



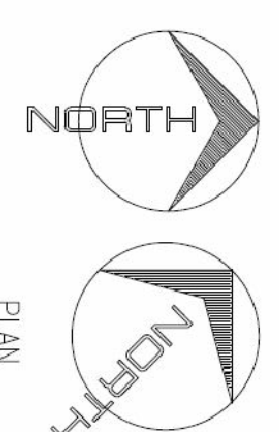
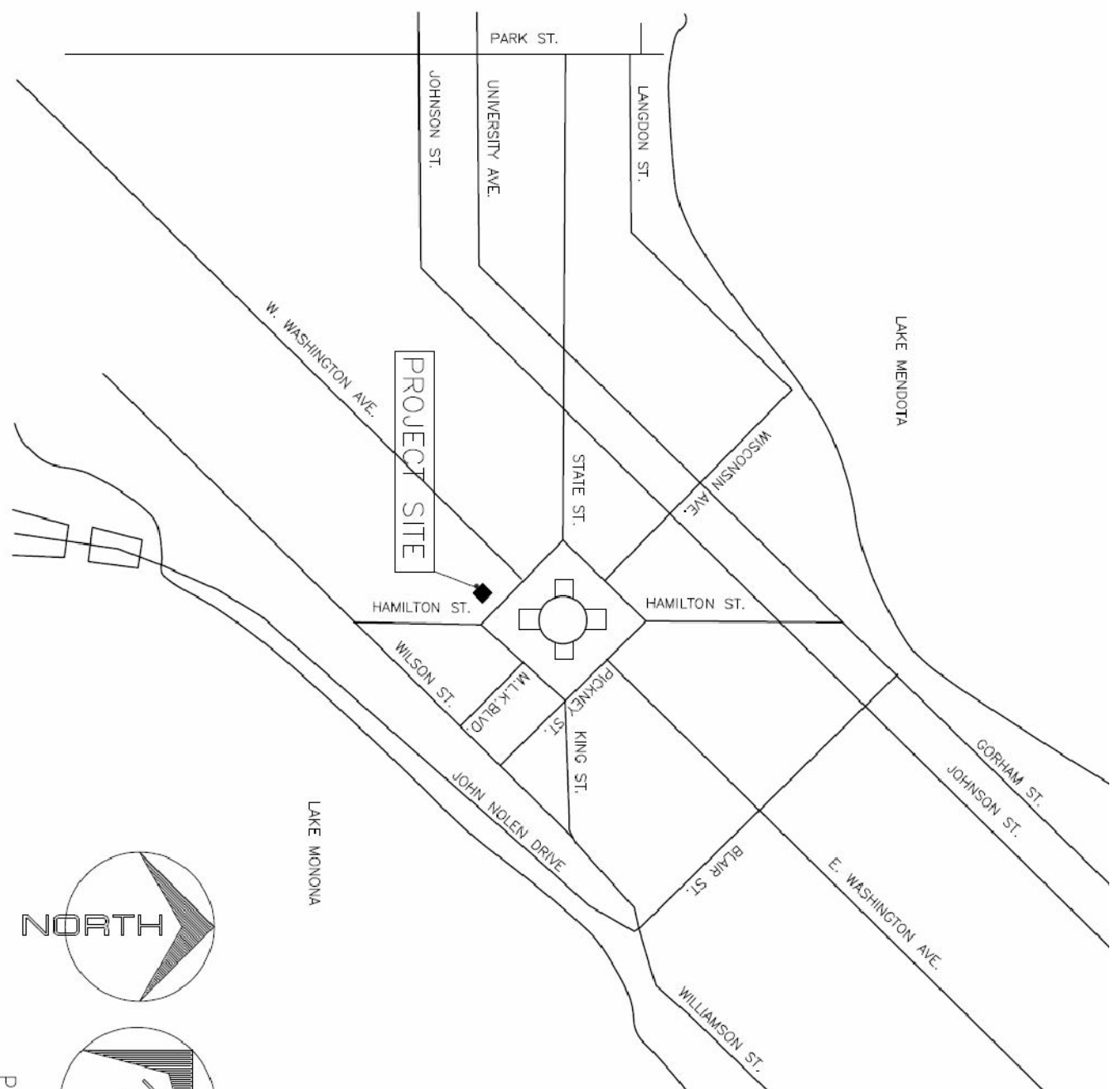
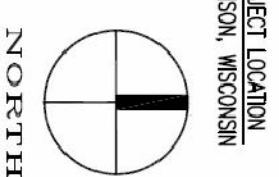
# 2014 RESTORATION CAPITOL SQUARE SOUTH PARKING RAMP DANE COUNTY, WI

113 S. HENRY STREET  
MADISON, WI 53703

DANE COUNTY RFB # 314018

JULY 24, 2014

## PROJECT LOCATION



## DRAWING INDEX

TITLE SHEET	T-1.0
TOPSIDE PLANS	S-2.0
UNDERSIDE PLANS	S-3.0, S-3.1, S-3.2
DETAILS	D-4.0 D-4.1

INFORMATION PERTAINING TO EXISTING CONDITIONS GIVEN ON THESE DRAWINGS REPRESENTS TO THE BEST OF OUR KNOWLEDGE THE ACTUAL EXISTING FIELD CONDITIONS. JSD PROFESSIONAL SERVICES, INC. MAKES NO WARRANTY AS TO THEIR ACCURACY. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS IMPERATIVE TO THE NEW WORK. REPORT DISCREPANCIES BETWEEN DRAWINGS AND FIELD CONDITIONS TO THE ENGINEER FOR REVIEW. ANY WORK PERFORMED PRIOR TO RESOLUTION OF DISCREPANCIES BY THE ENGINEER IS SUBJECT TO REMOVAL AND REPLACEMENT AT NO ADDITIONAL COST TO THE CONTRACT.

CONTRACTORS ARE RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES OF CONSTRUCTION INCLUDING, BUT NOT LIMITED TO TEMPORARY SUPPORTS, SHORING, AND FORMING TO SUPPORT IMPOSED LOADS AND OTHER SIMILAR ITEMS.

THE LOCATION OF DETEIORATED CONCRETE AND CRACKS SHOWN ARE FOR REFERENCE PURPOSES ONLY. DETEIORATED CONCRETE AND CRACKS TO BE REPAIRED WILL BE DESIGNATED BY THE ENGINEER AT THE TIME OF CONSTRUCTION.

