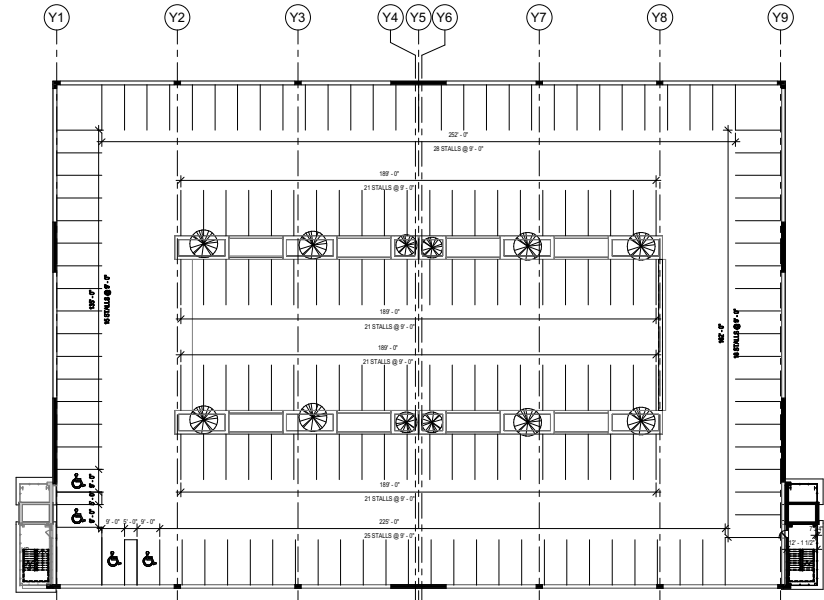
17-133

SHEET NO.

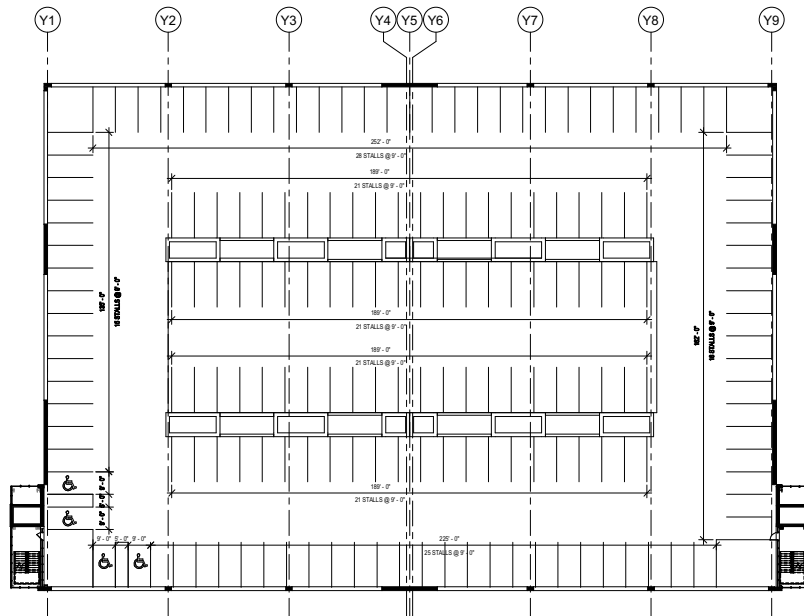
A100



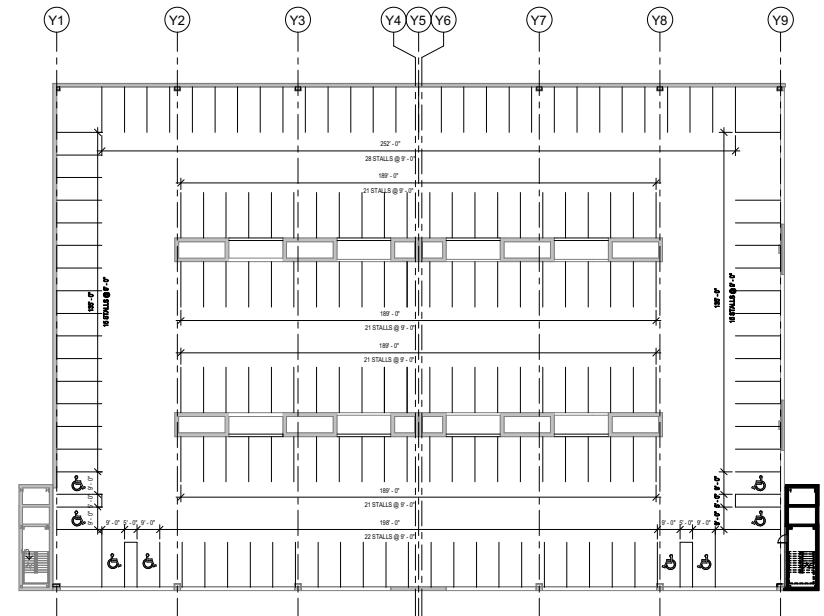
NEW - THIRD LEVEL  
1" = 20'-0"



