

FRANKLIN PLACE REDEVELOPMENT

1632 N. FRANKLIN PL MILWAUKEE, WI

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A7 A8 A9 A10 A11 A12	PERSPECTIVE LOOKING SOUTH PERSPECTIVE LOOKING NORTH PERSPECTIVE LOOKING NORTH PERSPECTIVE LOOKING SOUTH BUILDING DATA UNIT MIX
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eppstein uhen : architects

DPD SUBMITTAL

FILE NUMBER: 161590

04/18/2017 PROJECT NUMBER:

Epostein Uhen Architects, Inc.

milwaukee 333 East Chicago Street Milwaukee, Wisconsin 53202 telephone 414 . 271 . 5350 309 West Johnson Street, Suite 202 Madison, Wisconsin 53703 telephone 608.442.5350

PROJECT INFORMATION

FRANKLIN PLACE REDEVELOPMENT

1632 N. FRANKLIN PL MILWAUKEE, WI

ISSUANCE AND REVISIONS

DESCRIPTION 03/17/17 DPD SUBMITTAL

KEY PLAN

CONSULTING ENGINEERS 7711 N. PORT WASHINGTON ROAD MILWAUKEE, WISCONSIN 53217 Phone: 414.351.6668 Fax: 414.351.4117 www.kapurengineers.com

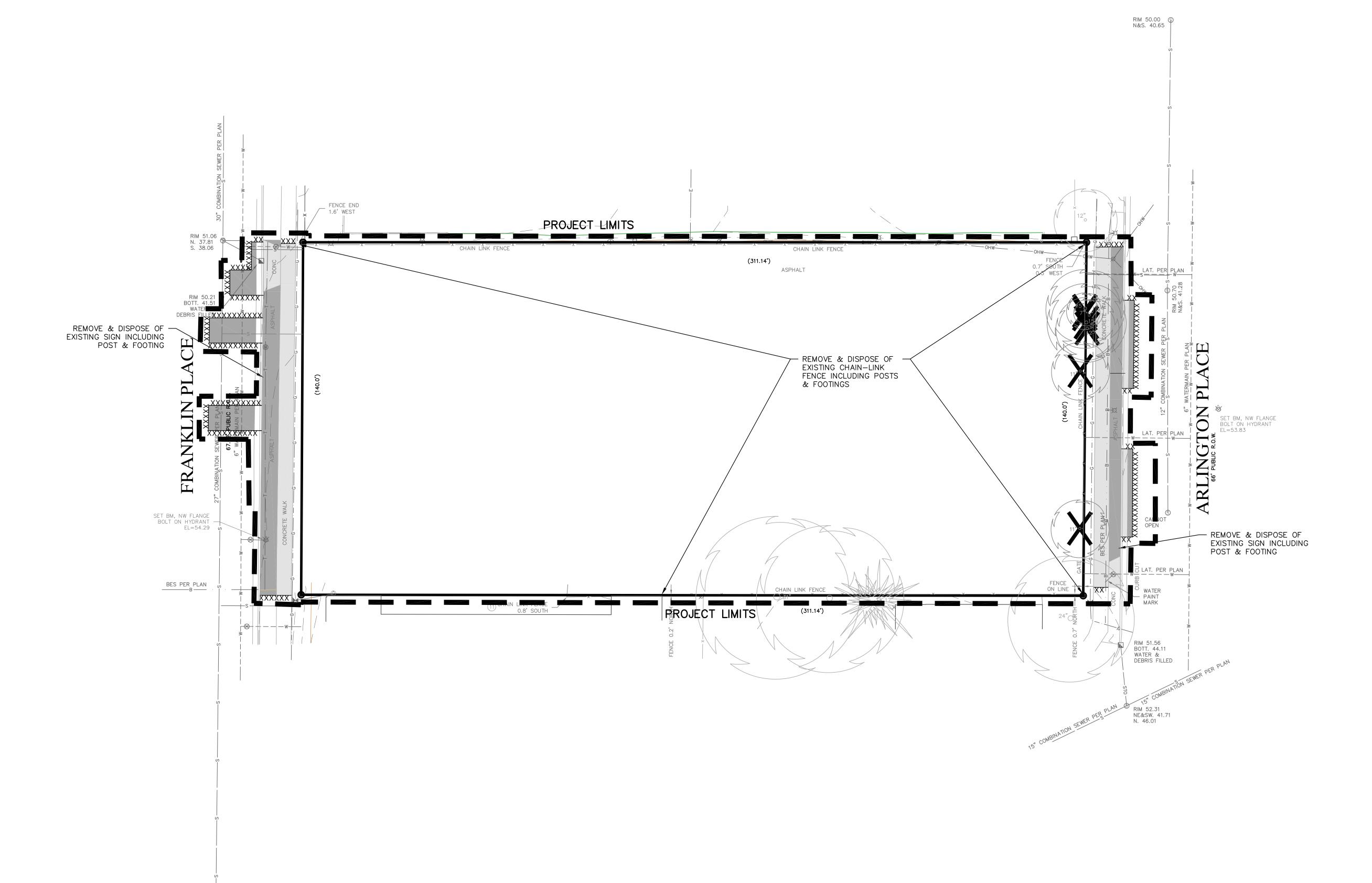
SHEET INFORMATION

PROGRESS DOCUMENTS - NOT FOR CONSTRUCTION

PROJECT MANAGER

PROJECT NUMBER

SITE DEMOLITION PLAN



Scale: 1" = 20'

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DEMOLITION NOTES

. CONSULT WITH OWNER TO DETERMINE A SAFE STORAGE LOCATION OF ITEMS SPECIFICALLY CALLED OUT TO BE SALVAGED FOR OWNER REUSE. EXERCISE CARE DURING REMOVAL AND TRANSPORT TO PREVENT DAMAGE.

2. THE UNDERGROUND AND OVERHEAD UTILITY INFORMATION AS SHOWN HEREON IS BASED, IN PART, UPON INFORMATION FURNISHED BY UTILITY COMPANIES, LOCAL MUNICIPALITY, PROPERTY OWNER, AND DIGGERS HOTLINE. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, ITS ACCURACY AND COMPLETENESS CANNOT BE GUARANTEED NOR CERTIFIED TO.

3. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS SHALL APPLY FOR AND OBTAIN ALL THEIR REQUIRED PERMITS AND APPROVALS PRIOR TO THE START OF THEIR WORK. CONSULT WITH AND OBTAIN FROM ENGINEER COPIES OF ENGINEERING DESIGN APPROVAL PERMITS, INCLUDING BUT NOT LIMITED TO WDNR, STATE OR LOCAL PLUMBING, WDOT, COUNTY, AND STORM WATER MANAGEMENT.

5. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS ARE RESPONSIBLE FOR COORDINATING THEIR WORK

4. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS SHALL CONTACT DIGGER'S HOTLINE TO ALLOW THEM SUFFICIENT TIME TO LOCATE EXISTING UTILITIES PRIOR TO COMMENCEMENT OF WORK.

WITH ALL OTHER CONTRACTORS. 6. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS ARE RESPONSIBLE FOR VERIFYING OWNERSHIP OF AND COORDINATING THE DEMOLITION AND/OR RELOCATION OF ALL EXISTING UTILITIES FROM EXISTING BUILDINGS AND

WITHIN THE PROJECT LIMITS, INCLUDING BUT NOT LIMITED TO ELECTRICAL/FIBER OPTIC/TELEPHONE/CABLE/GAS/WATER/SANITARY/STORM. DEMOLITION OF THIS UTILITY WORK MUST BE IN ACCORDANCE WITH ALL STATE, FEDERAL, & LOCAL REGULATIONS. 7. FOR ALL WORK, GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS ARE RESPONSIBLE FOR REVIEWING BID

DOCUMENTS, VERIFYING THE VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UTILITIES WITHIN THE PROJECT LIMITS, AND INCLUDE IN THEIR CONTRACT THE RELOCATION OF SAID UTILITIES (NOTED OR NOT ON THE BID DOCUMENTS) AS NECESSARY TO PROVIDE PROPER DEPTH/CLEARANCE PER UTILITY OWNER'S REQUIREMENTS.

SAWCUT FULL DEPTH

REFER TO GEOTECHNICAL REPORT.

TREES AND STUMPS TO BE REMOVED

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\$ RIM 53.40 N&S. 40.40

XXXXXXXXXX

- DENOTES UTILITIES TO BE ABANDONED AND REMOVED.

DEMOLITION LEGEND

VEGETATION TO BE REMOVED AND DISPOSED OF OFFSITE. IF SUITABLE FOR REUSE, TOPSOIL TO BE STOCKPILED. UNUSED AND

THICKNESS MAY VARY. REFER TO GEOTECHNICAL REPORT OR FIELD

UNSUITABLE TOPSOIL TO BE REMOVED OFFSITE. TOPSOIL

VERIFY DEPTH IF GEOTECHNICAL REPORT NOT AVAILABLE.

ASPHALT PAVEMENT AND BASE MATERIAL TO BE REMOVED TO

SUB-BASE AND DISPOSED OF OFFSITE. PAVEMENT AND BASE

CONCRETE AND BASE MATERIAL TO BE REMOVED TO SUB-BASE AND

DISPOSED OF OFFSITE. CONCRETE AND BASE THICKNESS MAY VARY.

THICKNESS MAY VARY. REFER TO GEOTECHNICAL REPORT.

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AREAS DISTURBED BY CONSTRUCTION LANDSCAPE PLANS) TO BE RESTORED WITH → MINIMUM 4" TOPSOIL, SEED, FERTILIZER, AND MULCH (TYP). USE SALVAGED TOPSOIL OR IMPORT TOPSOIL IF REQUIRED. NEW ASPHALTIC CONCRETE (HEAVY DUTY)

> CHESTNUT HILL DECORATIVE PAVER, FULL RANGE FROM BELDEN BRICK

NEW CONCRETE SLAB NEW HEAVY DUTY CONCRETE SLAB

NEW HIGH-SIDE CURB & GUTTER

PRIVACY FENCE

NEW LOW-SIDE CURB & GUTTER

LED LIGHTED BOLLARD LED RECESSED DOWNLIGHT

LED WALL PACK

BUILDING INFORMATION

BUILDING USE: RESIDENTIAL MULTI—FAMILY BUILDING HEIGHT: 60'—0"

MAIN BUILDING ENTRANCE: FRANKLIN PL SECONDARY BUILDING ENTRANCE: ARLINGTON PL VEHICULAR ENTRANCES: ARLINGTON PL

INTERNAL VEHICULAR PARKING: 133 INTERNAL BICYCLE PARKING: 25 EXTERIOR VEHICULAR PARKING: 0 EXTERIOR BICYCLE PARKING: 6

SITE PLAN

115316

KAPUR & ASSOCIATES, INC.

CONSULTING ENGINEERS 7711 N. PORT WASHINGTON ROAD MILWAUKEE, WISCONSIN 53217

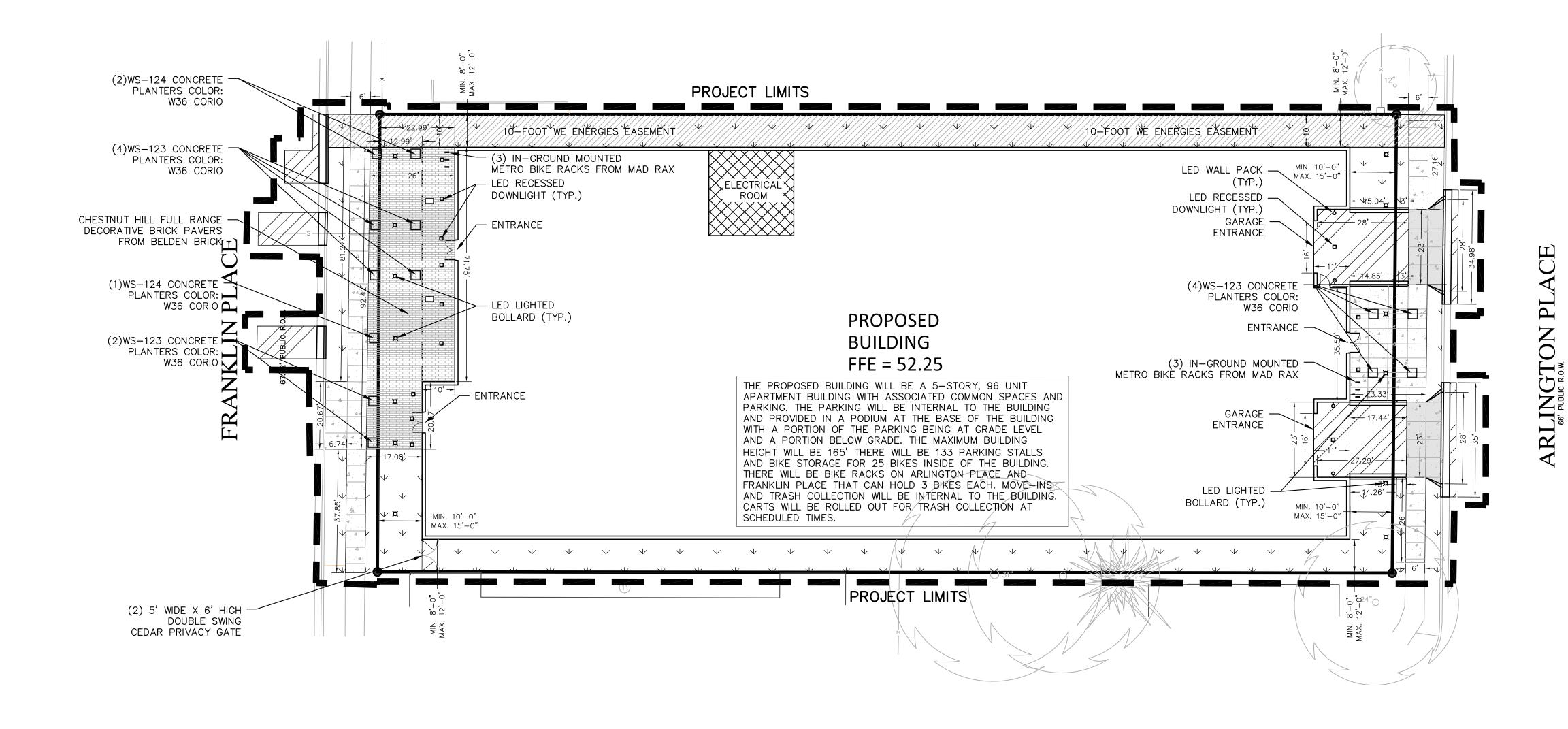
Phone: 414.351.6668 Fax: 414.351.4117 www.kapurengineers.com