	NUMBER IN HEXAGON REPRESENTS BID WORK ITEM FOUND IN SECTION 01 15 10 OF TECHNICAL SPECIFICATIONS
	UNBOUND CONCRETE
	CRACK

**JSD Professional Services, Inc.**  
Engineers • Surveyors • Planners  
"BUILDING RELATIONSHIPS WITH A COMMITMENT TO EXCELLENCE THROUGH TRUST, QUALITY AND EXPERIENCE"

- CIVIL ENGINEERING
  - SURVEYING & MAPPING
  - CONSTRUCTION SERVICES
  - WATER RESOURCES
  - PLANNING & DEVELOPMENT
  - TRANSPORTATION ENGINEERING
  - STRUCTURAL ENGINEERING
  - LANDSCAPE ARCHITECTURE
- MADISON REGIONAL OFFICE  
161 HORIZON DRIVE, SUITE 101  
VERONA, WISCONSIN 53593  
608.848.5060 PHONE | 608.848.2295 FAX  
MADISON | MILWAUKEE  
KENOSHA | APPLETON  
www.jsdinc.com

SERVICES PROVIDED TO:  
**DANE COUNTY PUBLIC WORKS**

1919 ALLIANT ENERGY CENT. WAY  
MADISON, WI 53713

PROJECT:  
2014 RESTORATION  
CAPITOL SQUARE  
SOUTH  
PARKING RAMP

PROJECT LOCATION:  
113 S. HENRY STREET  
MADISON, WI 53703

RFB # 314018

SEAL/SIGNATURE:

ALTHOUGH EVERY EFFORT HAS BEEN MADE IN PREPARING THESE PLANS AND CHECKS AND SUBCONTRACTORS MUST CHECK ALL DETAIL AND DIMENSIONS OF THEIR TRADE AND BE RESPONSIBLE FOR THE SAME.

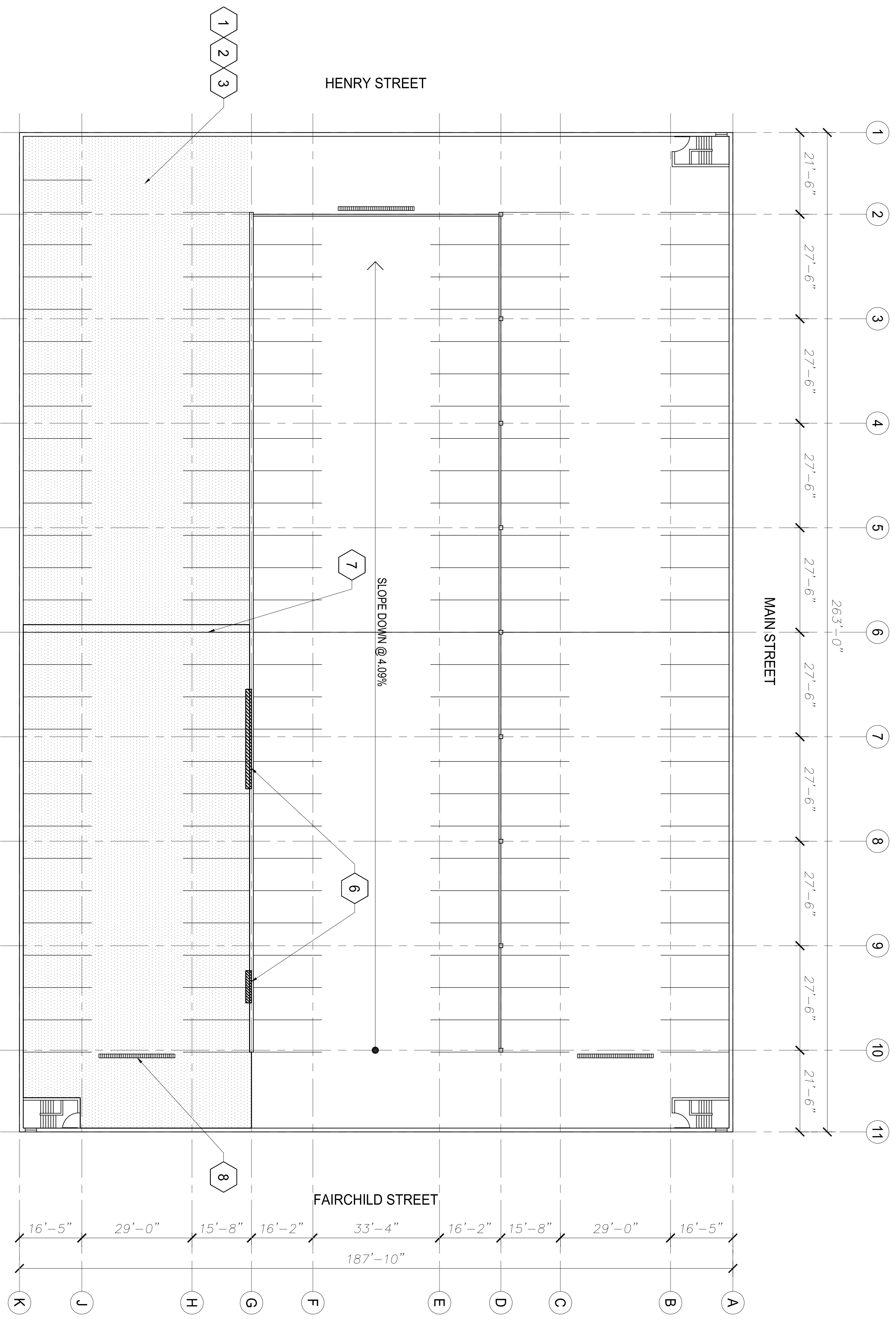
DESIGN:	PSB
DRAWN:	PSB
APPROVED:	JJE
PLAN MODIFICATIONS:	DATE:

**DIGGERS HOTLINE**  
Toll Free (800) 242-8511  
Milwaukee Area (414) 258-1181  
Hearing Impaired TDD (800) 542-2289  
www.DiggerShHotline.com

SHEET TITLE:  
TITLE SHEET

SHEET NUMBER:  
**T-1.0**





**TOPSIDE CONSTRUCTION NOTES**

EXPANSION JOINT REMOVAL AND REPLACEMENT SHALL CONSIST OF REMOVING EXISTING FAILED EXPANSION JOINT, REPAIR OR RECONFIGURE ADJACENT CONCRETE SURFACES TO MANUFACTURERS SPECIFICATIONS, FURNISH AND INSTALL THE MANUFACTURERS DETAIL. SPECIFICATIONS, INSTALLATION INSTRUCTIONS AND THE REQUIREMENTS OF THE SPECIFICATIONS.