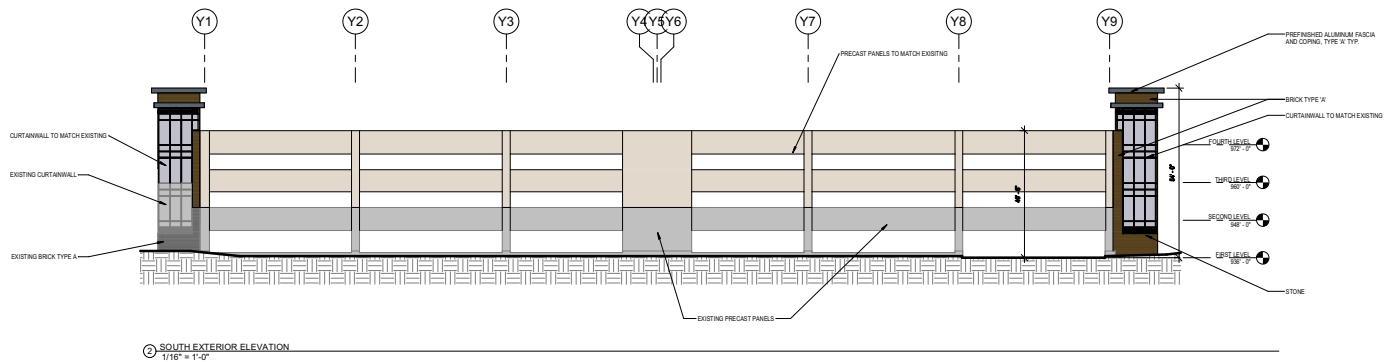
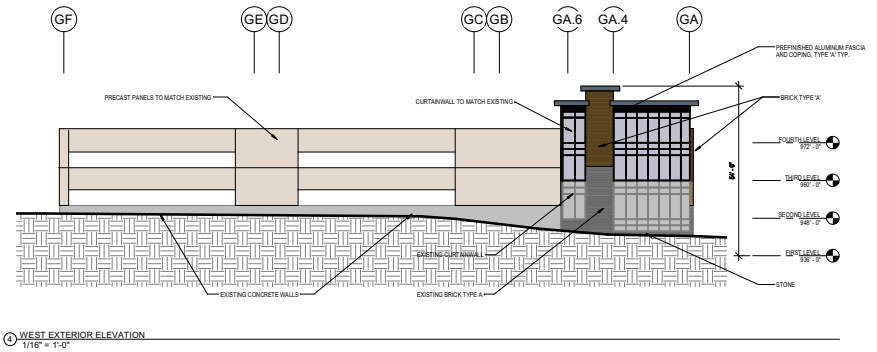
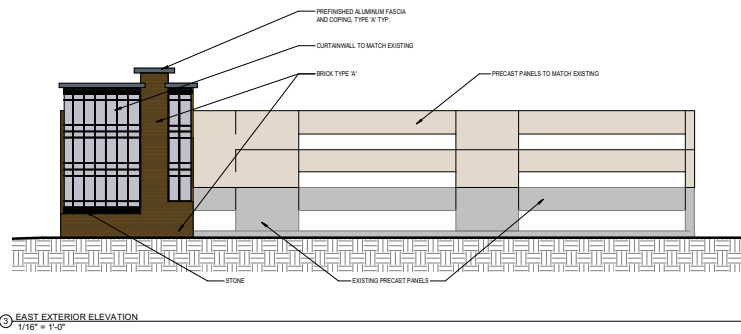
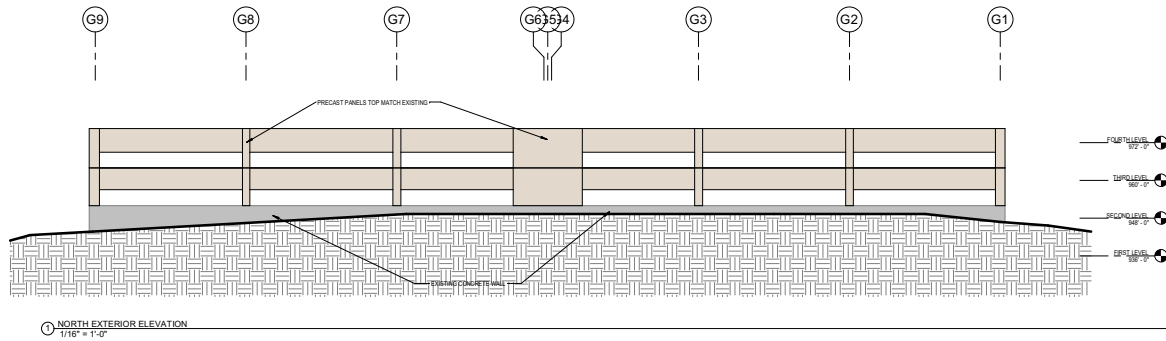
EXISTING - FIRST LEVEL  
1" = 20'-0"