PROGRESS DOCUMENTS - NOT FOR CONSTRUCTION

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SITE GEOMETRIC PLAN

C103

22.99' 0000

PROJECT LIMITS

PROPOSED

FFE = 52.25

PROJECT LIMITS

BUILDING

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PROJECT MANAGER

PROJECT NUMBER

GRADING LEGEND

Scale: 1" = 20'

— — — 54 — — EXISTING CONTOUR MINOR — — — 55 — — EXISTING CONTOUR MAJOR PROPOSED CONTOUR MINOR PROPOSED CONTOUR MAJOR - (54.55 PROPOSED SPOT GRADE → 55.25± MATCH EXISITNG SPOT GRADE | | T55.00

PROPOSED TOP OF CURB PROPOSED BOTTOM OF CURB MATCH EXISTING TOP OF CURB MATCH EXISTING BOTTOM OF CURB

SITE GRADING PLAN

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RIM 52.31 NE&SW. 41.71 N. 46.01 Dial or (800)242-8511 www.DiggersHotline.com 💠 G54.50 → T56.50± 💠 G56.00±

PROPOSED

FFE = 52.25

BUILDING

BRICK COLUMN _ 0.3' SOUTH

52.25---

52.77±

RIM 51.56 BOTT. 44.11 WATER & DEBRIS FILLED

-53.33± -???±

BES PER PLAN 52,05±



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SITE UTILITY LEGEND AND NOTES

KNOWN UTILITY AND POTENTIAL CONFLICT EXIST WITH EXISTING UNDERGROUND UTILITIES.
PRIOR TO UTILITY INSTALLATION, CONTRACTOR TO EXCAVATE AND EXPOSE EXISTING
UTILITIES, VERIFY LOCATIONS AND ELEVATIONS, AND CONTACT ENGINEER IF CONFLICTS
EXIST WITH PROPOSED CONSTRUCTION AND EXISTING UNDERGROUND UTILITIES..

1. PER PROJECT SPECIFICATIONS AND THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN, THE POINT OF COMMENCEMENT FOR THE LAYING OF SEWER PIPE SHALL BE AT THE LOWEST POINT IN THE PROPOSED SEWER LINE. THE PIPE SHALL BE LAID WITH THE BELL END OF THE BELL AND SPIGOT PIPE, OR WITH THE RECEIVING GROOVE END OF THE TONGUE AND GROOVE PIPE, POINTING UPGRADE. WHEN A NEW SEWER IS TO BE CONNECTED TO AN EXISTING SEWER NOT TERMINATING IN A MANHOLE, THE CONTRACTOR SHALL UNCOVER THE EXISTING SEWER TO ALLOW ANY ADJUSTMENTS IN LINE AND GRADE TO BE MADE BEFORE PIPE IS LAID.

2. THE UNDERGROUND AND OVERHEAD UTILITY INFORMATION AS SHOWN HEREON IS BASED, IN PART, UPON INFORMATION FURNISHED BY UTILITY COMPANIES, LOCAL MUNICIPALITY, PROPERTY OWNER, AND DIGGERS HOTLINE. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, ITS ACCURACY AND COMPLETENESS CANNOT BE GUARANTEED NOR CERTIFIED TO.

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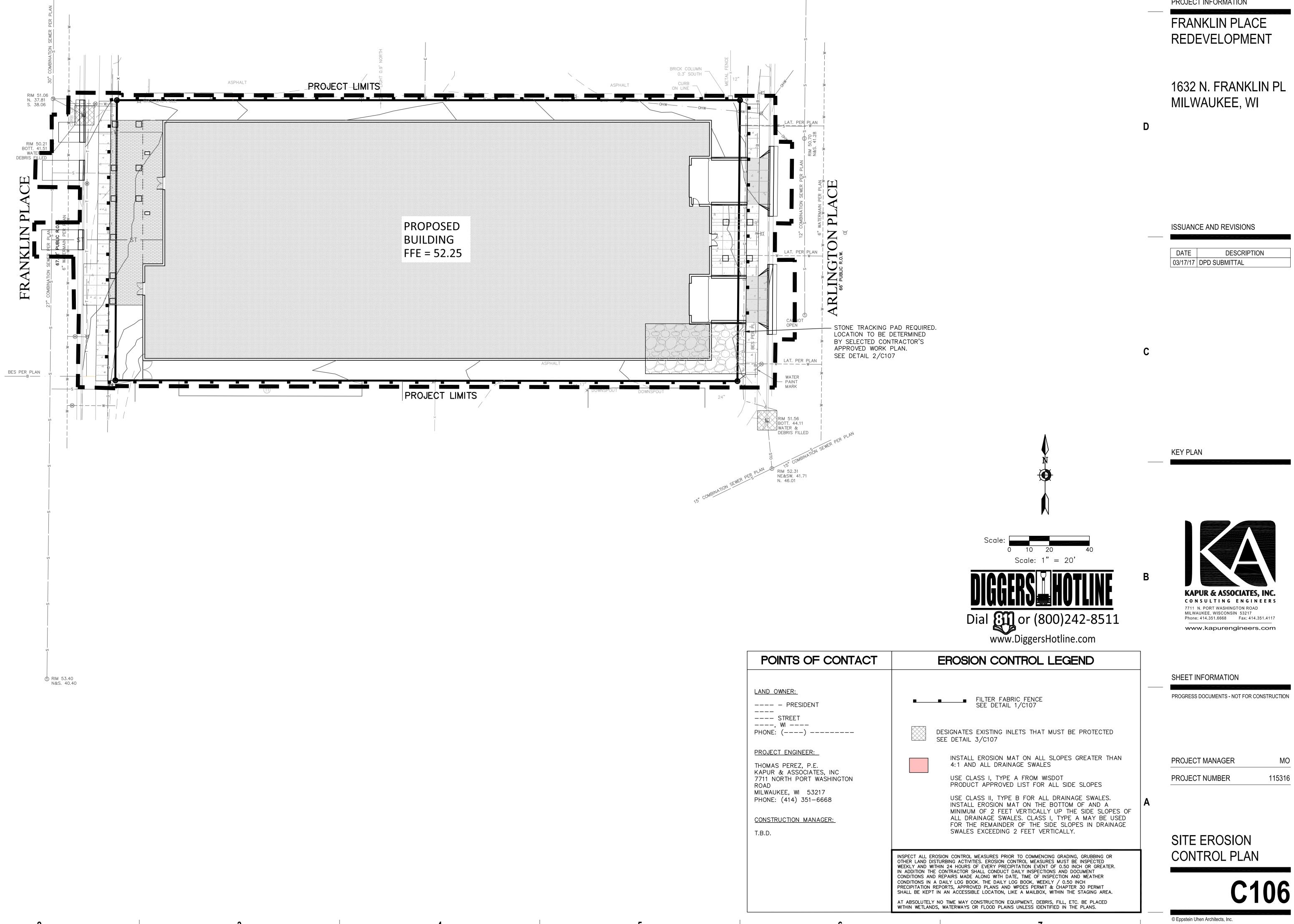
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RIM 50.00 N&S. 40.65 - SITE PLUMBER CONNECT PROPOSED DOMESTIC WATER/FIRE PROTECTION LATERAL TO EXISTING 6" WATERMAIN. VERIFY EXACT LOCATION, SIZE, AND FLOW WITH BUILDING DESIGN/BUILD PLUMBING CONTRACTOR AND VERIFY INVERTS IN FIELD. - SITE PLUMBER TO PROVIDE CONTINUATION OF DOMESTIC WATER/FIRE PROTECTION LATERAL AT 5 FEET FROM BUILDING VERIFY EXACT LOCATION, SIZE, AND FLOW WITH BUILDING DESIGN/BUILD PLUMBING CONTRACTOR. BRICK COLUMN 0.3' SOUTH PROJECT LIMITS 10-FOOT WE ENERGIES EASEMENT 10-FOOT WE ENERGIES EASEMENT ROOM SITE PLUMBER TO PROVIDE CONTINUATION OF SANITARY LATERAL AT 5 FEET FROM BUILDING. VERIFY EXACT LOCATION, SIZE, AND FLOW WITH BUILDING DESIGN/BUILD PLUMBING CONTRACTOR. PROPOSED - SITE PLUMBER CONNECT PROPOSED SANITARY LATERAL TO EXISTING 27" COMBINED SEWER. BUILDING VERIFY EXACT LOCATION, SIZE, AND FLOW WITH BUILDING DESIGN/BUILD PLUMBING CONTRACTOR AND VERIFY FFE = 52.25 INVERTS IN FIELD. SITE PLUMBER TO PROVIDE CONTINUATION OF STORM LATERAL AT 5 FEET FROM BUILDING. VERIFY EXACT LOCATION, SIZE, AND FLOW WITH BUILDING DESIGN/BUILD PLUMBING CONTRACTOR. - SITE PLUMBER CONNECT PROPOSED STORM LATERAL TO EXISTING 27" COMBINED SEWER. VERIFY EXACT LOCATION, SIZE, AND FLOW WITH BUILDING DESIGN/BUILD PLUMBING CONTRACTOR AND VERIFY INVERTS IN FIELD. BES PER PLAN PROJECT LIMITS RIM 51.56 BOTT. 44.11 WATER & DEBRIS FILLED NE&SW. 41.71 N. 46.01 3. GENERAL CONTRACTOR OR THEIR SUB CONTRACTORS SHALL APPLY FOR AND OBTAIN ALL THEIR REQUIRED



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2. INLETS AND CATCH BASINS SHALL BE PROTECTED WITH INLET

FILTERS THAT ARE PHASED IN WITH CONSTRUCTION TO REDUCE

. CONTRACTOR TO INSTALL AND MAINTAIN EROSION CONTROL

SEDIMENT FROM ENTERING THESE AREAS PER WDNR TECHNICAL STANDARD 1060 AS FOLLOWS: ALL FABRIC BARRIERS SELECTED FOR INLET/CATCH BASIN PROTECTION DEVICES SHALL BE SELECTED FROM THE LIST OF APPROVED FABRICS CERTIFIED FOR INLET PROTECTION. GEOTEXTILE FABRIC, TYPE FF IN THE CURRENT EDITION OF THE WiscDOT PRODUCT ACCEPTABILITY LIST, TO OBTAIN THE PAL, PLEASE REFER

- http://wisconsindot.gov/Documents/doing-bus/eng-consultants <u>/cnslt-rsrces/tools/pal/pal-7-14.pdf</u> A. INLET PROTECTION SHALL BE AT A MINIMUM INSPECTED WEEKLY
- 1/2 INCH OR GREATER DURING A 24-HOUR PERIOD. B. PLACEMENT OF SPOIL MATERIAL, DEBRIS, SOILS, ETC. ON TOP OF INLETS/CATCH BASINS, EVEN IF TEMPORARY, IS STRICTLY

AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EVENT OF

- DISCOURAGED AND PROHIBITED. C. SEDIMENT DEPOSITS SHALL BE REMOVED AND THE INLET PROTECTION DEVICE RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED BETWEEN 1/3 TO 1/2 THE DESIGN DEPTH OF THE DEVICE FOR TYPES A-C, WHEN SEDIMENT IS WITHIN 6" OF THE BOTTOM OF THE OVERFLOW
- HOLE FOR TYPE D. OR WHEN THE DEVICE IS NO LONGER FUNCTIONING PER MANUFACTURER'S SPECIFICATIONS. ALL SEDIMENT COLLECTED SHALL BE PROPERLY DISPOSED OF TO PREVENT DISCHARGE INTO AREA WATERWAYS AND WETLANDS.
- D. DUE CARE SHALL BE TAKEN TO ENSURE SEDIMENT DOES NOT FALL INTO THE INLETS/CATCH BASINS AND IMPEDE THE INTENDED FUNCTION OF THE DEVICE. ANY MATERIAL FALLING INTO THE INLET/CATCH BASIN SHALL BE REMOVED AND PROPERLY DISPOSED OF PER NOTE C ABOVE.

E. INLET FILTERS MAY BE REMOVED AND PROPERLY DISPOSED OF

UPON COMPLETION OF CONSTRUCTION, HAULING OR MOVEMENT

OF CONSTRUCTION EQUIPMENT THROUGHOUT THE SITE, AND

ONCE THE SITE IS ADEQUATELY STABILIZED, UNLESS AS OTHERWISE NOTIFIED BY THE WDNR. 3. A TRACKING PAD SHALL BE INSTALLED AS SHOWN ON THE PLAN SHEET PRIOR TO THE START OF CONSTRUCTION TO REDUCE DFF—SITE SEDIMENTATION BY ELIMINATING THE TRACKING C SEDIMENT FROM THE SITE PER WDNR TECHNICAL STANDARD 1057 AS

FOLLOWS:

- AGGREGATE USED FOR TRACKING PADS SHALL BE 3 TO 6 INCH CLEAR OR WASHED STONE. ALL MATERIAL TO BE RETAINED
- BY 3 INCH SIEVE. B. THE AGGREGATE SHALL BE PLACED IN A LAYER OF AT LEAST 12 INCHES THICK. ON SITES WITH A HIGH WATER TABLE, OR WHERE SATURATED CONDITIONS ARE EXPECTED. TRACKING PADS WILL BE UNDERLAIN WITH WISDOT TYPE R GEOTEXTILE
- THE TRACKING PAD SHALL BE THE FULL WIDTH OF THE EGRESS POINT (MIN. 15 FEET WIDE) AND BE AT LEAST 50 FEET LONG.
- D. VEHICLES TRAVELING ACROSS THE TRACKING PAD SHALL MAINTAIN A SLOW CONSTANT SPEED. E. ANY SEDIMENT OR ROCK ACCUMULATION ONTO LOCAL
- ROADWAYS SHALL BE REMOVED BY STREET CLEANING, NOT FLUSHING BEFORE THE END OF EACH WORKING DAY. THE TRACKING PAD SHALL, AT A MINIMUM BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EVENT OF 1/2 INCH OF RAIN OR MORE DURING A 24-HOUR
- G. THE TRACKING PAD PERFORMANCE SHALL BE MAINTAINED AT A MINIMUM OF 12" BY SCRAPING OR TOP-DRESSING WITH ADDITIONAL AGGREGATE.