THE EXPANSION JOINT SHALL BE A WATERTIGHT CONTINUOUS NEOPRENE OR ELASTOMERIC GLAND ADHERED TO VERTICAL FACE OF JOINT WITH EPOXY ADHESIVES. WHERE JOINT TERMINATES AT WALLS OR COLUMNS THE JOINT SHALL HAVE A MINIMUM RETURN VERTICALLY 6" ABOVE HORIZONTAL SURFACE.

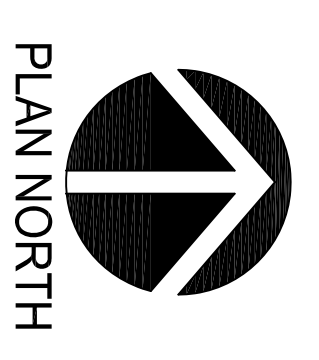
**1 LEVEL 7 FLOOR PLAN**

S-2.0

SCALE : 1/16" = 1'-0"

**LEGEND**

- HYDRODEMOLITION AREA
- REPAIR ITEM REFERRING TO SECTION 01 15 10



**Professional Services, Inc.**  
 Engineers • Surveyors • Planners

"BUILDING RELATIONSHIPS WITH A COMMITMENT TO EXCELLENCE THROUGH TRUST, QUALITY AND EXPERIENCE."

- CIVIL ENGINEERING
  - SURVEYING & MAPPING
  - CONSTRUCTION SERVICES
  - WATER RESOURCES
  - PLANNING & DEVELOPMENT
  - TRANSPORTATION ENGINEERING
  - STRUCTURAL ENGINEERING
  - LANDSCAPE ARCHITECTURE
- MADISON REGIONAL OFFICE  
 161 HORIZON DRIVE, SUITE 101  
 VERONA, WISCONSIN 53593  
 608.848.5060 PHONE | 608.848.2285 FAX  
 MADISON | MILWAUKEE  
 KENOSHA | APPLETON  
 www.jsdinc.com

SERVICES PROVIDED TO:

**DANE COUNTY PUBLIC WORKS**

1919 ALLIANT ENERGY CENT. WAY  
 MADISON, WI 53713

PROJECT:  
 2014 RESTORATION  
 CAPITOL SQUARE  
 SOUTH  
 PARKING RAMP

PROJECT LOCATION:  
 113 S. HENRY STREET  
 MADISON, WI 53703

RS# #: 314018  
 SEAL/SIGNATURE:

DESIGN: PSB  
 DRAWN: PSB  
 APPROVED: JJE

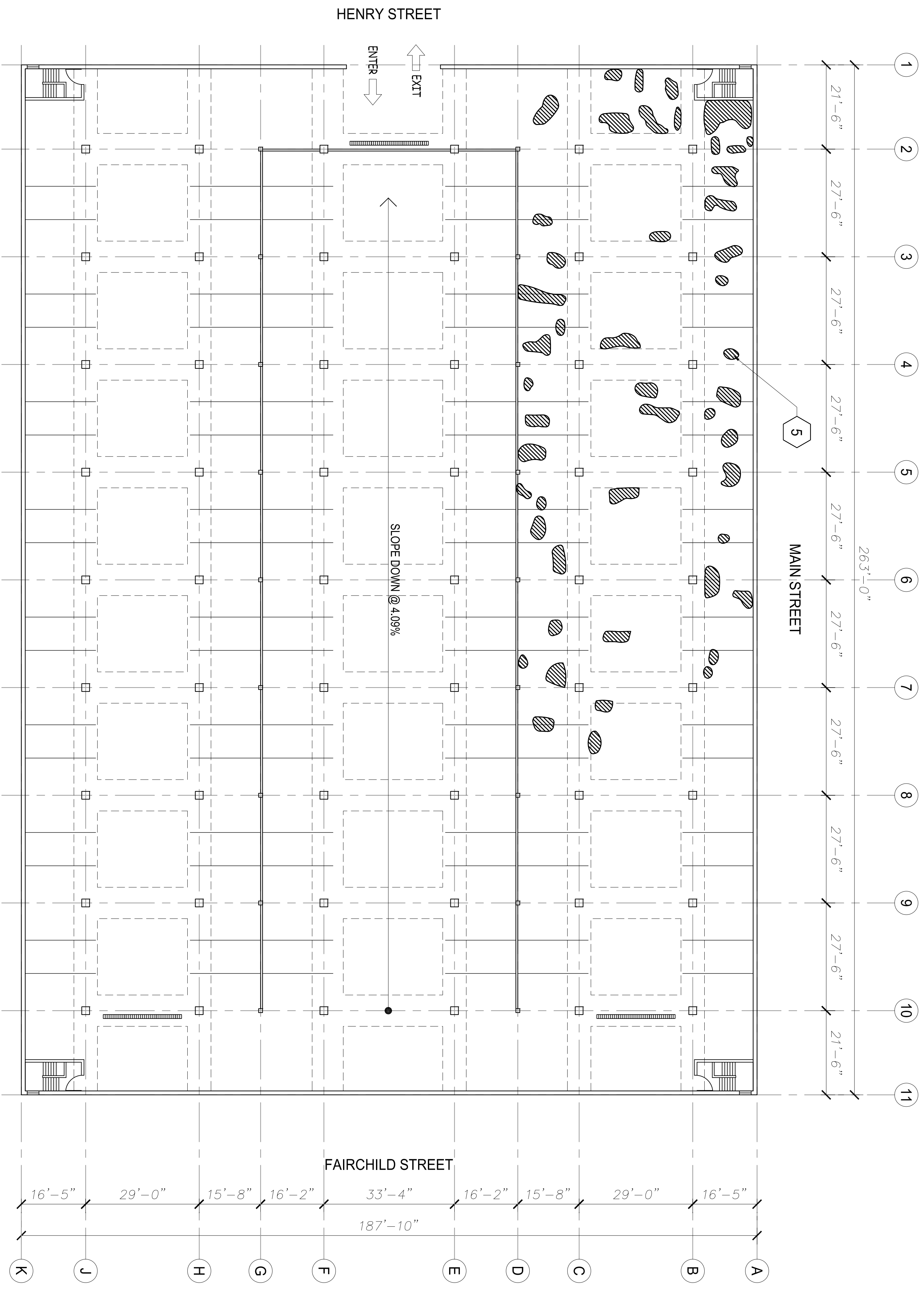
ALTHOUGH EVERY EFFORT HAS BEEN MADE IN PREPARING THESE PLANS AND CHECKING THE ACCURACY OF THE INFORMATION AND SUBCONTRACTORS MUST CHECK ALL DETAIL AND DIMENSIONS OF THEIR TRADE AND BE RESPONSIBLE FOR THE SAME.