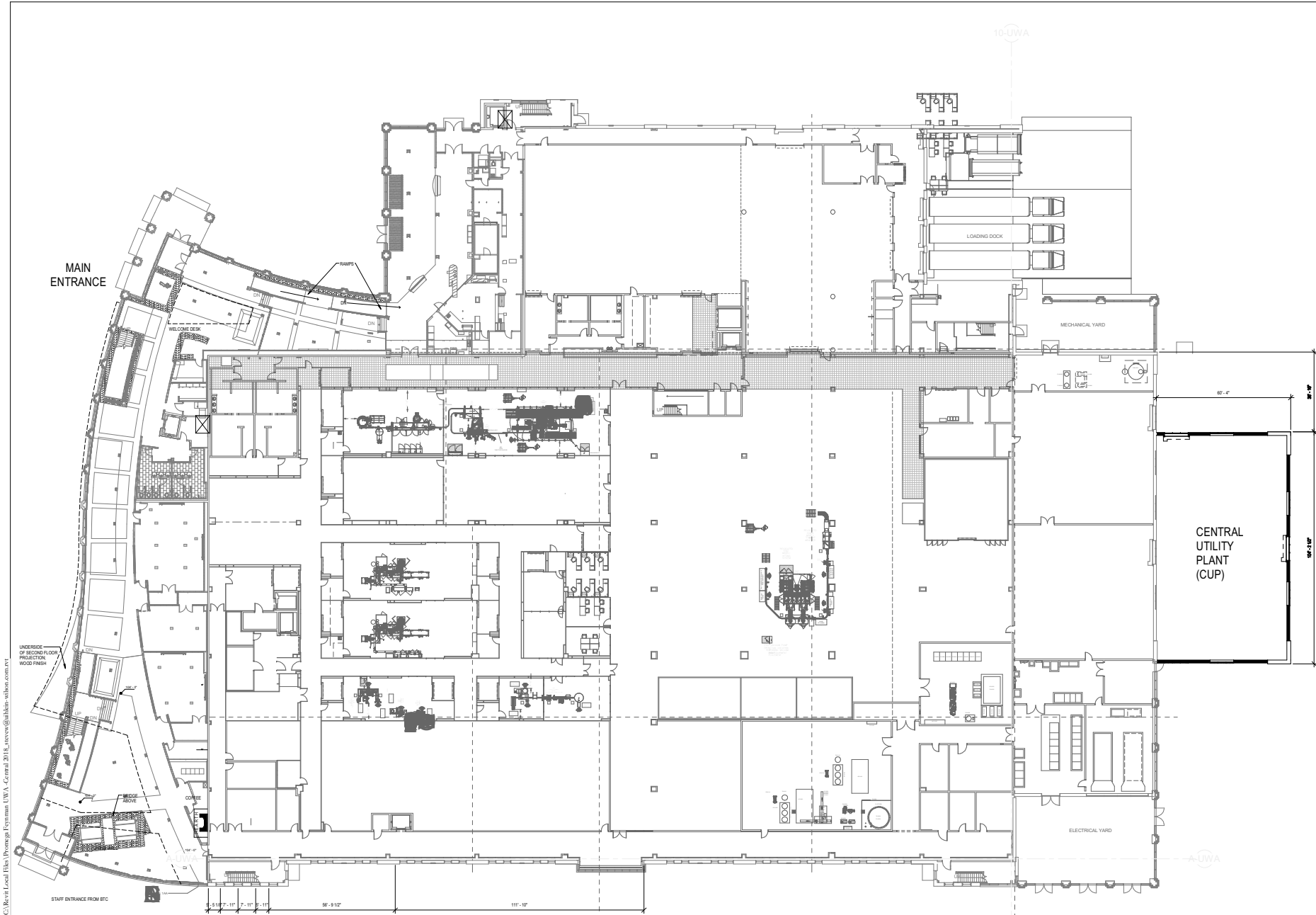
NEW - SECOND LEVEL  
1" = 20'-0"



EXISTING - GROUND  
1" = 20'-0"