SHALL TAKE PLACE WITH ALL RELEVANT PARTIES IN ATTENDANCE.

THE TIMING AND SEQUENCE OF CONSTRUCTION IS SCHEDULED AS FOLLOWS:

SITE DEMOLITION IS COMPLETE IN THE BUILDING PAD AREA.

LANDSCAPING. REMAINING STOCKPILES WILL BE REMOVED FROM THE SITE.

AND WEATHER CONDITIONS IN A DAILY LOG BOOK.

OF THE PROJECT.

EROSION CONTROL PERMIT.

DEPTH OF 1/2 FENCE HEIGHT.

FORWARDED TO THE CITY.

TRAFFIC CONTROLS.

EROSION CONTROL OPERATION SEQUENCE + SCHEDULE

AFTER BIDS ARE RECEIVED AND A MASS GRADING CONTRACTOR IS SELECTED, A PRE-CONSTRUCTION MEETING

THE GENERAL CONTRACTOR IS RESPONSIBLE FOR INSTALLING AND MAINTAINING ALL SILT FENCES, SEEDING,

EROSION MATTING, AND OTHER EROSION CONTROL MEASURES. GENERAL CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PRIOR TO COMMENCING GRADING, GRUBBING, OR OTHER LAND DISTURBING

ACTIVITIES. EROSION CONTROL MEASURES MUST BE INSPECTED WEEKLY AND WITHIN 24 HOURS OF EVERY

PRECIPITATION EVENT OF 1/2 INCH OR GREATER. IN ADDITION, THE ACTIVE CONTRACTOR SHALL CONDUCT

ALL REGULATORY PERMITS, PROJECT PLANS, AND INSPECTION LOGS SHALL BE KEPT ON SITE IN AN

. OBTAIN PLAN APPROVAL FROM THE CITY OF MILWAUKEE, AND ALL APPLICABLE PERMITS, INCLUDING

DITCH AS NECESSARY. IF INSTALLED, THE TEMPORARY CULVERT SHALL BE REMOVED AT END OF

4. SILT FENCE, AND INLET FILTER PROTECTION SHALL BE INSTALLED AS SHOWN ON THE PLANS, AND

INSPECTED PRIOR TO COMMENCING OF ANY LAND DISTURBING ACTIVITIES PER PROJECT PLANS AND

DETAILS. SEDIMENT DEPOSITS WILL BE REMOVED FROM BEHIND THE SILT FENCE WHEN THEY REACH A

5. SITE DEMOLITION OF PAVEMENT, ETC. WILL OCCUR AFTER ALL EROSION CONTROL MEASURES ARE IN PLACE.

6. CONSTRUCTION OF THE BUILDING, STARTING WITH THE FOUNDATION, WILL BEGIN IMMEDIATELY AFTER THE

7. TOPSOIL STRIPPING AND ROUGH GRADING WILL FOLLOW. TOPSOIL STOCKPILES WILL BE LOCATED AS SHOWN

ON THE PLANS AND BE STABILIZED WITHIN 7 DAYS OF LAY UP. STOCKPILES WILL BE USED FOR FINAL

9. AFTER ROUGH GRADING IS COMPLETE IN HARD SURFACE AREAS SUCH AS ROADWAYS, PARKING LOTS, AND

BUILDINGS, THE REQUIRED THICKNESS OF DENSE GRADED BASE COURSE, PER THE PROJECT PLANS AND

DETAILS WILL BE APPLIED FOR STABILIZATION. AFTER ROUGH GRADING IS COMPLETE OUTSIDE OF HARD

SURFACE AREAS, THE TOPSOIL WILL BE REAPPLIED AND THE LANDSCAPE CONTRACTOR WILL COMPLETE

10. FINAL SITE STABILIZATION IS ANTICIPATED FOLLOWING THE COMPLETION OF GRADING ACTIVITIES PER WDNR

ADDITION, ALL SLOPES OF GREATER THAN 20% MUST ADHERE TO THE SCHEDULE IN TABLE 1 BELOW.

12. THE GENERAL CONTRACTOR WILL REQUEST A FINAL INSPECTION BY THE CITY. UPON APPROVAL, ALL SILT

IN ADDITION, THE CONTRACTOR MUST ENSURE THAT THE STORM WATER POND IS RETURNED TO THE

13. IF REQUIRED, FINAL "AS-BUILT" SURVEYS ARE TO BE CONDUCTED BY THE OWNER AND FINAL DOCUMENTS

FENCES, INLET FILTER PROTECTION, AND TRIANGULAR SILT DIKES SHALL BE REMOVED, AND ACCUMULATED

SEDIMENT IN THE SEDIMENT BASIN/STORM WATER POND SHALL BE DREDGED AND PROPERLY DISPOSED OF.

I1. AFTER ALL TOPSOIL HAS BEEN REAPPLIED AND STABILIZATION IS UNDERWAY, ROADWAY, PARKING LOT,

AND SIDEWALK BASE MATERIAL WILL BE APPLIED PER PROJECT SPECIFICATIONS.

SLOPES AND GRADES SHOWN ON THE PROJECT PLANS AND DETAILS.

TECHNICAL STANDARD 1059. IF SITE STABILIZATION CANNOT BE COMPLETED BY OCTOBER 15, THEN THE

USE OF ANIONIC POLYACRYLAMIDE CONFORMING TO WDNR TECHNICAL STANDARD 1050 SHALL BE USED. IN

SEEDING/SODDING/FERTILIZING/MULCHING AND INSTALL EROSION MATTING AS PER APPROVED PLANS AND

8. UTILITY INSTALLATION WILL OCCUR NEXT AND CONTINUE UNTIL ALL THE UTILITIES ARE INSTALLED.

ACCESSIBLE LOCATION, SUCH AS A MAILBOX, AVAILABLE TO REGULATORY AGENCIES UPON REQUEST.

DAILY INSPECTIONS AND DOCUMENT CONDITIONS AND REPAIRS MADE, ALONG WITH DATE, TIME OF INSPECTION,

CONTRACTORS ARE TO MAINTAIN THE CONSTRUCTION SITE IN A NEAT AND TIDY MANNER FOR THE DURATION

2. CONSTRUCTION IS SCHEDULED TO BEGIN IN SPRING 2017, DEPENDING ON WEATHER & GROUND CONDITIONS.

3. A GRAVEL TRACKING PAD UNDERLAIN WITH WISDOT TYPE R GEOTEXTILE FABRIC, ALONG WITH A TEMPORARY

CULVERT IF NECESSARY, SHALL BE INSTALLED AS SHOWN ON THE PLANS. RE-GRADE EXISTING ROADWAY

CONSTRUCTION ACTIVITIES. IF INDICATED ON PLANS, INSTALL CONSTRUCTION FENCE AND ANY TEMPORARY

4. THE CONSTRUCTION SITE PERIMETER AND TOPSOIL STOCKPILE AREA SHALL BE PROTECTED WITH SILT FENCE AS SHOWN ON THE PLAN SHEET PRIOR TO THE START OF CONSTRUCTION TO INTERCEPT AND REDUCE THE FLOW OF SEDIMENT-LADEN SHEET FLOW RUNOFF FROM THE CONSTRUCTION SITE PER WDNR TECHNICAL STANDARD 1056 AS FOLLOWS:

B. INSTALLED SILT FENCE SHALL BE A MINIMUM 14

IN HEIGHT MEASURED FROM THE INSTALLED

C. SILT FENCE SHALL BE SUPPORTED BY EITHER

E. SILT FENCE SHALL HAVE A SUPPORT CORD AT

F. WHERE JOINTS ARE NEEDED, EACH END OF THE

EACH OTHER TO PRODUCE A STABLE AND

G. A MINIMUM OF 20 INCHES OF THE POSTS SHALL

H. SILT FENCE SHALL BE ANCHORED BY SPREADING

V-TRENCH ON THE UPSLOPE SIDE OF THE

COMPACTED. TRENCHES SHALL NOT BE

NECESSARY FOR PROPER INSTALLATION.

EXCAVATED ANY WIDER OR DEEPER THAN

FABRIC SHALL BE SECURELY FASTENED TO A

SECURE JOINT OR SHALL BE OVERLAPPED THE

EXTEND INTO THE GROUND AFTER INSTALLATION.

AT LEAST 8 INCHES OF THE FABRIC IN A 4 INCH

WIDE BY 6 INCH DEEP TRENCH, OR 6 INCH DEEP

FENCE. THE TRENCH SHALL BE BACKFILLED AND

ON THE TERMINAL ENDS OF THE SILT FENCE THE

FABRIC SHALL BE WRAPPED AROUND THE POST

VALUES ESTABLISHED IN TECHNICAL STANDARD

SUCH THAT THE STAPLES ARE NOT VISIBLE.

J. GEOTEXTILE FABRIC SPECIFICATIONS SHALL MEET

K. SILT FENCE SHALL BE REMOVED ONCE THE SITE

WHEN PLACING SILT FENCE NEAR TREES, CARE

SHALL BE TAKEN TO MINIMIZE DAMAGE TO THE

ROOT SYSTEM BY AVOIDING COMPACTION AND

ROOT CUTTING WITHIN A RADIUS OF 1.5 FEET

MULTIPLIED BY THE INCH DIAMETER OF THE

M. THE CONTRACTOR MAY FURTHER STRENGTHEN THE SILT FENCE BY USING HAY BALES ON THE

N. SILT FENCE SHALL AT A MINIMUM BE INSPECTED

WEEKLY AND WITHIN 24 HOURS AFTER EVERY

PRECIPITATION EVENT THAT PRODUCES 1/2 INCH

OF RAIN OR MORE DURING A 24 HOUR PERIOD.

UNDERCUTTING, OR FLOW CHANNELS AROUND

P. SEDIMENT SHALL BE PROPERLY DISPOSED OF

THE END OF BARRIERS SHALL BE REPAIRED OR

ONCE THE DEPOSITS REACH 1/2 THE HEIGHT OF

THE FENCE TO PREVENT DISCHARGE INTO AREA

DOWN SLOPE SIDE AS NEEDED.

O. DAMAGED OR DECOMPOSED SILT FENCE,

WATERWAYS AND WETLANDS.

IS ADEQUATELY STABILIZED.

POST. THE POSTS SHALL BE WRAPPED AROUND

STEEL OR WOOD SUPPORT POSTS.

D. THE MAXIMUM SPACING OF POSTS FOR

FOR WOVEN FABRIC 8 FEET.

DISTANCE BETWEEN TWO POSTS.

THE TOP OF THE FENCE.

GROUND ELEVATION.

INCHES HIGH AND SHALL NOT EXCEED 28 INCHES

A. SILT FENCE ENDS SHALL BE EXTENDED UPSLOPE RESPECTIVELY AS FOLLOWS: TO PREVENT WATER FROM FLOWING AROUND THE ENDS OF THE FENCE AS SHOWN ON THE PLAN A. TEMPORARY SEEDING REQUIRES A SEEDBED OF LOOSE SOIL TO A MINIMUM

RUNOFF AND EROSION.