**DIGGERS HOTLINE**

Toll Free (800) 242-8511  
 Milwaukee Area (414) 238-1181  
 Hearing Impaired TDD (800) 542-2289  
 www.diggershotline.com

SHEET NUMBER:  
**S-2.0**

SEVENTH FLOOR  
 TOPSIDE PLAN

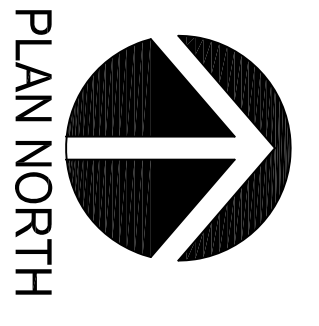


1  
S-3.0

# LEVEL 2 UNDERSIDE PLAN

SCALE : 1/16" = 1'-0"

- LEGEND**
- ☐ CONCRETE DELAMINATION
  - ⊗ REPAIR ITEM REFERRING TO SECTION 01 15 10



**Professional Services, Inc.**  
Engineers • Surveyors • Planners

"BUILDING RELATIONSHIPS WITH A COMMITMENT TO EXCELLENCE THROUGH TRUST, QUALITY AND EXPERIENCE"

- CIVIL ENGINEERING
- SURVEYING & MAPPING
- CONSTRUCTION SERVICES
- WATER RESOURCES
- PLANNING & DEVELOPMENT
- TRANSPORTATION ENGINEERING
- STRUCTURAL ENGINEERING
- LANDSCAPE ARCHITECTURE

SERVICES PROVIDED TO:  
**DANE COUNTY PUBLIC WORKS**

1919 ALLIANT ENERGY CENT. WAY  
MADISON, WI 53713

PROJECT:  
2014 RESTORATION  
CAPITOL SQUARE  
SOUTH  
PARKING RAMP

PROJECT LOCATION:  
113 S. HENRY STREET  
MADISON, WI 53703

PRG # 314018  
SEAL/SIGNATURE:

VERONICA WISCONSIN 53589  
MADISON REGIONAL OFFICE  
161 HORIZON DRIVE, SUITE 101  
VERONA, WISCONSIN 53589  
608.848.5060 PHONE | 608.848.2285 FAX  
MADISON | MILWAUKEE  
KENOSHA | APPLETON  
www.jsdinc.com

ALTHOUGH EVERY EFFORT HAS BEEN MADE IN PREPARING THESE PLANS AND CHECKS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND SUBCONTRACTORS MUST CHECK ALL DETAIL AND DIMENSIONS OF THEIR TRADE AND BE RESPONSIBLE FOR THE SAME.

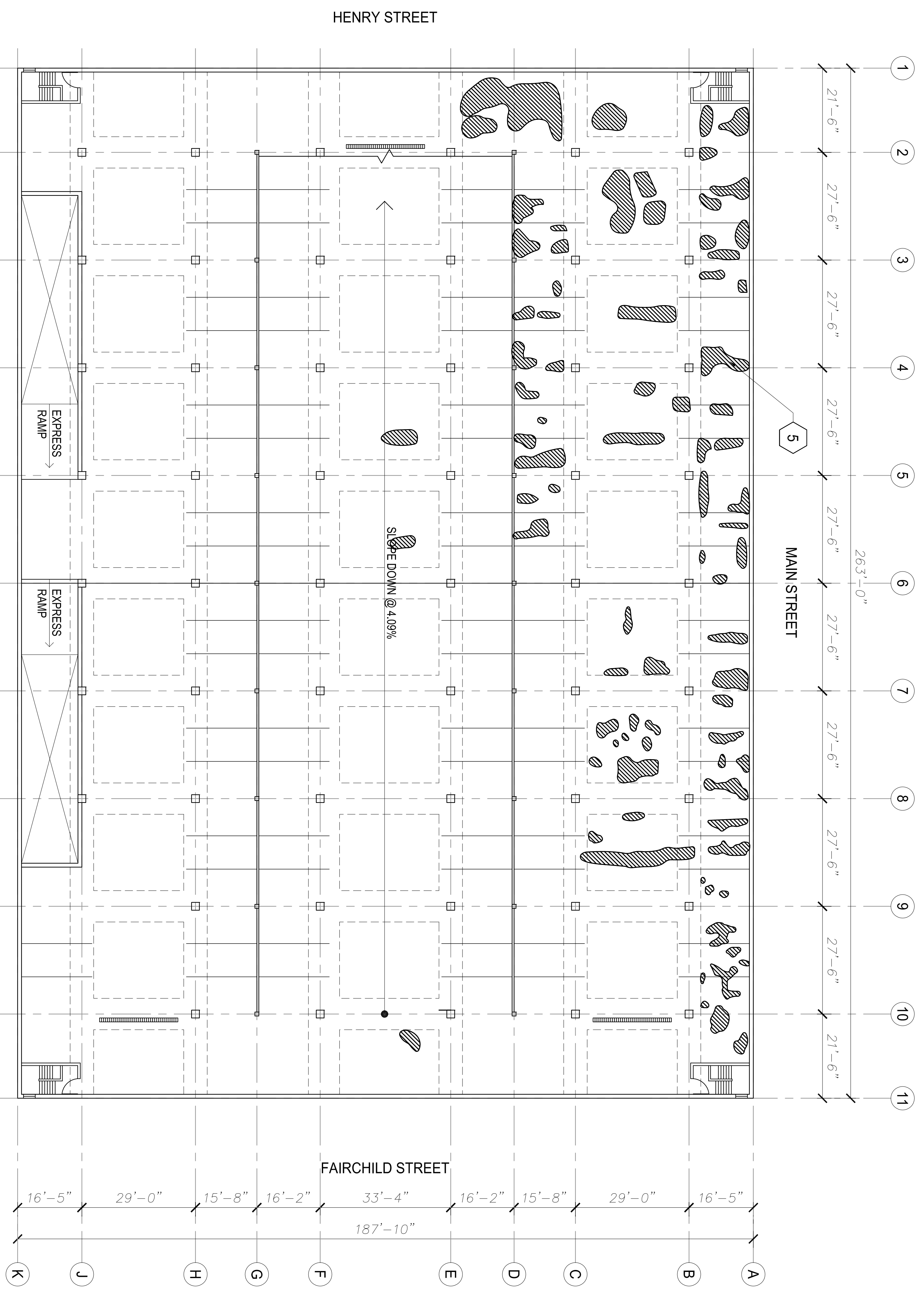
DESIGN: PSB  
DRAWN: PSB  
APPROVED: JJE  
PLAN MODIFICATIONS:

**DIGGERS HOTLINE**  
Toll Free (800) 242-8511  
Milwaukee Area (414) 238-1181  
Heating Implants (800) 542-2289  
www.diggershotline.com

SHEET TITLE:  
SECOND FLOOR  
UNDERSIDE PLAN

SHEET NUMBER:  
**S-3.0**

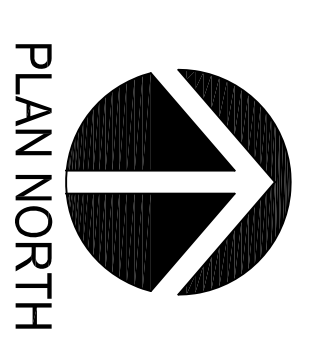




**1**  
**S-3.1**  
**LEVEL 5 UNDERSIDE PLAN**

SCALE : 1/16" = 1'-0"

- LEGEND**
- CONCRETE DELAMINATION
  - ⊗ REPAIR ITEM REFERRING TO SECTION 01 15 10



**JSD** Professional Services, Inc.  
 Engineers • Surveyors • Planners

"BUILDING RELATIONSHIPS WITH A COMMITMENT TO EXCELLENCE THROUGH TRUST, QUALITY AND EXPERIENCE"

- CIVIL ENGINEERING
- SURVEYING & MAPPING
- CONSTRUCTION SERVICES
- WATER RESOURCES
- PLANNING & DEVELOPMENT
- TRANSPORTATION ENGINEERING
- STRUCTURAL ENGINEERING
- LANDSCAPE ARCHITECTURE

MADISON REGIONAL OFFICE  
 161 HORIZON DRIVE, SUITE 101  
 VERONA, WISCONSIN 53593  
 608.848.5060 PHONE | 608.848.2295 FAX  
 MADISON | MILWAUKEE  
 KENOSHA | APPLETON  
 www.jsdinc.com

SERVICES PROVIDED TO:  
**DANE COUNTY PUBLIC WORKS**

1919 ALLIANT ENERGY CENT. WAY  
 MADISON, WI 53713

PROJECT:  
**2014 RESTORATION  
 CAPITOL SQUARE  
 SOUTH  
 PARKING RAMP**

PROJECT LOCATION:  
 113 S. HENRY STREET  
 MADISON, WI 53703

RS# #: 314018  
 SEAL/SIGNATURE:

DESIGN: PSB  
 DRAWN: PSB  
 APPROVED: JJE  
 PLAN MODIFICATIONS: DATE:

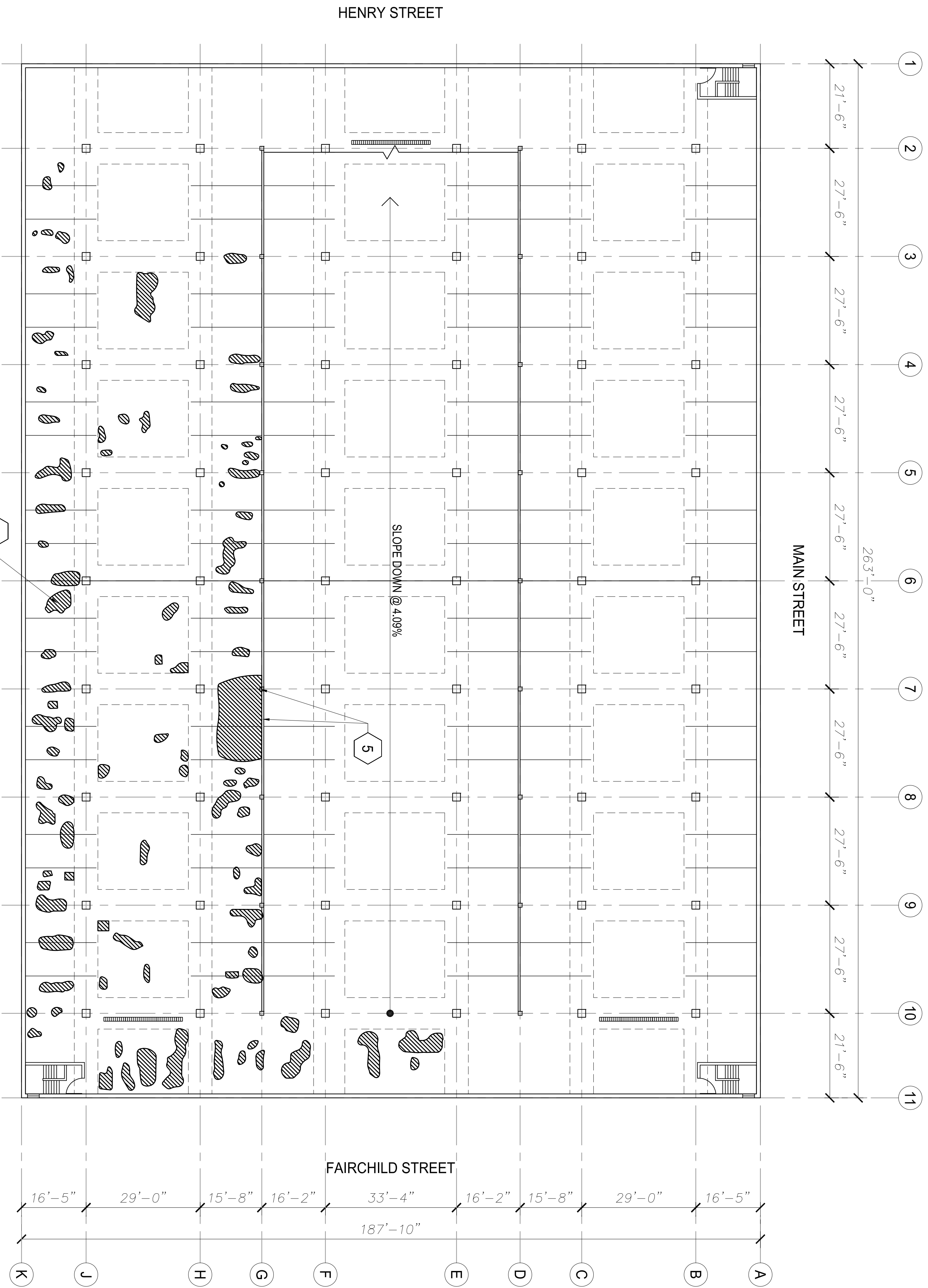
ALTHOUGH EVERY EFFORT HAS BEEN MADE IN PREPARING THESE PLANS AND CHECKS THEREIN, THE CONTRACTOR SHALL VERIFY ALL DETAIL AND DIMENSIONS OF THEIR TRADE AND BE RESPONSIBLE FOR THE SAME.