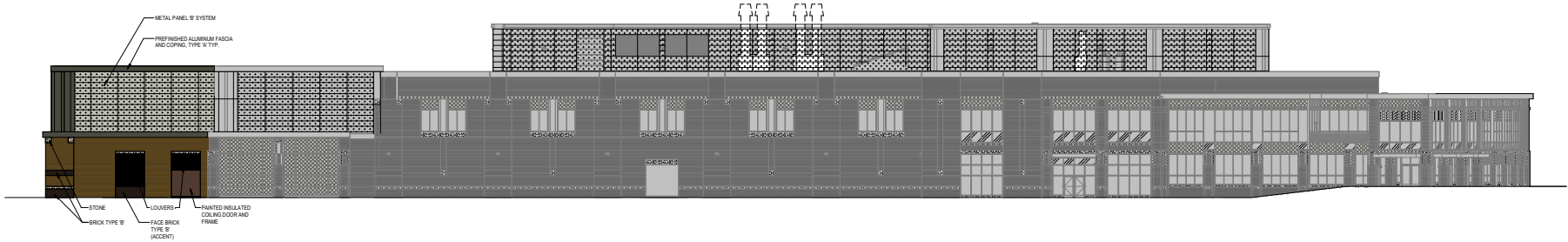




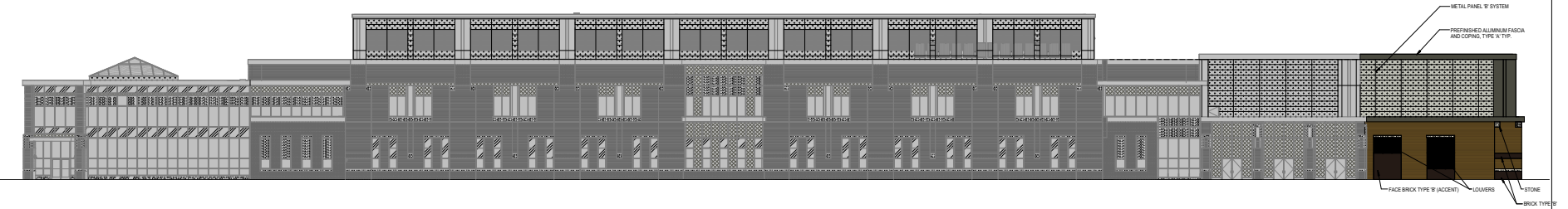
① Level 1 - Presentation  
1/16" = 1'-0"

5/22/2018 1:46:49 PM C:\Revit Local Files\Promega Feynman UWA -Central 2018\_steve@uihlein-wilson.com.rvt