DEPTH OF 2 INCHES. B. FERTILIZER APPLICATION IS NOT GENERALLY REQUIRED FOR TEMPORARY

5. SEEDING AND MULCHING TECHNIQUES SHALL BE USED ON AREAS OF EXPOSED

SOIL WHERE THE ESTABLISHMENT OF VEGETATION IS DESIRED. TEMPORARY

SEEDING APPLIES TO DISTURBED AREAS THAT WILL NOT BE BROUGHT TO FINAL

A PERIOD GREATER THAN 14 CALENDAR DAYS. REQUIRING VEGETATIVE COVER

THE DURATION OF CONSTRUCTION TO ESTABLISH TEMPORARY VEGETATION TO

HELP REDUCE EROSION PER WDNR TECHNICAL STANDARDS 1059 AND 1058

GRADE OR ON WHICH LAND-DISTURBING ACTIVITIES WILL NOT BE PERFORMED FOR

FOR LESS THAN ONE YEAR. SEED AND MULCH SHALL BE UTILIZED THROUGHOUT

- SEEDING. HOWEVER, ANY APPLICATION OF FERTILIZER OR LIME SHALL BE BASED ON SOIL TESTING.
- C. THE SOIL SHALL HAVE A PH RANGE OF 5.5 TO 8.0.
- D. ALL SEED SHALL CONFORM TO THE REQUIREMENTS OF THE WISCONSIN STATE STATUTES AND OF THE ADMINISTRATIVE CODE CHAPTER ATCP 20.01 REGARDING NOXIOUS WEED SEED CONTENT AND LABELING. NONWOVEN SILT FENCE SHALL BE 3 FEET OR
 - E. SEED SHALL NOT BE USED LATER THAN ONE YEAR AFTER THE TEST DATE ON THE LABEL.
 - F. IN THE SUMMER-SPRING, CONTRACTOR SHALL USE OATS APPLIED AT 131 LBS/ACRE FOR TEMPORARY SEEDING PURPOSES. IN THE FALL THE CONTRACTOR SHALL USE ANNUAL RYEGRASS APPLIED AT 80 LBS/ACRE OR WINTER WHEAT OR CEREAL RYE APPLIED AT 131 LBS/ACRE. THE CONTRACTOR SHALL USE STRAW MULCH APPLIED AT 1.5 TONS/ACRE DORMANT SEED SHALL BE USED WHEN SOIL TEMPERATURE IS CONSISTENTLY BELOW 53 DEGREES FAHRENHEIT (TYPICALLY NOV. 1 UNTIL SNOW COVER ANNUALLY). NEVER PLACE SEED ON TOP OF SNOW. IF COVER IS NEEDED AFTER SNÓW FALL. CONTRACTOR MAY CHOOSE TO USE A DRY, NONTOXIC TYPE B SOIL STABILIZER PER MANUFACTURER'S SPECIFICATIONS AS REQUIRED BY THE WDNR.
 - G. SEEDING SHALL NOT TAKE PLACE WHEN THE SOIL IS TOO WET. H. CONTRACTOR MAY CONSIDER WATERING TO HELP ESTABLISH THE SEED. WATER APPLICATION RATES SHALL BE CONTROLLED TO HELP PREVENT
 - I. DURING CONSTRUCTION, AREAS THAT HAVE BEEN SEEDED AND MULCHED SHALL AT A MINIMUM BE INSPECTED WEEKLY AND WITHIN 24 HOURS AFTER EVERY PRECIPITATION EVENT THAT PRODUCES 1/2 INCH OF RAIN OR MORE DURING A 24 HOUR PERIOD. INSPECT WEEKLY DURING THE GROWING SEASON UNTIL VEGETATION IS DENSELY ESTABLISHED OR THE SOD IS LAID. REPAIR AND RESEED AREAS THAT HAVE EROSION DAMAGE AS NECESSARY.
 - CONTRACTOR IS TO LIMIT VEHICLE TRAFFIC AND OTHER FORMS OF COMPACTION IN AREAS THAT ARE SEEDED AS MUCH AS POSSIBLE.
 - RE-SEED DRIVEN OVER AREAS AS NEEDED. K. MULCH SHOULD BE PLACED WITHIN 24 HOURS OF SEEDING.
 - MULCHING OPERATIONS SHALL NOT TAKE PLACE DURING PERIODS OF EXCESSIVELY HIGH WINDS THAT WOULD PRECLUDE THE PROPER PLACEMENT
 - M. MULCH THAT IS DISPLACED SHALL BE REAPPLIED AND PROPERLY ANCHORED. MAINTENANCE SHALL BE COMPLETED AS SOON AS POSSIBLE
 - N. WHEN CHANNEL EROSION MAT IS USED WITHIN CONSTRUCTION SITE DIVERSION AREAS, TECHNICAL STANDARDS 1053 AND 1066 SHALL BE
 - O. WHEN NON-CHANNEL EROSION MAT IS USED TECHNICAL STANDARD 1052
 - SHALL BE FOLLOWED. DEPENDING ON DURATION OF CONSTRUCTION, THE CONTRACTOR MAY NEED TO RE-SEED AND RE-STABILIZE THE TOPSOIL STOCKPILE AS NECESSARY TO DISCOURAGE SEDIMENT AND EROSION.
 - 6. A COPY OF EROSION CONTROL INSPECTION REPORTS AND THE APPROVED EROSION CONTROL PLANS SHALL BE KEPT ON SITE.
 - 7. CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL PRACTICES BY THE END
 - 8. LOCAL ROADS SHALL BE CLEAN BY THE END OF EACH WORKDAY. CONTRACTOR SHALL HAVE LOCAL ROADS SWEPT WHERE SEDIMENT ACCUMULATES.

DEWATERING PLAN

WITH CONSIDERATION TO SITE CONDITIONS.

TO FACILITATE CONSTRUCTION AT THE PROJECT SITE, DEWATERING MAY TAKE PLACE BY THE SELECTED CONTRACTOR. CONTRACTOR TO FOLLOW THESE INSTRUCTIONS WHILE PERFORMING DEWATERING ACTIVITIES ON-SITE. IF DEWATERING IS TO TAKE PLACE AT THE SITE, IT WILL OCCUR BETWEEN STEPS 3 AND 14 OF THE EROSION CONTROL OPERATION SEQUENCE.

NOTE: THESE INSTRUCTIONS DO NOT APPLY TO WATER BEING DISCHARGED DIRECTLY TO GROUNDWATER OR KARST FEATURES OR WELL DEWATERING SYSTEMS. CONTRACTOR SHALL COORDINATE ACCORDINGLY FOR OTHER DEWATERING ACTIVITIES AS DEEMED NECESSARY WITH THE WDNR.

GEOTEXTILE FABRIC,

FLOW DIRECTION ——

BURIED FABRIC -

MIN. 6" DEPTH

GEOTEXTILE FABRIC, —

ATTACH TO STAKES

& CROSS BRACING.

TYPF FF

INLET WITH OR-

WITHOUT GRATE

GENERAL NOTES

INLET PROTECTION. TYPE A

MANUFACTURED ALTERNATIVES APPROVED AND LISTED ON THE DEPARTMENT'S EROSION CONTROL PRODUCT ACCEPTABILITY LIST MAY BE

WHEN REMOVING OR MAINTAINING INLET PROTECTION, CARE SHALL BE TAKEN SO THAT THE SEDIMENT TRAPPED ON THE GEOTEXTILE

FINISHED SIZE SHALL EXTEND A MINIMUM OF 10" AROUND THE PERIMETER TO FACILITATE MAINTENANCE OR REMOVAL. SIDE FLAPS,

FOR INLET PROTECTION, TYPE C (WITH CURB BOX), FLAP POCKETS SHALL BE LARGE ENOUGH TO ACCEPT WOOD 2"X4". THE REBAR,

WHERE REQUIRED SHALL BE A MIN. OF TWO INCHES LONG. FOLD THE FABRIC OVER AND REINFORCE WITH MULTIPLE STITCHES.

FABRIC DOES NOT FALL INTO THE INLET. ANY MATERIAL FALLING INTO THE INLET SHALL BE REMOVED IMMEDIATELY.

STEEL PIPE, OR WOOD SHALL BE INSTALLED IN THE FLAP AND NOT BLOCK THE TOP HALF OF THE CURB BOX OPENING.

TYPE FF

. THE CONTRACTOR SHALL ENSURE THAT THE DEWATERING PRACTICES CARRIED OUT MEET OR EXCEED WNDR TECHNICAL STANDARD NUMBER 1061. 2. A PAN OR OTHER CONTAINMENT DEVICE SHALL BE PLACED UNDERNEATH THE PUMP TO CAPTURE ANY SPILLS. OILS, GASOLINE, ETC. SHALL NOT BE STORED WITHIN WETLANDS, NEAR THE STORMWATER POND,

OR OTHER ON-SITE WATER AREAS. 3. A TYPE 2 GEOTEXTILE BAG THAT IS NO SMALLER THAN 100 SQUARE FEET; HAS A MAXIMUM APPARENT OPENING SIZE OF 0.212 mm; HAS A GRAB TENSILE STRENGTH OF 300 LBS; MULLEN BURST OF 580 PSI; PERMEABILITY OF 0.2 CM/SEC; FABRIC WEIGHT OF 12 OZ SHALL BE USED. THE GEOTEXTILE BAG AREA AND DOWNGRADE FLOW AREA SHALL CONSIST OF VEGETATED AND UNDISTURBED SOILS.

4. POLYMER APPROVED BY THE WDNR MEETING WDNR TECHNICAL STANDARD 1051 MAY BE USED IN COMBINATION WITH THE DEWATERING BAG IF THE DEWATERING BAG IS NOT DOING AN ADEQUATE JOB ALONE OF FILTERING SEDIMENTS. THE CONTRACTOR SHALL SUPPLY TOXICITY TESTING DATA TO THE WDNR BEFORE USE ON-SITE FOR WDNR APPROVAL. POLYMER SHALL NOT BE DIRECTLY APPLIED TO SURFACE WATER. CONTRACTOR SHALL OBTAIN THE MATERIAL SAFETY DATA SHEETS (MSDS) FOR THE SELECTED POLYMER, MANUFACTURER'S INFORMATION AND WDNR USE RESTRICTIONS (SEE TECHNICAL STANDARD 1051) AND KEEP ALL THIS INFORMATION ON-SITE. CONTRACTOR SHALL ADHERE TO MANUFACTURER AND WDNR'S APPLICATION RATES FOR THE POLYMER, WITH THE WDNR'S RATE TAKING PRECEDENCE. THE CONTRACTOR SHALL TAKE STEPS TO ENSURE THAT THE POLYMER IS NOT SPILLED. SPILL KITS SHALL BE KEPT ON SITE; THE MANUFACTURER'S RECOMMENDED CLEANUP PROCEDURES SHALL BE FOLLOWED IN THE EVENT OF A SPILL.

5. A TARP MAY BE UTILIZED UNDERNEATH THE TYPE 2 GEOTEXTILE BAG AND JUST DOWN SLOPE OF THE BAG TO DISCOURAGE EROSION AND SCOUR.

6. A FLOATING SUCTION HOSE OR OTHER FLOTATION METHOD SHALL BE UTILIZED WHEN PUMPING FROM AN

AREA WITH STANDING WATER TO AVOID SUCKING SEDIMENT FROM GRADE. 7. IF TURBID WATER IS LEAVING THE GEOTEXTILE BAG, THE CONTRACTOR SHALL SHUT OFF THE PUMP TO ALLOW SEDIMENTS TO SETTLE INTO THE BAG. CONTRACTOR SHALL FOLLOW THE MANUFACTURER'S SPECIFICATIONS FOR DETERMINING THE SEDIMENT CAPACITY OF THE GEOTEXTILE BAG USING GOOD COMMON SENSE. SEDIMENT LEVELS CONTAINED IN THE BAG SHALL BE MONITORED TO MEASURE THE LOSS OF STORAGE CAPACITY OVER TIME. THE CONTRACTOR SHALL PROPERLY DISPOSE OF THE GEOTEXTILE BAG IN A WASTE RECEPTACLE ONCE IT IS NO LONGER USED.

8. DURING DEWATERING ACTIVITIES THE CONTRACTOR SHALL MONITOR DEWATERING PRACTICES AND KEEP A LOG OF THE FOLLOWING:

- A. DISCHARGE DURATION AND SPECIFIED PUMPING RATE
- B. OBSERVED WATER TABLE AT TIME OF DEWATERING.
- C. MAINTENANCE ACTIVITIES
- D. NAME AND QUANTITY OF POLYMER USED. PRODUCT TYPE. APPLICATION RATE OF POLYMER IN POUNDS/ACRE FEET OF WATER. DATE AND TIME APPLIED. WEATHER CONDITIONS DURING APPLICATION. METHOD OF APPLICATION.

THIS LOG NEEDS TO BE KEPT ON SITE FOR WDNR REGULATORY REVIEW. COPIES OF THIS DOCUMENTATION SHOULD BE KEPT IN THE CONTRACTOR'S MONITORING LOG AND MADE AVAILABLE UPON REQUEST. REVIEW THE FOLLOWING FOR MORE INFORMATION:

- WDNR TECHNICAL STANDARD 1061 FOR DEWATERING -
- http://dnr.wi.gov/topic/stormWater/documents/Dewatering_1061.pdf
- 14. BARE SOIL LEFT UNDISTURBED FOR 14 CALENDAR DAYS MUST BE TEMPORARILY STABILIZED PER WDNR WDNR TECHNICAL STANDARD 1051 FOR POLYMER -TECHNICAL STANDARD 1059. BY OCTOBER 15, THE SITE SHALL BE STABILIZED PER NOTE 10 ABOVE. http://dnr.wi.gov/topic/stormWater/documents/dnr1051.pdf

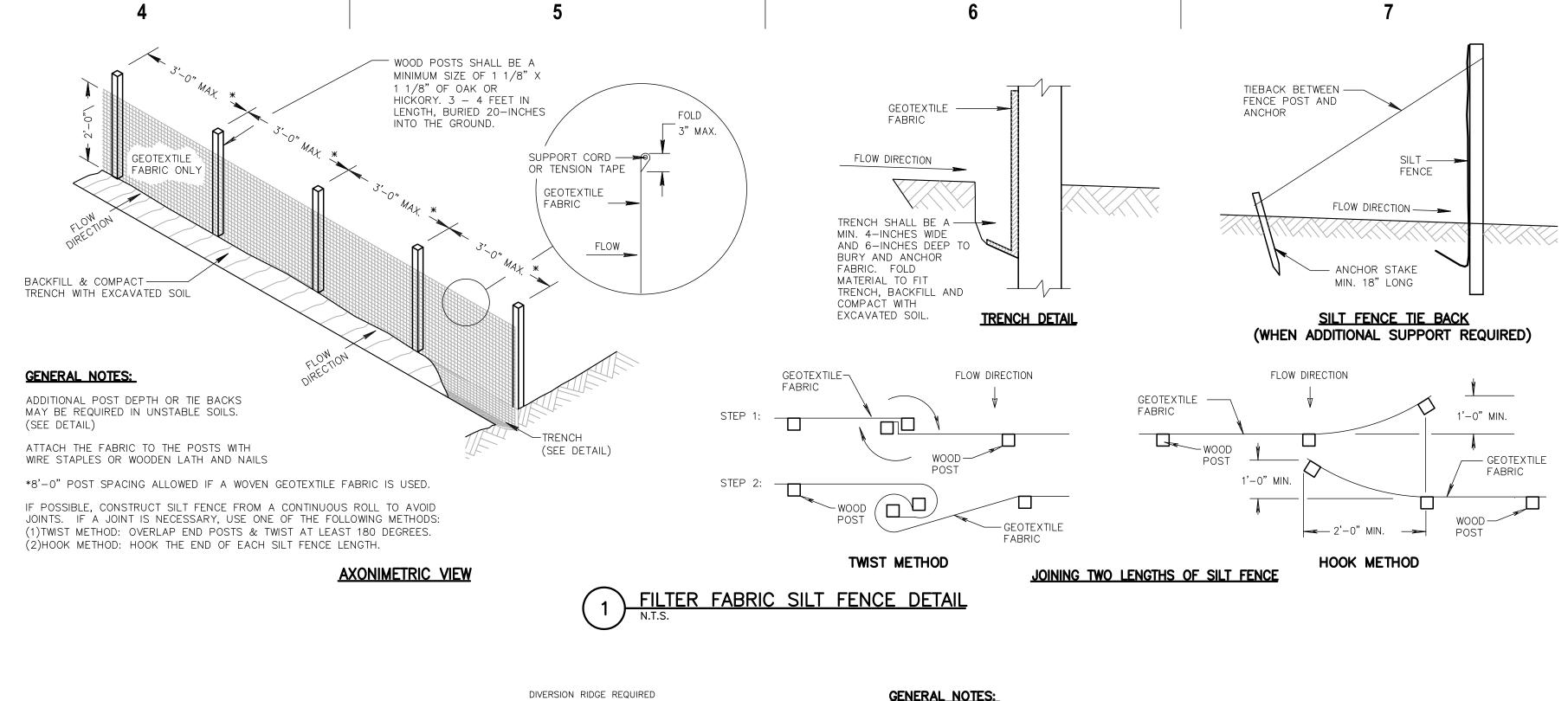
ADEQUATE RAIN IS NOT EXPERIENCED WITHIN ONE WEEK AFTER INITIAL SEED GERMINATION AT ANY POINT DURING THE CONSTRUCTION PROCESS, WATER SHALL BE TRUCKED IN AND APPLIED ONCE PER WEEK. F CONSTRUCTION SCHEDULES SHOULD CHANGE SIGNIFICANTLY, THIS PLAN NARRATIVE WILL BE UPDATED AND RESUBMITTED BY THE GENERAL CONTRACTOR TO THE CITY AND WDNR.