**DIGGERS HOTLINE**

Toll Free (800) 242-8511  
 Milwaukee Area (414) 238-1181  
 Hearing Impaired TDD (800) 542-2289  
 www.diggershotline.com

SHEET NUMBER:  
**S-3.1**

SHEET TITLE:  
**FIFTH FLOOR  
 UNDERSIDE PLAN**

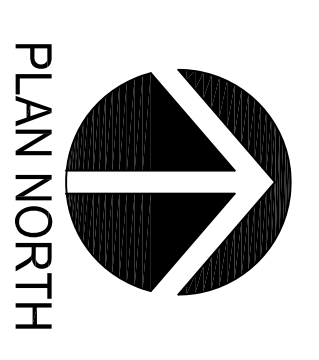


**1**  
LEVEL 7 UNDERSIDE PLAN

SCALE: 1/16" = 1'-0"

S-3.2

- LEGEND**
- ◻ CONCRETE DELAMINATION
  - ⊗ REPAIR ITEM REFERRING TO SECTION 01 15 10



**Professional Services, Inc.**  
Engineers • Surveyors • Planners

"BUILDING RELATIONSHIPS WITH A COMMITMENT TO EXCELLENCE THROUGH TRUST, QUALITY AND EXPERIENCE."

- CIVIL ENGINEERING
  - SURVEYING & MAPPING
  - CONSTRUCTION SERVICES
  - WATER RESOURCES
  - PLANNING & DEVELOPMENT
  - TRANSPORTATION ENGINEERING
  - STRUCTURAL ENGINEERING
  - LANDSCAPE ARCHITECTURE
- MADISON REGIONAL OFFICE  
161 HORIZON DRIVE, SUITE 101  
VERONA, WISCONSIN 53593  
608.848.5060 PHONE | 608.848.2285 FAX  
MADISON | MILWAUKEE  
KENOSHA | APPLETON  
www.jsdinc.com



SERVICES PROVIDED TO:  
**DANE COUNTY PUBLIC WORKS**  
119 ALLIANT ENERGY CENT. WAY  
MADISON, WI 53713

PROJECT:  
**2014 RESTORATION  
CAPITOL SQUARE  
SOUTH  
PARKING RAMP**

PROJECT LOCATION:  
113 S. HENRY STREET  
MADISON, WI 53703

RF# #: 314018  
SEAL/SIGNATURE:

DESIGN: PSB  
DRAWN: PSB  
APPROVED: JJE  
PLAN MODIFICATIONS:

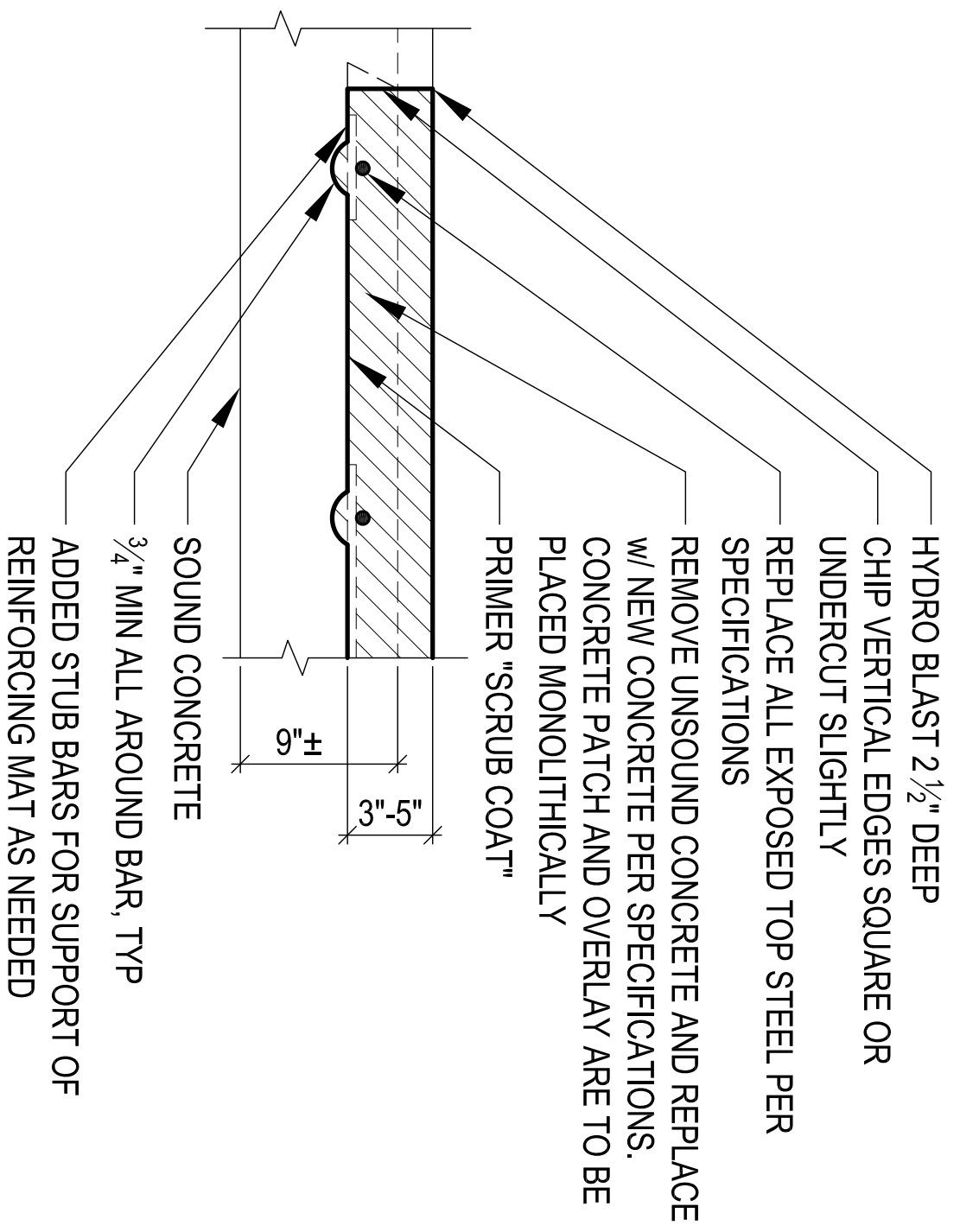
ALTHOUGH EVERY EFFORT HAS BEEN MADE IN PREPARING THESE PLANS AND CHECKS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DETAIL AND DIMENSIONS OF THEIR TRADE AND BE RESPONSIBLE FOR THE SAME.