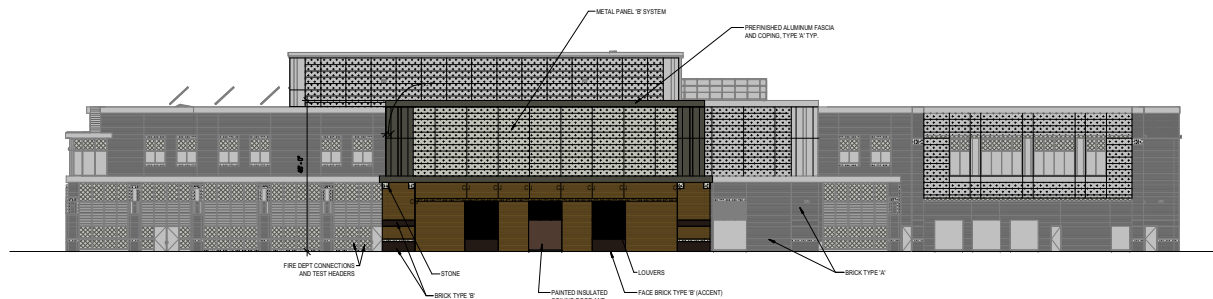




2 NORTH ELEVATION  
1/16" = 1'-0"

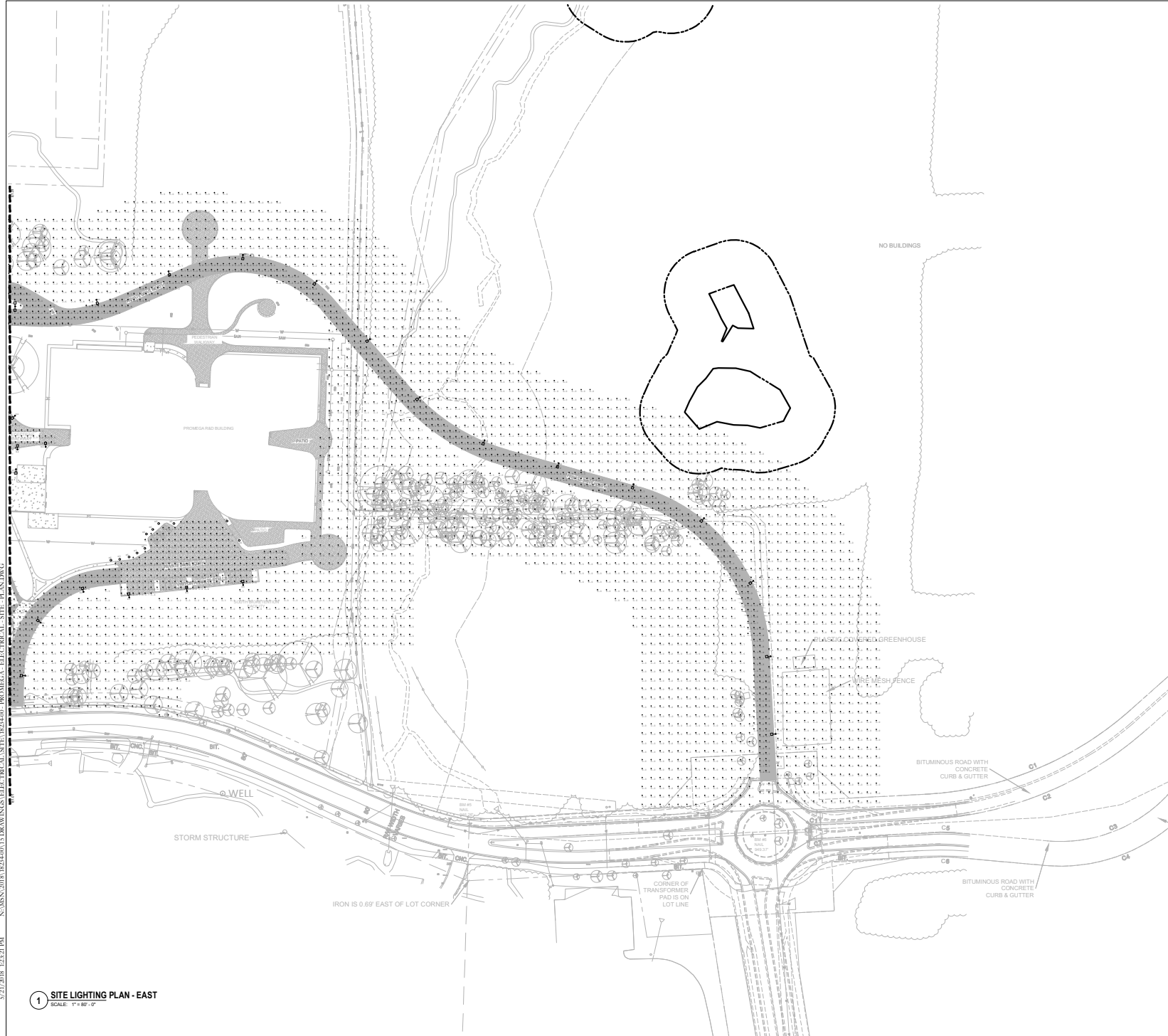


1 SOUTH ELEVATION  
1/16" = 1'-0"



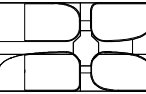
3 East - Color  
1/16" = 1'-0"

N:\MSA\2018\1024401\1 DRAWINGS\DWG\1024401 SITE PLAN.DWG  
5/21/2018 2:52 PM



1 SITE LIGHTING PLAN - EAST  
SCALE: 1" = 80' - 0"

SHEET NO.  
**E1.00**  
KEY PLAN



UHLHEIN | WILSON  
RAMLOW | STEIN

322 East Michigan Street  
Milwaukee, WI 53202  
414.271.8899  
office@uhlhein-wilson.com  
www.uhlhein-wilson.com

SMITHGROUP JJR



© UHLHEIN | WILSON, RAMLOW | STEIN  
- 05/2018 -  
ALL RIGHTS RESERVED

CONSTRUCTION OF THIS DOCUMENT  
The drawings, and the design and design development herein,  
are the property of Uhlhein | Wilson, Ramlow | Stein, Inc. and shall not be  
reproduced, stored in a retrieval system, or transmitted in any form or by  
any means, electronic, mechanical, photocopying, recording, or by any  
information storage and retrieval system, without the prior written consent  
of Uhlhein | Wilson, Ramlow | Stein, Inc.

REVISIONS  
A. 10/18/18 10/18/18 10/18/18  
B. 10/18/18 10/18/18 10/18/18

PRELIMINARY  
NOT FOR CONSTRUCTION

PROJECT



PROMEGA - R&D  
BUILDING

SHEET  
SITE LIGHTING PLAN -  
EAST

DATE:

APRIL 18, 2018

PROJECT NO.