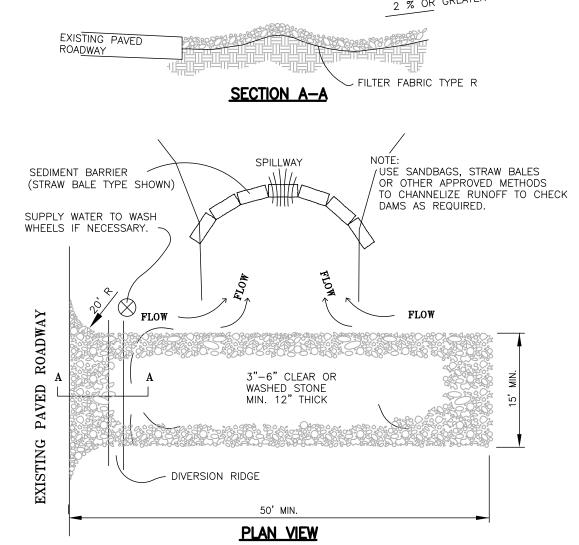
15. WE DO NOT ANTICIPATE THE NEED FOR WATERING WITH THIS CONSTRUCTION SCHEDULE, HOWEVER, IF

TABLE 1 - MAXIMON	1 PERIOD OF BARE SOIL FOR SLOPES	GREATER THAN 20 %
 OPE AREA DRAINS TO SEDIMENT BASIN?	LAND DISTURBANCE BETWEEN SEPT. 16 AND MAY 1	LAND DISTURBANCE BETWEEN MAY 2 AND SEPT. 15
YES	90 DAYS	90 DAYS
NO	60 DAYS	30 DAYS

INSPECT ALL EROSION CONTROL MEASURES PRIOR TO COMMENCING GRADING, GRUBBING OR OTHER LAND DISTURBING ACTIVITIES. EROSION CONTROL MEASURES MUST BE INSPECTED WEEKLY AND WITHIN 24 HOURS OF EVERY PRECIPITATION EVENT OF 0.50 INCH OR GREATER, IN ADDITION THE CONTRACTOR SHALL CONDUCT DAILY INSPECTIONS AND DOCUMENT CONDITIONS AND REPAIRS MADE, ALONG WITH DATE, TIME OF INSPECTION AND WEATHER CONDITIONS IN A DAILY LOG BOOK, THE DAILY LOG BOOK, WEEKLY / 0.50 INCH PRECIPITATION REPORTS, APPROVED PLANS WPDES PERMIT & CHAPTER 30 PERMIT SHALL BE KEPT IN AN ACCESSIBLE LOCATION, LIKE A MAILBOX, WITHIN THE STAGING AREA.

AT ABSOLUTELY NO TIME MAY CONSTRUCTION EQUIPMENT, DEBRIS, FILL, ETC. BE PLACED WITHIN WETLANDS, WATERWAYS OR FLOODPLAINS UNLESS IDENTIFIED IN THE PLANS & APPROVED BY DNR/





GENERAL NOTES:

THE AGGREGATE SIZE FOR CONSTRUCTION OF THE PAD SHALL BE 3- TO 6-INCH STONE. PLACE THE GRAVEL TO THE SPECIFIC GRADE & DIMENSIONS SHOWN ON THE PLANS & GRADE TO CREATE A SMOOTH SURFACE. THE THICKNESS OF THE PAD SHALL NOT BE LESS THAN 12 INCHES. USE GEOTEXTILE FABRICS, IF NECESSARY, TO IMPROVE STABILITY OF THE FOUNDATION IN

LOCATIONS SUBJECT TO SEEPAGE OR HIGH WATER

THE WIDTH OF THE PAD SHALL NOT BE LESS THAN THE FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS & IN ANY CASE SHALL NOT BE LESS THAN 15 FEET WIDE. THE LENGTH OF THE PAD SHALL BE AS REQUIRED, BUT NOT LESS THAN 50 FEET. LOCATE CONSTRUCTION ENTRANCES & EXITS TO LIMIT SEDIMENT LEAVING THE SITE & TO PROVIDE FOR

AVOID ENTRANCES WHICH HAVE STEEP GRADES & ENTRANCES AT CURVES IN PUBLIC ROADS. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE & REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO

MAXIMUM UTILITY BY ALL CONSTRUCTION VEHICLES.

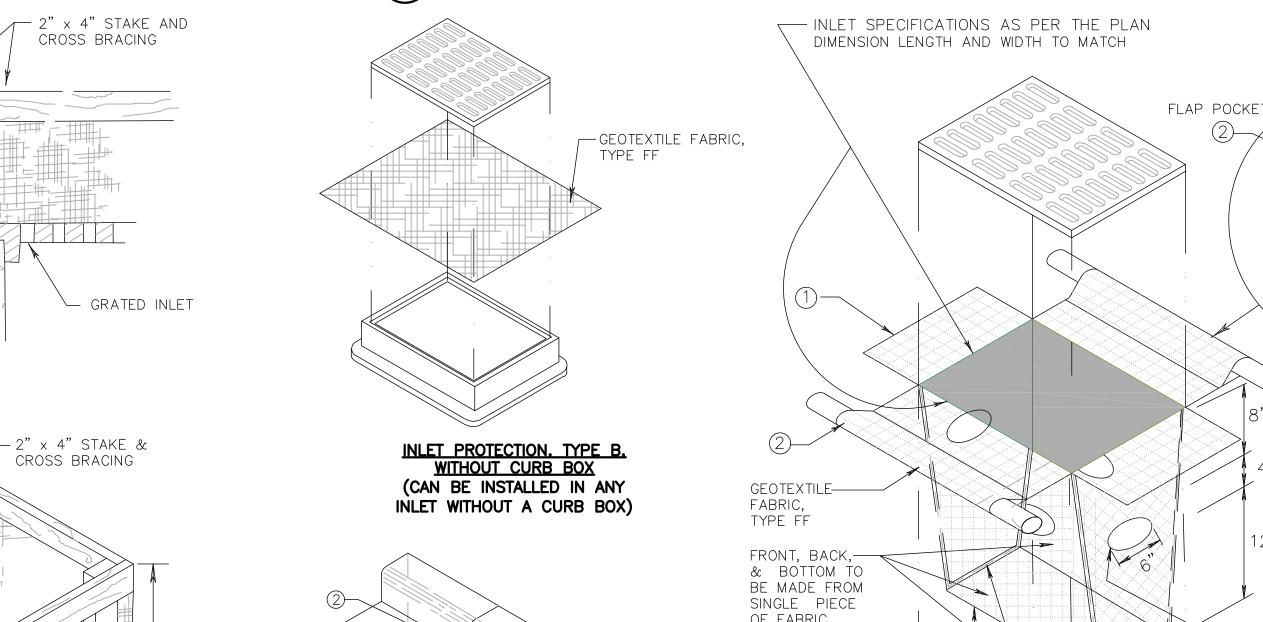
TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY SHALL BE REMOVED BY THE END OF THE WORK DAY.

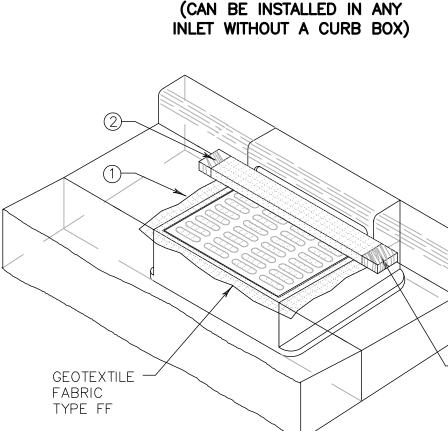
PROVIDE DRAINAGE FOR A 2 YEAR - 24 HOUR EVENT TO CARRY WATER TO A SEDIMENT TRAP OR OTHER SUITABLE OUTLET. WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHTS-OF-WAY. WHEN WASHING IS REQUIRED,

DESIGNATE AN AREA WITH CRUSHED STONE THAT

DRAINS INTO AN APPROVED SEDIMENT TRAP OR

STONE TRACKING CONSTRUCTION ENTRANCE





OF FABRIC. MINIMUM DOUBLE STITCHED SEAMS ALL AROUND SIDE PIECES & ON FLAP POCKETS. WOOD 2" x 4" EXTENDS B" BEYOND GRATE WIDTH

ON BOTH SIDES, LENGTH

VARIES. SECURE TO GRATE WITH WIRE OR PLASTIC TIES OF TRANSPORTATION STANDARD DETAIL DRAWING 8 E 10-2.

INLET PROTECTION. TYPE D.

(CAN BE INSTALLED IN ANY INLET TYPE, WITH OR

WITHOUT A CURB BOX)

PROJECT MANAGER PROJECT NUMBER

SITE DETAILS

KAPUR & ASSOCIATES, INC.

CONSULTING ENGINEERS

Phone: 414.351.6668 Fax: 414.351.4117

www.kapurengineers.com

PROGRESS DOCUMENTS - NOT FOR CONSTRUCTION

7711 N. PORT WASHINGTON ROAD

MILWAUKEE, WISCONSIN 53217

SHEET INFORMATION

eppstein uhen : architects

milwaukee 333 East Chicago Street

PROJECT INFORMATION

FRANKLIN PLACE

REDEVELOPMENT

1632 N. FRANKLIN PL

MILWAUKEE, WI

ISSUANCE AND REVISIONS

KEY PLAN

USE REBAR OR STEEL

ROD FOR REMOVAL

USE WOOD 2" X 4",

GRATE WIDTH ON BOTH

SIDES, TOTAL LENGTH

VARIES. SECURE TO

PLASTIC TIES

4" X 6" OVAL HOLE

THIS DRAWING BASED ON

WISCONSIN DEPARTMENT

GRATE WITH WIRE OR

SHALL BE HEAT CUT INTO

ALL FOUR SIDE PANELS.

EXTEND 8" BEYOND

DESCRIPTION

madison

Milwaukee, Wisconsin 53202

3 0 9 West Johnson Street, Suite 202

Madison, Wisconsin 53703

telephone 414 . 271 . 5350

telephone 608.442.5350

UTILIZE INLET PROTECTION TYPE D IN INLETS DEEPER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE. THE INSTALLED BAG SHALL HAVE A MINIMUM SIDE CLEARANCE, BETWEEN THE INLET WALLS AND THE BAG, MEASURED AT THE BOTTOM OF THE OVERFLOW HOLES, OF 3". WHERE NECESSARY THE CONTRACTOR MAY CINCH THE BAG, USING PLASTIC ZIP TIES, TO FIT INLETS LESS THAN 30" DEPTH. THE TIES SHALL BE PLACED AT A MAXIMUM OF 4" FROM THE BOTTOM OF THE BAG.

TRIM EXCESS FABRIC A MINIMUM OF 10" AROUND GRATE FOR MAINTENANCE OR REMOVAL. THE CONTRACTOR SHALL DEMONSTRATE A

METHOD OF MAINTENANCE, USING A SEWN FLAP, HAND HOLDS OR OTHER METHOD TO PREVENT ACCUMULATED SEDIMENT FROM

INLET PROTECTION, TYPE C. WITH CURB BOX

INSTALLATION NOTES

ENTERING THE INLET.