**DIGGERS HOTLINE**  
Toll Free (800) 242-8511  
Milwaukee Area (414) 238-1181  
Heating Implants TDD (800) 542-2289  
www.DiggerShotline.com

SHEET TITLE:  
SEVENTH FLOOR  
UNDERSIDE PLAN

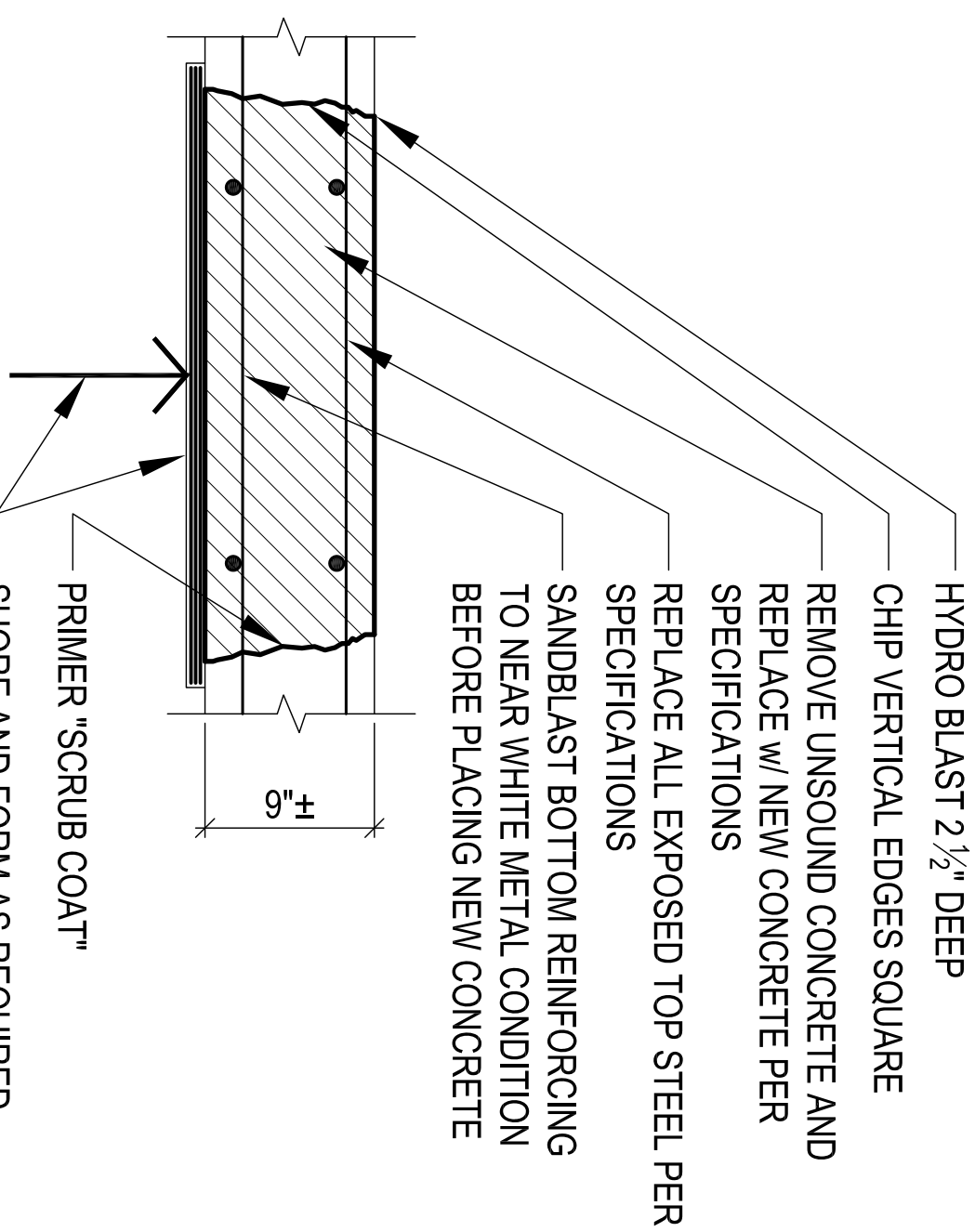
SHEET NUMBER:  
**S-3.2**





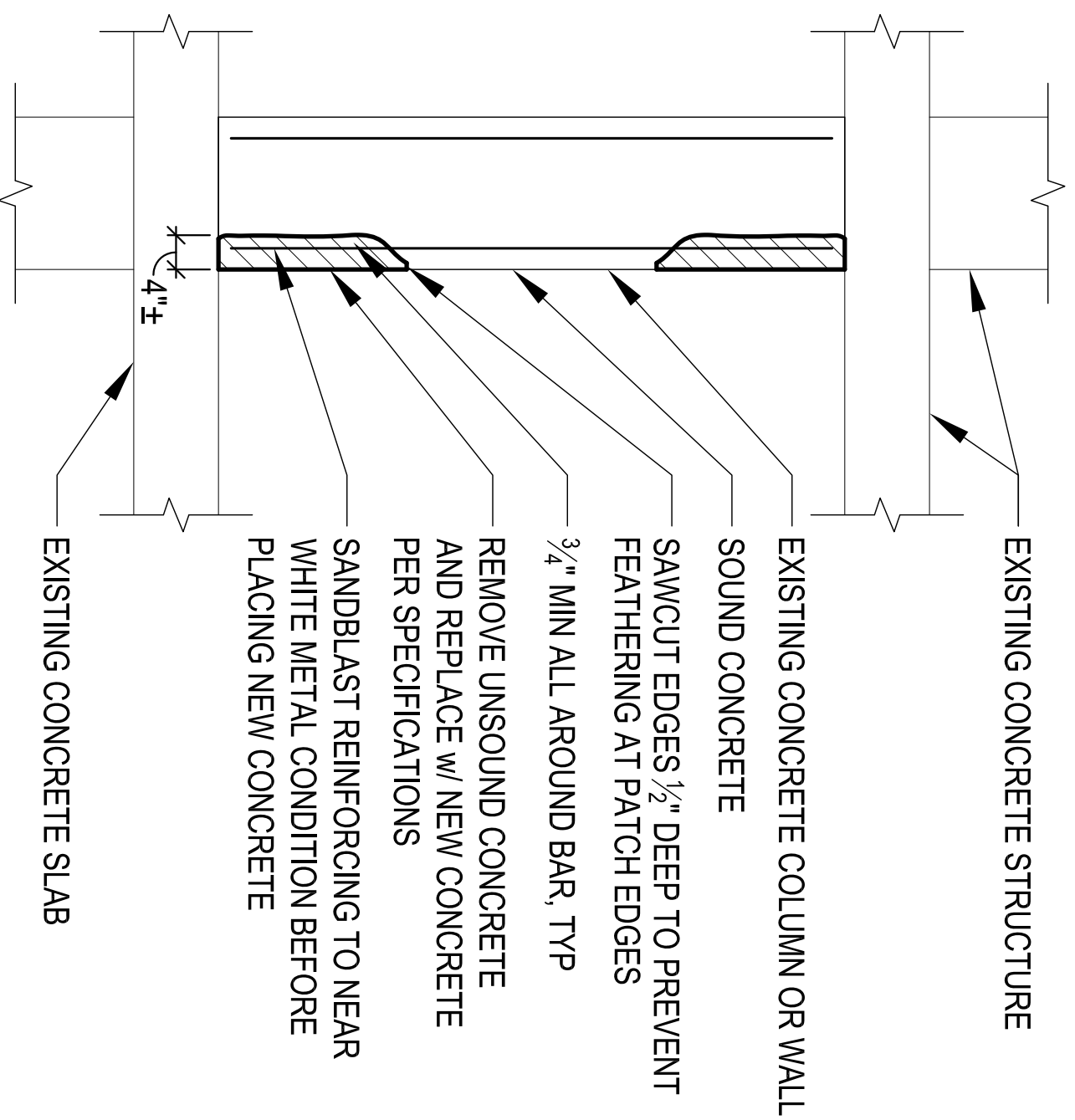