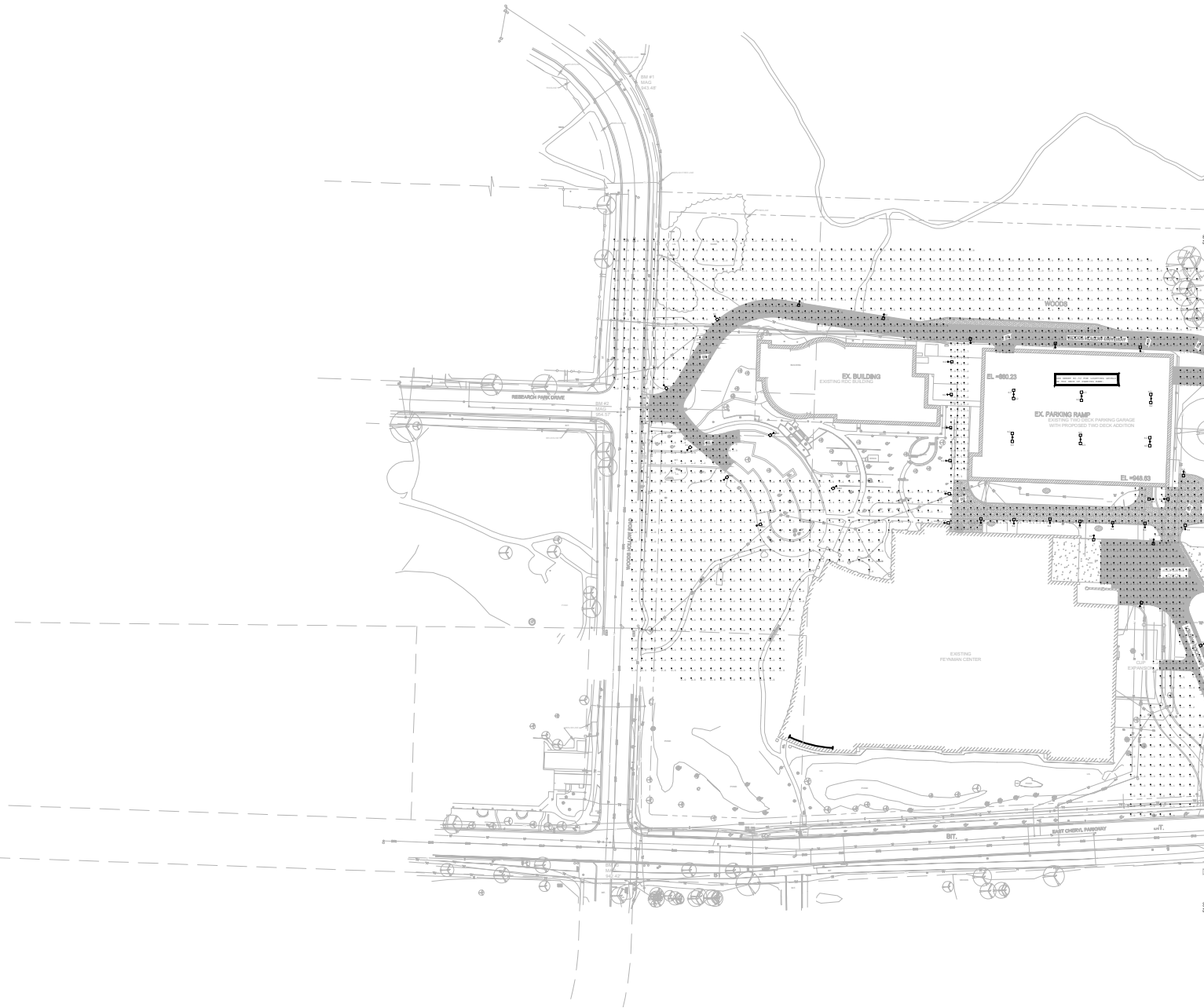
10468.000

SHEET NO.

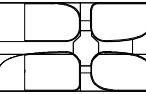
**E1.00**

5/21/2018 12:51 PM N:\MSA\2018\1024460\15 DRAWINGS\ELECTRICAL\SITE\1024460- PROMEGA - ELECTRICAL - SITE - PLAN.DWG

1 SITE LIGHTING PLAN - WEST  
SCALE: 1" = 80'-0"



SHEET NO.  
**E1.01**  
KEY PLAN



UHLHEIN | WILSON  
RAMLOW | STEIN

322 East Michigan Street  
Milwaukee, WI 53202  
414.271.8899  
office@uhlhein-wilson.com  
www.uhlhein-wilson.com

SMITHGROUP JJR



© UHLHEIN/WILSON, RAMLOW/STEIN  
OR ARCHITECTS, INC.  
ALL RIGHTS RESERVED

CONSTRUCTION OF THIS DOCUMENT  
This document, and the data and design information contained herein,  
are the property of Uhlhein Wilson, Ramlow Stein, Inc. and are not  
to be used for any other project without the written consent of  
Uhlhein Wilson, Ramlow Stein, Inc. or its affiliates.

| REVISIONS |     | Description        |
|-----------|-----|--------------------|
| 1         | Rev | REVISION TO DESIGN |
| 2         | Rev | ADD REVISIONS      |