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milwaukee 3 3 3 East Chicago Street Milwaukee, Wisconsin 53202 telephone 414 . 271 . 5350 309 West Johnson Street, Suite 202 Madison, Wisconsin 53703 telephone 608.442.5350

PROJECT INFORMATION

FRANKLIN PLACE REDEVELOPMENT

1632 N. FRANKLIN PL MILWAUKEE, WI

ISSUANCE AND REVISIONS

DATE DESCRII
03/17/17 DPD SUBMITTAL DESCRIPTION

KEY PLAN

KAPUR & ASSOCIATES, INC. 7711 N. PORT WASHINGTON ROAD MILWAUKEE, WISCONSIN 53217 Phone: 414.351.6668 Fax: 414.351.4117

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SHEET INFORMATION

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PROJECT MANAGER

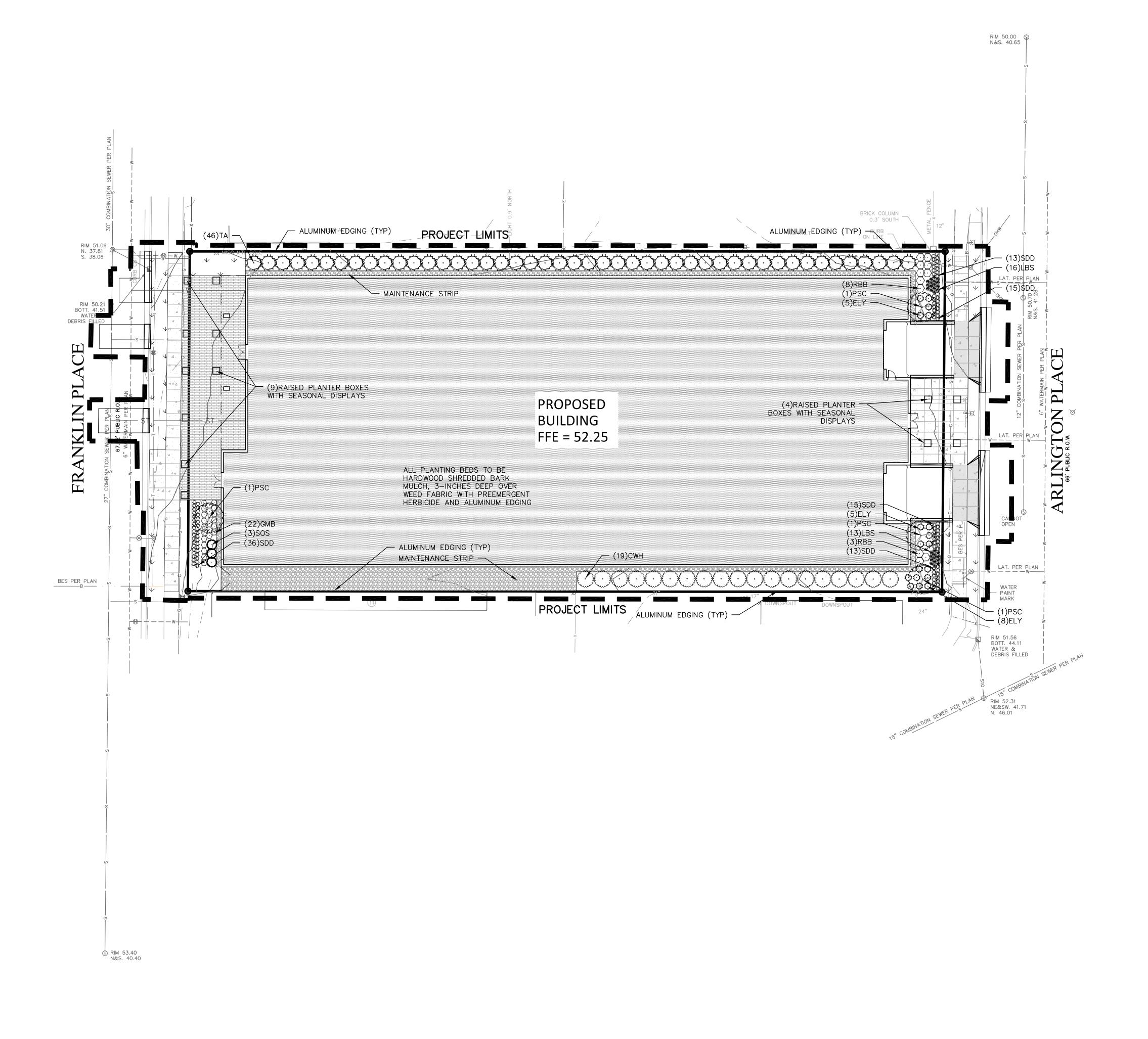
PROJECT NUMBER

Scale: 0 10 20 Scale: 1" = 20'

Dial or (800)242-8511 www.DiggersHotline.com

SITE LANDSCAPE PLAN

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1. ALL PLANT MATERIAL SHALL BE OBTAINED FROM A NURSERY LOCATED IN ZONE 5, CONFORM TO APPLICABLE REQUIREMENTS OF THE CURRENT EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, AND BOTANICAL NAMES SHALL BE ACCORDING TO THE CURRENT EDITION OF "STANDARDIZED PLANT NAMES PREPARED BY THE AMERICAN JOINT COMMITTEE ON HORTICULTURE NOMENCLATURE.

2. CONTRACTOR TO PROVIDE TO THE LANDSCAPE ARCHITECT SAMPLES OF ALL BARK AND MINERAL/STONE MULCHES, DECORATIVE GRAVELS, MAINTENANCE STRIP STONE, OR OTHER GROUND COVER MATERIALS FOR APPROVAL PRIOR TO INSTALLATION.

3. BARK MULCH TO BE FRESHLY ACQUIRED HARDWOOD SHREDDED BARK MULCH. NOT DOUBLE MILLED, EXCESSIVE DIRT AND DUST LIKE MATERIAL OR OLD MATERIAL IS NOT ACCEPTABLE.

4. LANDSCAPE EDGING TO BE ALUMINUM EDGING. REFER TO SPECIFICATION 32 93 00 PLANTS FOR ADDITIONAL INFORMATION.

5. ALL PLANTING AREAS TO RECEIVE A 3-INCH THICK LAYER OF HARDWOOD SHREDDED BARK MULCH OVER TYPAR WEED FABRIC WITH EDGING. EDGING TO BE INSTALLED BETWEEN DIFFERENT TYPES OF MULCHES, BETWEEN MULCHES AND TURF, AND/OR WHERE SPECIFICALLY NOTED ON THE PLAN. REFER TO SPECIFICATION 32 93 00 PLANTS FOR ADDITIONAL INFORMATION.

6. INSTALL SHOVEL CUT EDGE AROUND ALL INDIVIDUAL TREES AND SHRUBS IN LAWN AREAS AND ALONG PAVEMENT WHERE PLANTING AREAS ABUT TO PREVENT HARDWOOD SHREDDED BARK MULCH FROM SPILLING OUT OF PLANTING AREA.

7. CONTRACTOR RESPONSIBLE FOR MAINTENANCE OF PLANT MATERIAL FOR 90 DAYS FROM INSTALLATION, INCLUDING WATERING, WEEDING, ETC. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF SEEDED AREAS FOR 60 DAYS FROM INSTALLATION, INCLUDING WATERING, WEEDING, ETC. CONTRACTOR TO PROVIDE AND REVIEW MAINTENANCE INSTRUCTIONS WITH THE OWNER PRIOR TO THE COMPLETION OF THESE MAINTENANCE PERIODS.

8. CLEANLY PRUNE AND REMOVE DAMAGED BRANCHES, DEAD WOOD, AND ROOTS IMMEDIATELY PRIOR TO PLANTING. DO NOT CUT LEADERS OR LEAVE "V" CROTCHES OR DOUBLE LEADERS UNLESS A MULTI-STEM TREE IS SPECIFIED.

9. REMOVE BURLAP, WIRE BASKET, ROPE, TWINE, AND ALL SYNTHETIC MATERIAL FROM THE ROOTS, TRUNK, OR CROWN OF PLANT.

10. REMOVE EXCESS SOIL ABOVE ROOT COLLAR.

REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

11. PLANT TREES AND SHRUBS SO THAT THE ROOT COLLAR IS 2" ABOVE FINISHED GRADE OR SEVERAL INCHES ABOVE GRADE IF PLANT IS INSTALLED IN POOR SOILS.

12. PLANT TREES AND SHRUBS WITH SAME ORIENTATION AS WHEN HARVESTED FROM THE NURSERY OR TO SHOWCASE THE MOST AESTHETIC VIEW.

13. PLANT ALL TREES WITH THREE SLOW RELEASE FERTILIZER PACKETS, SPACED EQUIDISTANT AROUND THE EDGE OF THE ROOT BALL.

14. PLANT ALL SHRUBS WITH ONE SLOW RELEASE FERTILIZER PACKET, PLACED BELOW THE ROOTING SYSTEM.

15. WATER AND TAMP BACKFILL AND ROOTS OF ALL NEWLY SET PLANT MATERIAL SO THE SOIL AND ROOTS ARE THOROUGHLY SOAKED AND AIR POCKETS ARE REMOVED.

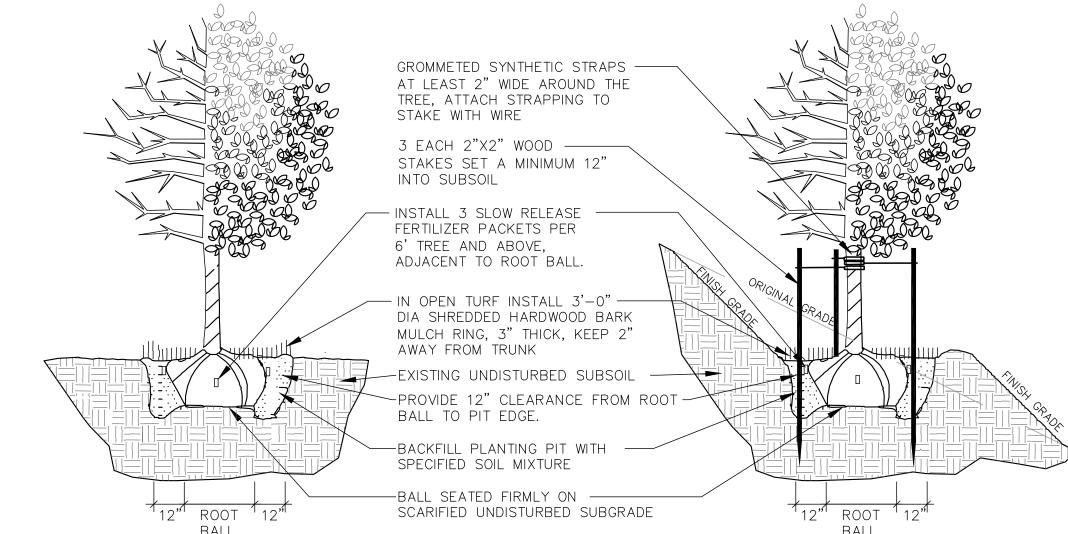
16. FOR INDIVIDUAL TREES & SHRUBS PLANTED IN TURF AREAS, PROVIDE CONTINUOUS 3" SOIL SAUCER TO CONTAIN WATER & MULCH (TREES ON SLOPES SHALL BE SAUCERED ON THE DOWNHILL SIDE)

18. STAKING — ONLY STAKE EVERGREEN TREES 5'—0" OR GREATER IN HEIGHT OR TREES THAT ARE UNABLE TO REMAIN UPRIGHT AFTER PLANTING. TREES WILL BECOME STRONGER FASTER WHEN THE TOP 2/3 OF THE TREE IS FREE TO SWAY. DO NOT ATTACH WIRE DIRECTLY TO TREES OR THROUGH HOSES — UTILIZE GROMMETED, SYNTHETIC STRAPS AT LEAST 2" WIDE AROUND THE TREE, ATTACH STRAPPING TO STAKE WITH WIRE. STAKE ONLY WHEN NECESSARY. STAKES SHOULD BE DRIVEN DEEPLY INTO THE GROUND TO PREVENT DISLODGING. CHECK AT LEAST EVERY THREE MONTHS FOR BINDING OR OTHER PROBLEMS. STAKES AND TIES SHOULD BE REMOVED SIX MONTHS TO ONE YEAR AFTER PLANTING.

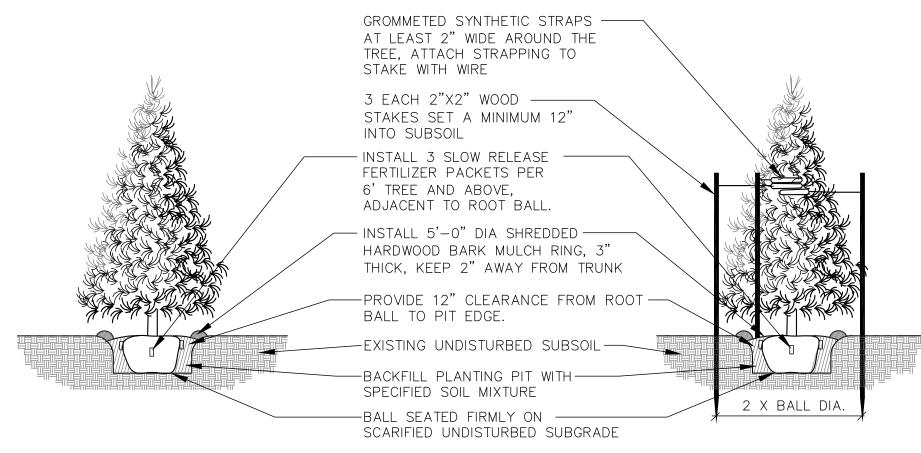
17. INSTALL 3" THICK SHREDDED HARDWOOD BARK MULCH RING 3'-0" DIA. FOR DECIDUOUS TREES AND ALL INDIVIDUAL SHRUBS IN LAWN AREAS, 5'-0" DIA. FOR EVERGREEN TREES. KEEP MULCH 2" AWAY FROM TRUNKS.