PRELIMINARY  
NOT FOR CONSTRUCTION

PROJECT



PROMEGA - R&D  
BUILDING

SHEET

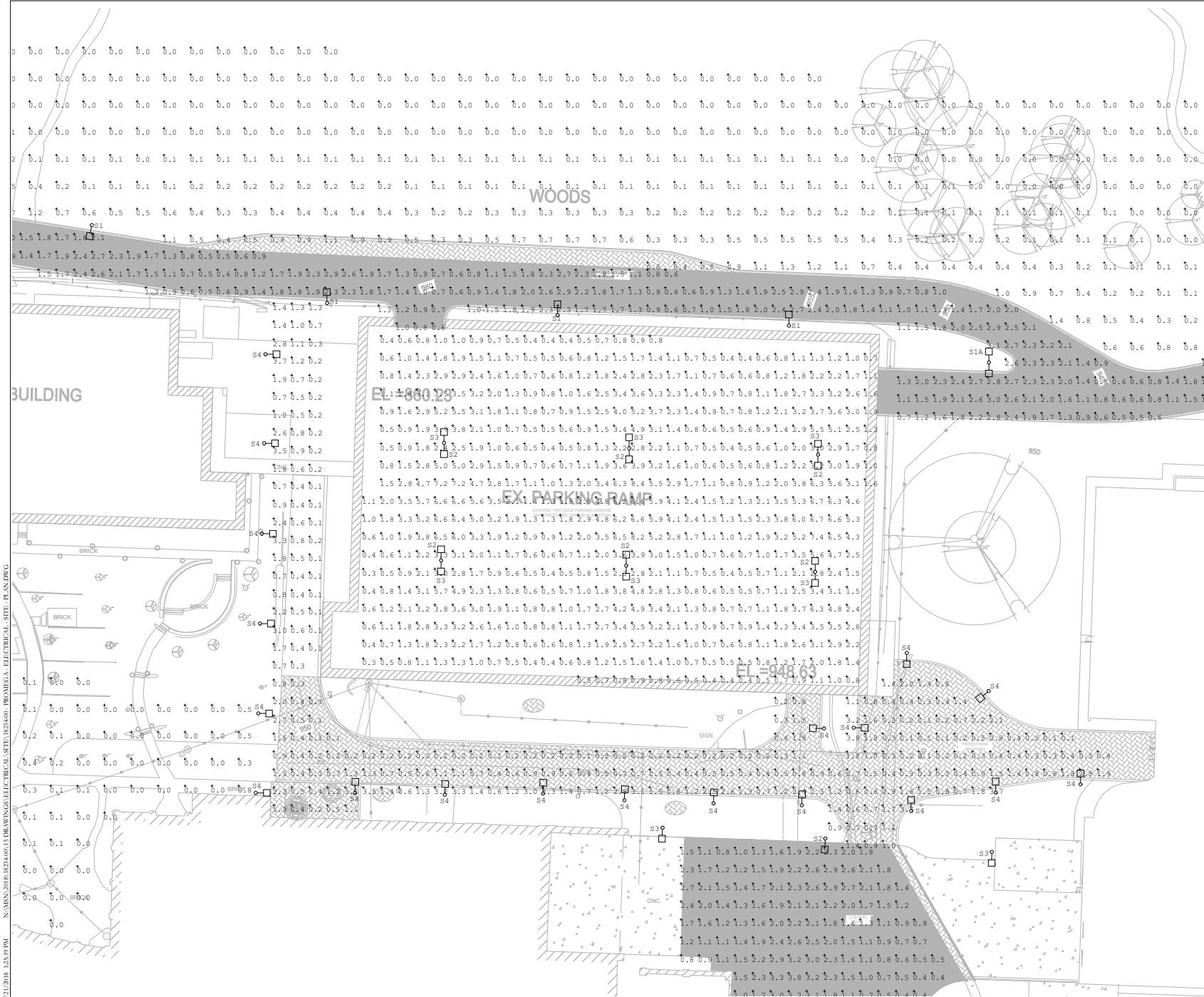
SITE LIGHTING PLAN -  
WEST

DATE:  
APRIL 18, 2018

PROJECT NO.  
10468.000

SHEET NO.  
**E1.01**

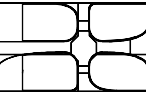




**1 SITE LIGHTING PLAN - GARAGE UPPER DECK**  
SCALE: 1" = 20'-0"

[illegible][illegible][illegible]