19. REFER TO SPECIFICATIONS 32 93 00 PLANTS AND 32 92 00 TURF AND GRASSES FOR ADDITIONAL INFORMATION.

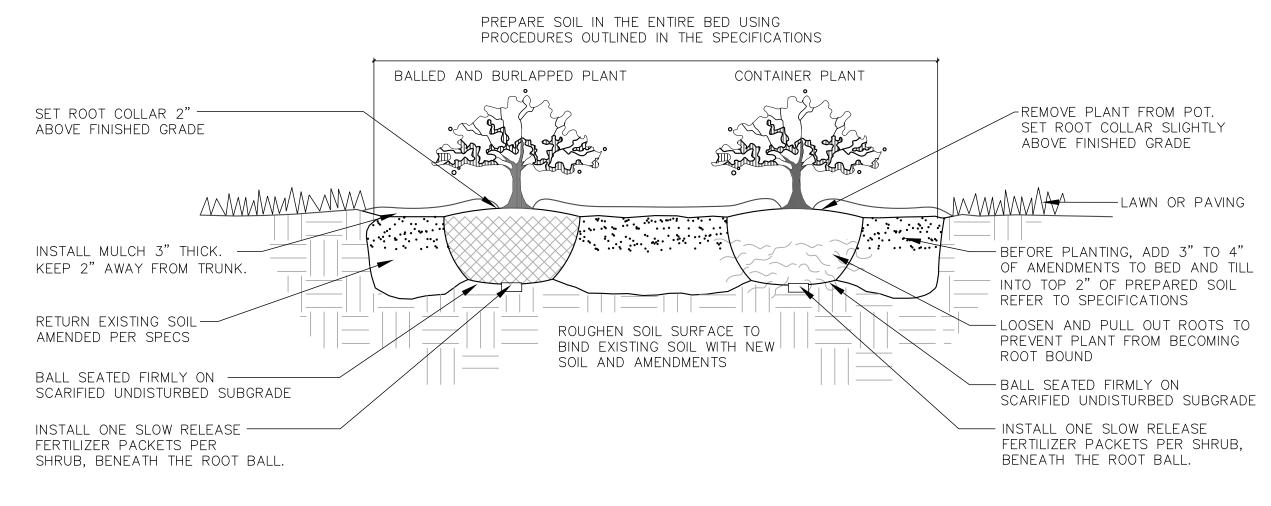




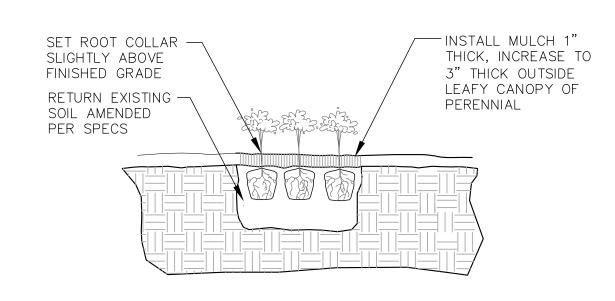
DECIDUOUS TREE PLANTING, STAKING, & PLANTING ON A SLOPE



4 EVERGREEN TREE PLANTING & STAKING
N.T.S.



5 DECIDUOUS & EVERGREEN SHRUB PLANTING
N.T.S.



6 PERENNIAL PLANTING



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PROJECT INFORMATION

FRANKLIN PLACE REDEVELOPMENT

1632 N. FRANKLIN PL MILWAUKEE, WI

D

ISSUANCE AND REVISIONS

DATE DESCRIPTION

03/17/17 DPD SUBMITTAL

KEY PLAN



SHEET INFORMATION

PROGRESS DOCUMENTS - NOT FOR CONSTRUCTION

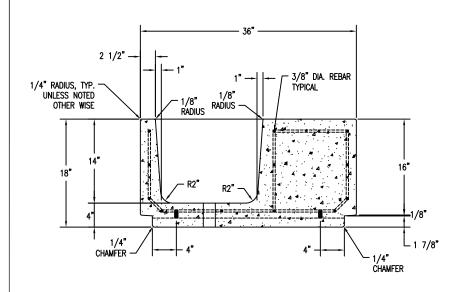
PROJECT MANAGER

PROJECT NUMBER

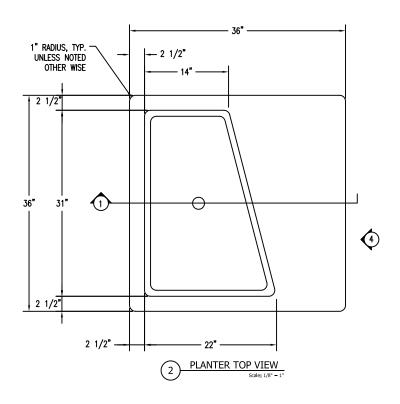
SITE LANDSCAPE DETAILS

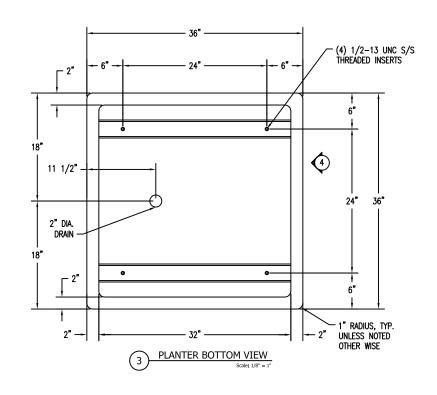
L102

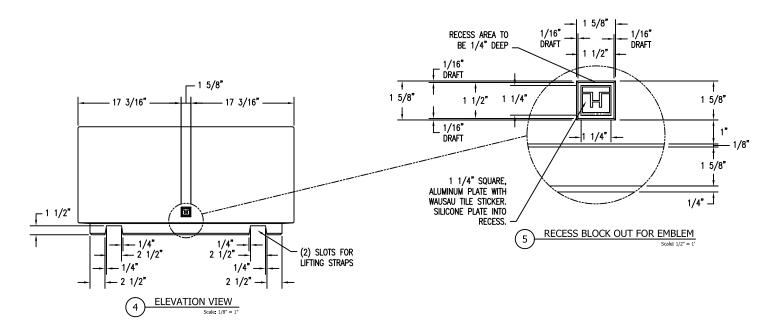
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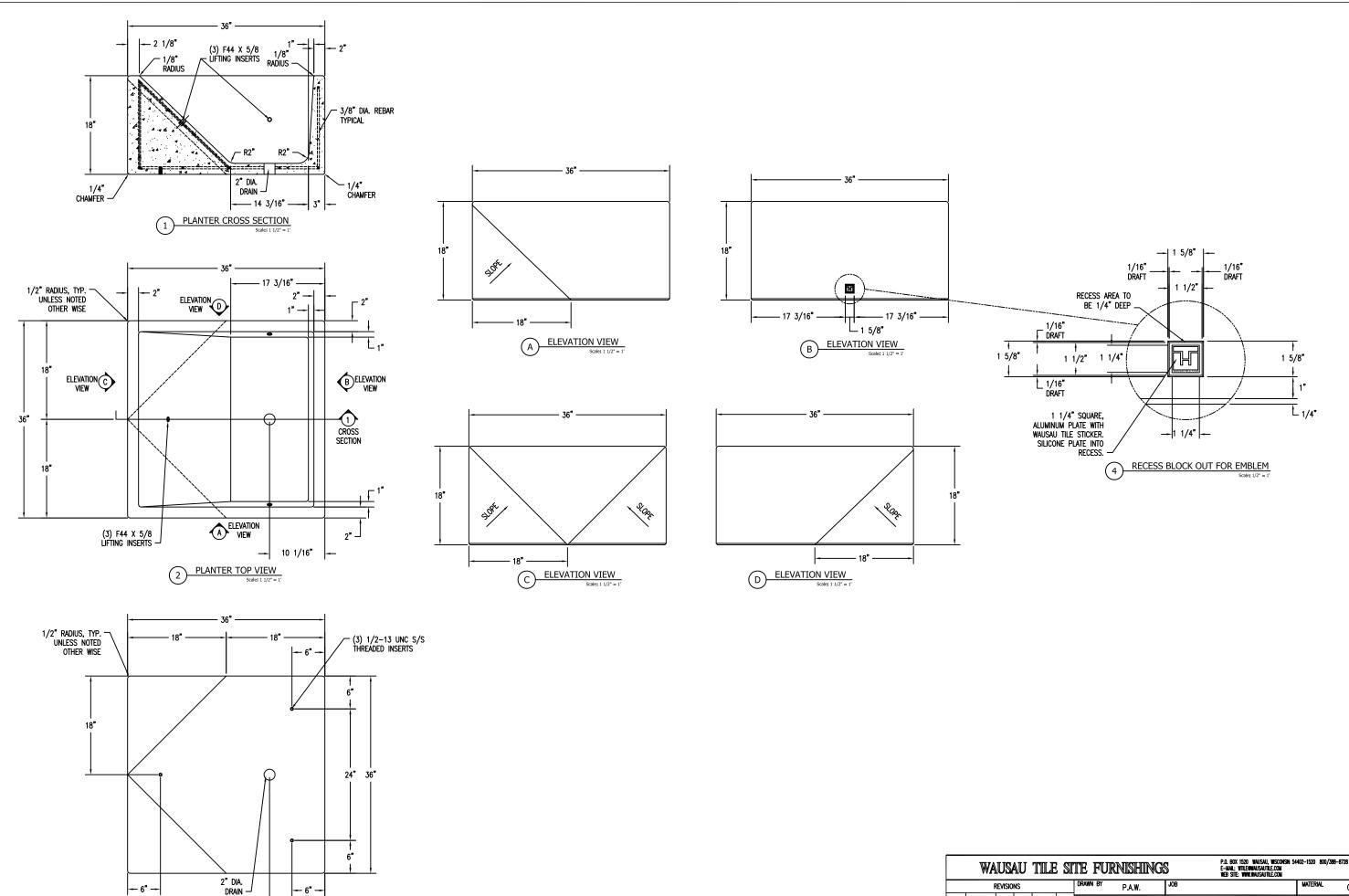
PLANTER CROSS SECTION
Scale: 1/8" = 1"







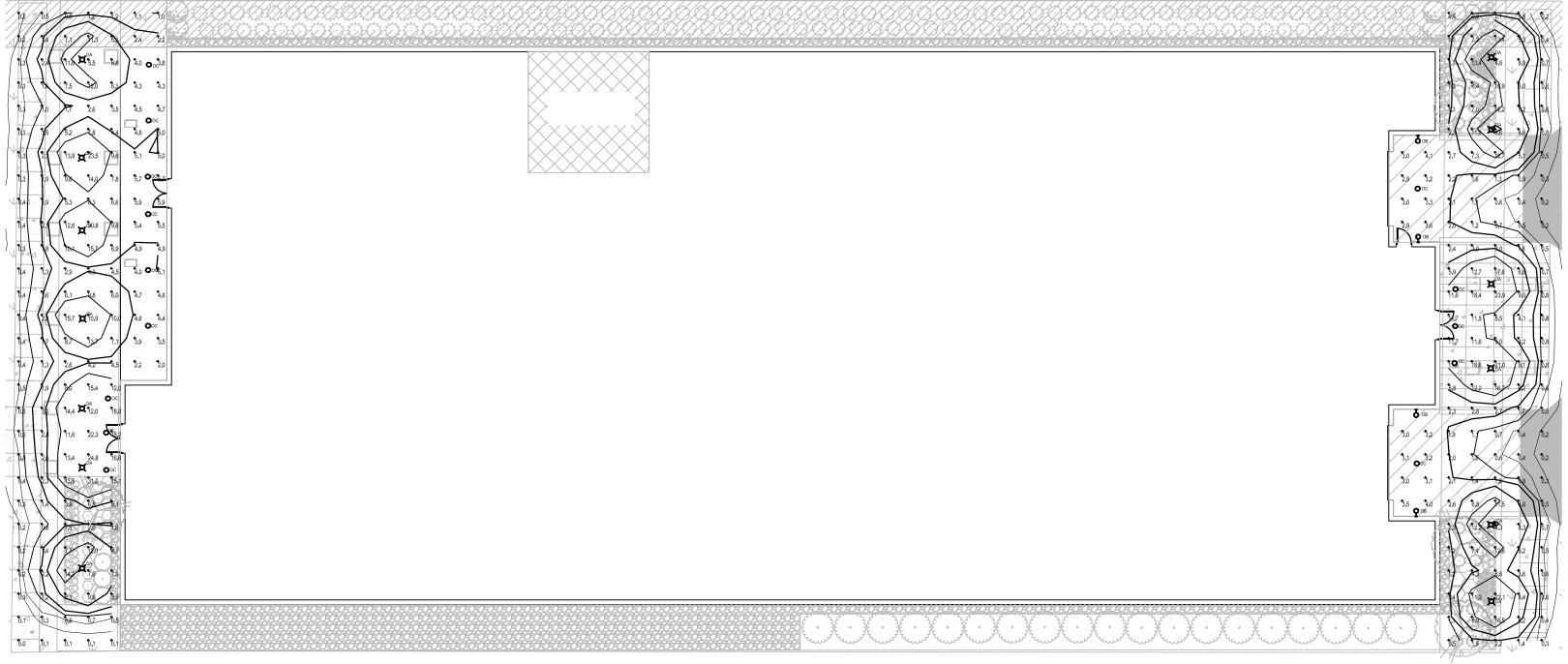
	WAUSAU TILE SITE FURNISHINGS P.O. 500 (1500 MULDAL) INSCORSAN 5-4402-1520 800/388-8728 E-MAL WILLERMANSAUTILE DAI HER SITE WINE MANSAUTILE DAI											
	F	revisio	NS			DRAWN BY P.A.W.	JOB		MATERIAL CONCRETE			
NO.	DATE	BY	NO.	DATE	BY	JOB NO.	LOCATION		WEIGHT 1,300 LBS			
1	12/2/09	PAW	4			SCALE		DATE	ITEM NO			
2			5			AS NOTED	UNLESS OTHERWISE SPECIFIED	1/22/09	WS-123			
3			6				DIMENSIONS ARE IN INCHES Tolerances: ± 1/8"	FINISH OPTIONS	DWG. NO. 1 OF 1			



10 1/16" -

3 PLANTER BOTTOM VIEW
Scale: 1 1/2" - 1"

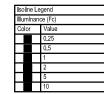
	WA		AU.	TILE		TE FURNISHING:	E-MAL: W	TILEOWAUSAUTILE.COM WWW.Wausautile.com	-102-1020 000 <i>j</i>	300-0720
	F	REVISIO	NS			DRAWN BY P.A.W.	JOB		MATERIAL	CONCRETE
NO.	DATE	BY	NO.	DATE	BY	JOB NO.	LOCATION	WEIGHT 850 LBS		
1	12/2/09	PAW	4			SCALE		DATE	ITEM NO.	
2			5			AS NOTED	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	1/28/09		
3			6				TOLERANCES: ± 1/8"	FINISH Options	DWG. NO.	WS-124



Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
Arlington	Illuminance	Fc	4.68	31.0	0.0	N.A.	N.A.
Franklin	Illuminance	Fc	4.00	23.9	0.0	N.A.	N.A.

Luminaire Schedule											
Symbol	Qty	Label	Description	Tag	Total Watts						
<u> </u>	13	DSXB_LED_16C_530_40K_SYM	Bollard	OA	364						
TF -	4	OLLWD	Wall Sconce	ОВ	34.4						
Ó	14	WF6_LED_40K	WF6 LED 40K	OC	189						

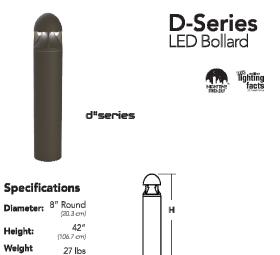
SCALE: 1" = 20'-0"











Catalog Number		
Nates		
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dit Alon Tale I	ey or mouse over the page to see all interactive elements.	-

Introduction

The D-Series LED Bollard is a stylish, energysaving, long-life solution designed to perform the way a bollard should—with zero uplight. An optical leap forward, this full cut-off luminaire will meet the most stringent of lighting codes. The D-Series LED Bollard's rugged construction, durable finish and long-lasting LEDs will provide years of maintenance-free service.