| LIGHTING FIXTURE SCHEDULE |              |                                               |                    |                          |                         |                    |         |                                                                                                                                                                                                                             |      |       |                        |                                             |                    |               |
|---------------------------|--------------|-----------------------------------------------|--------------------|--------------------------|-------------------------|--------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------|------------------------|---------------------------------------------|--------------------|---------------|
| TYPE                      | MANUFACTURER | CATALOG NUMBER                                | LAMPS<br>MO & TYPE | BALLAST/<br>POWER SUPPLY | MOUNTING                | MOUNTING<br>HEIGHT | VOLTAGE | REMARKS                                                                                                                                                                                                                     | LLF  | COLOR | CUT-OFF                | CONTROL                                     | HOURS OF OPERATION | Total<br>Feet |
| RM1                       | KLM          | 1A-CG33A+250-MH7T-EL-415<br>OR APPROVED EQUAL | 1                  | -                        | POLE                    | 30'                | 277V    | ERSTING 20" Ø METAL HALIDE POLE TOP ROADWAY LIGHT WITH BLACK HOUSING.<br>TYPE 1 DISTRIBUTION, HOUSESIDE SHIELD 30' ROUND POLE                                                                                               | 1.00 | BLACK |                        |                                             |                    | 26            |
| RM2                       | KLM          | 1A-CG33A+250-MH7T-EL-415<br>OR APPROVED EQUAL | 1                  | -                        | POLE                    | 20'                | 277V    | ERSTING 20" Ø METAL HALIDE POLE TOP ROADWAY LIGHT WITH BLACK HOUSING.<br>TYPE 8 DISTRIBUTION, HOUSESIDE SHIELD 20' ROUND POLE                                                                                               | 1.00 | BLACK |                        |                                             |                    | 13            |
| 81                        | KLM          | 1A-CG325A+2P36-90LX-277-BL-6F-SCH-R-8         |                    |                          | 0-15V DIMMING<br>DRIVER | POLE               | 30'     | ONE 11TW POLE MOUNTED, LUMINAIRE WITH TYPE 1 DISTRIBUTION, BLACK PAINTED<br>FINISH, MOUNTED ON 30" TALL ROUND ALUMINUM POLE WITH STEEL TENSION BASE.<br>POLE MOUNTED OCCUPANCY SENSOR TO DIM LIGHTS WHEN AREA IS UNOCCUPIED | 1.00 | BLACK | BUD RATING<br>85-00-03 | TYPE II<br>RELAY C/L<br>PHOTOCELL<br>ON/OFF | DUSK TO DAWN       | 111           |
| 81A                       | KLM          | 2B-CG325A+2P36-90LX-477-BL-6F-SCH-R-8         |                    |                          | 0-15V DIMMING<br>DRIVER | POLE               | 30'     | TWO 11TW POLE MOUNTED, LUMINAIRES WITH TYPE 1 DISTRIBUTION, BLACK PAINTED<br>FINISH, MOUNTED ON 30" TALL ROUND ALUMINUM POLE WITH STEEL<br>POLE MOUNTED OCCUPANCY SENSOR TO DIM LIGHTS WHEN AREA IS UNOCCUPIED              | 1.00 | BLACK | BUD RATING<br>85-00-03 | TYPE II<br>RELAY C/L<br>PHOTOCELL<br>ON/OFF | DUSK TO DAWN       | 222           |
| 82                        | KLM          | 1A-CG325A+2P36-90LX-477-BL-6F-SCH-R-8         |                    |                          | 0-15V DIMMING<br>DRIVER | POLE               | 30'     | ONE 11TW POLE MOUNTED, LUMINAIRE WITH TYPE 1 DISTRIBUTION, BLACK PAINTED<br>FINISH, MOUNTED ON 30" TALL ROUND ALUMINUM POLE WITH STEEL TENSION BASE.<br>POLE MOUNTED OCCUPANCY SENSOR TO DIM LIGHTS WHEN AREA IS UNOCCUPIED | 1.00 | BLACK | BUD RATING<br>85-00-03 | TYPE II<br>RELAY C/L<br>PHOTOCELL<br>ON/OFF | DUSK TO DAWN       | 111           |
| 83                        | KLM          | 1A-CG325A+2P36-90LX-477-BL-6F-SCH-R-8         |                    |                          | 0-15V DIMMING<br>DRIVER | POLE               | 30'     | ONE 11TW POLE MOUNTED, LUMINAIRE WITH TYPE 1 DISTRIBUTION, BLACK PAINTED<br>FINISH, MOUNTED ON 30" TALL ROUND ALUMINUM POLE WITH STEEL TENSION BASE.<br>POLE MOUNTED OCCUPANCY SENSOR TO DIM LIGHTS WHEN AREA IS UNOCCUPIED | 1.00 | BLACK | BUD RATING<br>85-00-03 | TYPE II<br>RELAY C/L<br>PHOTOCELL<br>ON/OFF | DUSK TO DAWN       | 111           |
| 84                        | BEGA         | 96 073-BLX, 78 302                            |                    |                          | 0-15V DIMMING<br>DRIVER | POLE               | 10'     | 12" TALL PIERCE (PIAN) SCALE 125 LUMINAIRE WITH BLACK PAINTED HOUSING<br>PROVIDE WITH ANCHORAGE KIT                                                                                                                         | 1.00 | BLACK | BUD RATING<br>85-00-01 | RELAY C/L<br>PHOTOCELL<br>ON/OFF            | DUSK TO DAWN       | 31            |
| 85                        | BEGA         | 86 057-K4-BLX, 78 307                         |                    |                          | 0-15V DIMMING<br>DRIVER | BOLLARD            | 2'      | 3" TALL LED BOLLARD WITH BLACK PAINTED HOUSING, PROVIDE WITH ANCHORAGE<br>KIT                                                                                                                                               | 1.00 | BLACK | BUD RATING<br>85-00-01 | RELAY C/L<br>PHOTOCELL<br>ON/OFF            | DUSK TO DAWN       | 8             |



22 East Michigan Street  
Milwaukee, WI 53202  
414.271.8899  
office@uihlein-wilson.com  
www.uihlein-wilson.com

SMITHGROUP JJ



HEIN/WILSON - RAMLOW/STEIN  
ARCHITECTS, INC.  
ALL RIGHTS RESERVED

...and the ideas and designs incorporated here represent a progression of professional expertise in the field of property management. Wilson - Rawlinson/Strain Architects, Inc., and is not to be used in whole or in part for any other project or purpose without the expressed written authorization of Wilson/Strain Architects, Inc.

| Date:     | Description:         |
|-----------|----------------------|
| 17APR18   | SCHEMATIC DESIGN     |
| 000433500 | 4.000.00.000.00000.0 |

ZIMBABWE AIRBORNE UNIT

---

PRELIMINARY  
NOT FOR CONSTRUCTION

## SUBJECT

**Compass**

OMEGA

## OMEGA - RAIL BUILDING

ET

### LIGHTING INADEQUATE SCHEDULE C. CHANGES

CUTSHEETS

2018

PROJECT NO.

168.000

---

ET NO.

F1 03

— 1133 —