DSXB LED								
Series	LEOs	Drive current	Calor temperature	Distribution	Voltage	Control options	Other options	Finish (equires)
DSXB LED	Asymmetric 12C 12 LEDs ¹ Symmetric 16C 16 LEDs ²	350 350 mA 450 450 mA ^{3,4} 530 530 mA 700 700 mA	30K 3000 K 40K 4000 K 50K 5000 K AMBPC Amber phosphor converted AMBLW Amber limited wave ength ¹⁴	ASY Asymmetric ¹ SYM Symmetric ²	MVOLT 5 120 3 208 5 240 5 277 5 347 4	Shipped installed PE Photoelectric cell, button type DMG 0-109 dim- ming driver (no controls) ELCW Energency battery backups	Shipped installed SF Single fuse (20, 277, 347V) ³⁷ DF Double fuse (208, 240V) ⁴³ H24 24" overall height H30 30" overall height H36 36" overall height FG Ground-fault festoon outlet L/AB4 4-bolt retrofit base without anchor boits 5	DWHXD White DNAXD Natural aluminum DDBXD Dark bronze DBLXD Sextured dark bronze DBLBXD Sextured black DNATXD Sextured natural DWH6XD Sextured walke

Accessories

MRAB U Anchor bolts for DSXB

(max):

- Only available in the 12C, ASY version.
- Only available in the 16C. SYM version. Only available with 450 AMBLW varaion.
- Not available with ELCW.
- Not average and extract so any line voltage from 120-277V (50/60
 Hz), Specify 120, 209, 240 or 277 options only when ordering
 with fusing (SF, D= options), or photocontrol (PE option).
 Not average and advantage and so average and so av
- 7 Single Tisse (SF) requires 120, 277, or 347 voltage option. Double fuse (DF) requires 208 or 240 voltage option.

 8 MRAB U not available with L/AB4 option.

LITHONIA LIGHTING.

One Lithonia Way . Conyers, Georgia 30012 . Phone: 800.279.8041 . www.lithonia.com © 2012-2017 Acuity Brands Lighting, Inc. All rights reserved.

Performance Data

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Actual wattege may differ by +/- 8% when operating between 120-480V +/- 10%.

Light																						
Engines					В		G	Lumens		В	U	G	Lumens	TPW	В		G		LPW	В	U	G
Åsymmetric (12 LEDs)	350	16	1,194	75	1	0	1	1,283	80	1	0	1	1,291	81	1	0	1					
	530	22	1,719	78	1	0	1	1,847	84	1	0	1	1,859	85	1	0	1					
	700	31	2,173	70	1	0	1	2,335	75	1	0	1	2,349	76	1	0	1					
	Amber 450	16																348	22	1	0	1
	350	20	1,558	78	1	0	0	1,674	84	1	0	0	1,685	84	1	0	0					
Symmetric	530	28	2,232	80	2	0	1	2,397	86	2	0	1	2,412	86	2	0	1					
(16 LEOs)	700	39	2,802	72	2	0	1	3,009	77	2	0	1	3,028	78	2	0	1					
	Amber 450	20																419	21	1	0	1

Note: Available with phosphor-converted amber LED's (nomendature AMBPC). These LED's produce light with 97+% >530 nm. Output can be calculated by applying a 0.7 factor to 4000 K luman values and photometric files

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a 28°C ambient, based on 10,000 hours of LED testing (tasted per IESNA LM-80-88 and projected per IESNA TM-21-11).

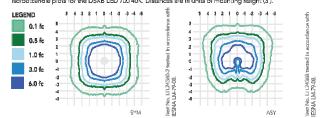
Operating Flours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.00	0.98	0.97	0.95

lectr	ical Load	d l		C.irrent (A)							
	Drive Current (mA)		120	208	240	277	347				
	350	16W	0.158	0.118	0.114	0.109	0.105				
12C	530	22₩	0.217	0.146	0.136	9.128	0.118				
120	700	31W	0.296	0.185	0.168	0.153	0.139				
	Amber 450	16W	0.161	0.120	0.115	0.119	0.106				
	350	20W	0.197	0.137	0.128	0.121	0.114				
16C	530	28₩	0.282	0.178	0.162	0.148	0.135				
IBC	700	39W	0.385	0.231	0.207	0.185	0.163				
	Amber 450	20W	0.199	0.139	0.130	0.123	0.116				

Photometric Diagrams

To see complete photometric reports or download lies files for this product, visit Lithonia Lighting's D-Series Bollard homepage.

Isofootcandle plots for the DSXB LED 703 40K. Distances are in units of mounting height (3').



FEATURES & SPECIFICATIONS

The rugged construction and maintenance-free performance of the D-Series LED Bollard is ideal for illuminating building entryways, walking paths and pedestrian plazas, as well as any other location requiring a low-mounting-height light source.

One-piece 8-inch-round extruded aluminum shaft with thick side walls for extreme durability, and die-cast aluminum reflector and top cap. Die-cast aluminum mounting ring allows for easy leveling even in uneven areas and full 360-degree rotation for precise alignment during installation. Three ½" x 11" anchor boits with double nuts and washers and 3-5/8" max, bolt circle template ensure stability. Overall height is 42" standard,

FINISH

Exterior parts are protacted by a zinc-infused super durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering for maximum retention of gloss and luster, A tightly controlled multi-stage process ensures a minimum 3-mil thickness for a finish that can withstand the elements without cracking or peeling. Available in both textured and non-textured finishes.

Two 0% uplight optical distributions are available; symmetrical and asymmetrical. IR66 sealed LED light engine provides smoothly graduated illumination without uplight. Light engines are evailable in standard 4000 K (>70 CRI) or optional 3000 K (>80 CRI) or 5000 K (67 CRI). Limited-wavelength amber LEDs are also available.

ELECTRICAL

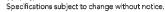
Light engines consist of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (L95/100,000 hours at 700mA at 25°C). Class 2 electronic drivers are designed for an expected life of 100,000 hours with < 1% failure rate. Electrical components are mounted on a removable power trav.

CSA certified to U.S. and Canadian standards. Light engines are IP66 rated. Rated for -40°C minimum ambient. Cold-weather emergency battery backup

Five-year limited warranty. Complete warranty terms located at:

Note: Actual performance may differ as a result of end-user environment and

All values are design or typical values, measured under laboratory conditions





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DSXB-LED





FEATURES & SPECIFICATIONS

Provides years of maintenance-free illumination for outdoor use in residential & commercial applications. Ideal for applications such as lighting walkways and stairways for safety and security.

Cast-aluminum housing with corrosion-resistant paint in either dark bronze or white finish.

ADA compliant.

OPTICS

4000K CCT LEDs.

Polycarbonate lens protects the LED from moisture, dirt and other contaminants,

LUMEN MAINTENANCE: The LED will deliver 70% of its initial lumens at 50,000 hour average LED life. See Lighting Facts label on page 2 for performance details,

ELECTRICAL

MVOLT driver operates on any line voltage from 120-277V

Operating temperature -30°C to 40°C.

1KV surge protection standard.

INSTALLATION

Surface mounts to universal junction box (provided by others). LISTINGS

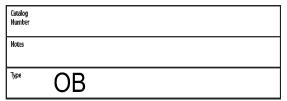
UL Listed to U.S. and Canadian safety standards for wet locations.

Tested in accordance with IESNA LM-79 and LM-80 standards.

WARRANTY --- 5-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms and conditions.aspx

Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C. Note: Specifications subject to change without notice.



Outdoor General Purpose

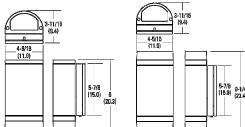
OLLWD & OLLWU







Specifications All dimensions are inches (centimeters)



ORDERING INFORMATION For sho	ortest lead times, configure products using b	olded options.		Example: OLLWD LED P1 40K MVOLT DDB
Series	Color temperature (CCT)	Voltage	Finish	
OLLWD LED Downlight OLLWU LED Up & downlight	49K 4000K	MVOLT 120V-277V 120 120V ¹	DDB Dark bronze WH White	

Only available with OLLWU and in DDB.

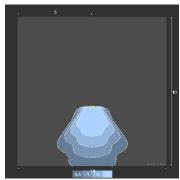
DECORATIVE INDOOR & OUTDOOR OLLWD-OLLWU

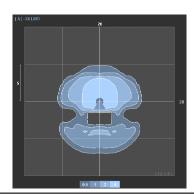
OLLWD & OLLWU LED Wall Cylinder Light

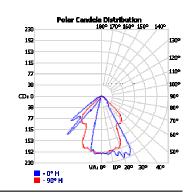
PHOTOMETRICS

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's Outdoor LED homepage Tested in accordance with IESNA LM-79 and LM-80 standards.

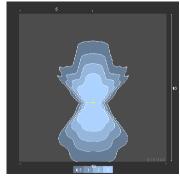
OLLWD

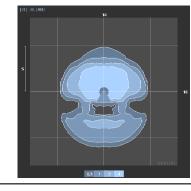


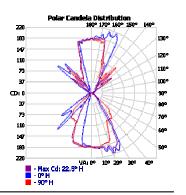




OLLWU











OLLWD-OLLWU



DEGORATIVE INDOOR & OUTDOOR: One Lithonia Way Conyers, GA 30012 Phone: 1-800-279-8041 www.lithonia.com

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FRANKLIN PLACE REDEVELOPMENT



FEATURES & SPECIFICATIONS

INTENDED USE — The 6° Wafer-Thin LED recessed downlight with remote driver box combining quality light output and efficiency while eliminating the pot light housing for competitive afform this innovative wafer-slim Type IC design allows easy installation for new construction or remodelow the ceiling without the requirement of a pot light housing. The LED module maintains at light output for 36,000 hours. These LED Wafer downlights are intended for closets, attics, houthrooms, kitchens, basements, soffits, entry ways, porches, garages, stairwells, corridors, light retirement homes, condos, elevators, apartments, and any other small areas.

CONSTRUCTION — Ideal for shallow celling plenum since a pot light housing is NOT required.

driver and fixture - approved for direct contact with insulation. Aluminum die cast outer frame, powder coat paint to prevent rust. Round fixture with integral edge-lit LED's. Steel spring clip installation. Plenum rated cable connector to connect from module to remote driver box. driver integrated inside steel remote box with four 7/8° knockouts with slots for pryout. Not it be for pulling wires.

INSTALLATION — Ideal for shallow ceiling plenum; no housing required. Steel spring clip esy installation. 6" cut out template is provided to ensure a correct sized hole is cut into ceiling for installation of the trim. Size of hole should not exceed 6 1/4 Inches for this product.

OPTICS — Wafer-Thin downlight edge-lit LED technology uses light guided plate to distribulight. Polycarbonate lens provides even illumination throughout the space, Utilized 3000K and 400 color temperature LEDs.

ELECTRICAL — Connect directly to 120¥ power supply via provided UL recognized driver. High driver with power factor > 0.9. Ambient operating temperature: -40°F (-40°C) to +104°F i 0°C). Dimming down to 10% (See page 2 for recommended dimmers). Standard input waitage is 7, 79 lumens per wait.

LISTINGS — CSA certified to US and Canadian safety standards. ENERGY STAR* certified prod Wet location. Air Tight certified in accordance with ASTM E283-2004.

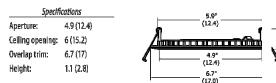
WARRANTY — 5-year limited warranty. Complete warranty terms located at:

www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.



All dimensions are inches (centimeters) unless otherwise indicated.



Wafer LED Recessed Downlight

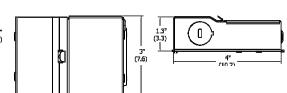
WF6

6" LED Module

New Construction/Remodel







WF6 6" wafer-thin LED downlight LED LED LED LLL LED LOW Lumen LED

tions (shown in bold).			Example: WF6 LED 30K MW		
CCT/CRI/W/Lumens ¹		Finish			
30K	3000K/80CRI/13W/1020L	ww	Matte white		
40K	4000K/80CRI/13.6W/1200L	MB	Matte black		
		BN BN	Brushed nickel		
30K	3000K/80CRI/12.6W/865L	ORB	Oil-rubbed bronze		
40K	4000K/80CRI/12,9W/944L				
		1			

Accessories: Order as separate catalog number.

WF6 PAN R12 6" new construction pan, retail pack of 12
WFIB R4 Remodel joist bar, retail pack of 4
WFEXC6 U 6' FT4 cable
WFEXC10 U 10' FT4 cable
WFEXC20 U 20' FT4 cable





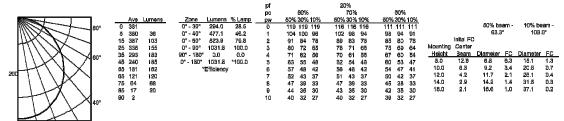
DOWNLIGHTING

WF6 6" LED Wafer Module

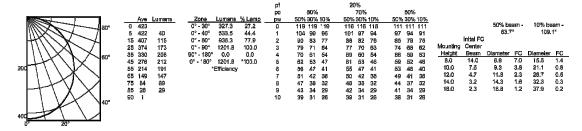
PHOTOMETRICS

Distribution Curve	Distribution Data	Output Data	Coefficient of Utilization	Illuminance Data at 30" Above Floor for
				a Single Luminaire

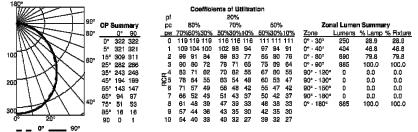
WF6 LED 30K, 3000 K LEDs, input watts: 13, delivered lumens: 1020, LM/W=78.5, test no. ISF 30024



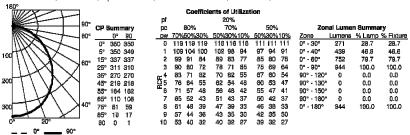
WF6 LED 40K, 4000 K LEDs, input watts: 13.6, delivered lumens: 1200, LM/W=88.2, test no. ISF 30376



WF6 LL LED 30K, 3000 K LEDs, input watts: 12.6, delivered lumens: 865, LM/W=68.7, test no. ISF 32781



WF6 LL LED 40K, 4000 K LEDs, input watts: 12.9, delivered lumens: 944, LM/₩=73.2, test no. ISF 32780





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WF6