NOTE: REMOVAL OF CONCRETE BELOW SUPPORT BARS IS REQUIRED BY SPECIFICATION. ADDITIONAL PAYMENT FOR DEEPER REMOVAL IN THESE AREAS IS PERMITTED.

1  
D4.0  
TOPSIDE SLAB RESTORATION  
SCALE : NTS  
(HYDRO DEMOLITION)

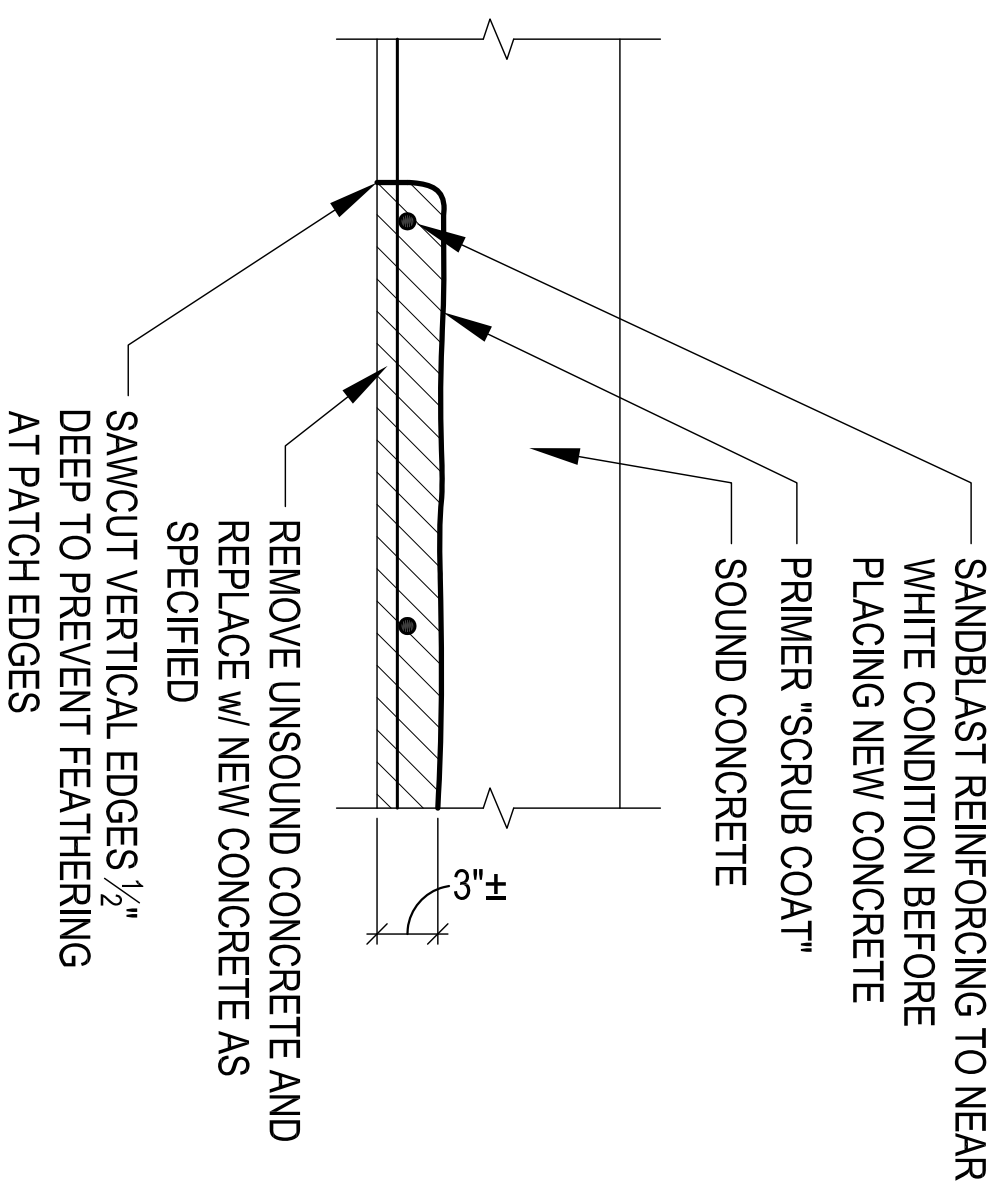


NOTE: REINFORCING SHOWN FOR REFERENCE ONLY. LOCATION AND SPACING TO BE FIELD VERIFIED

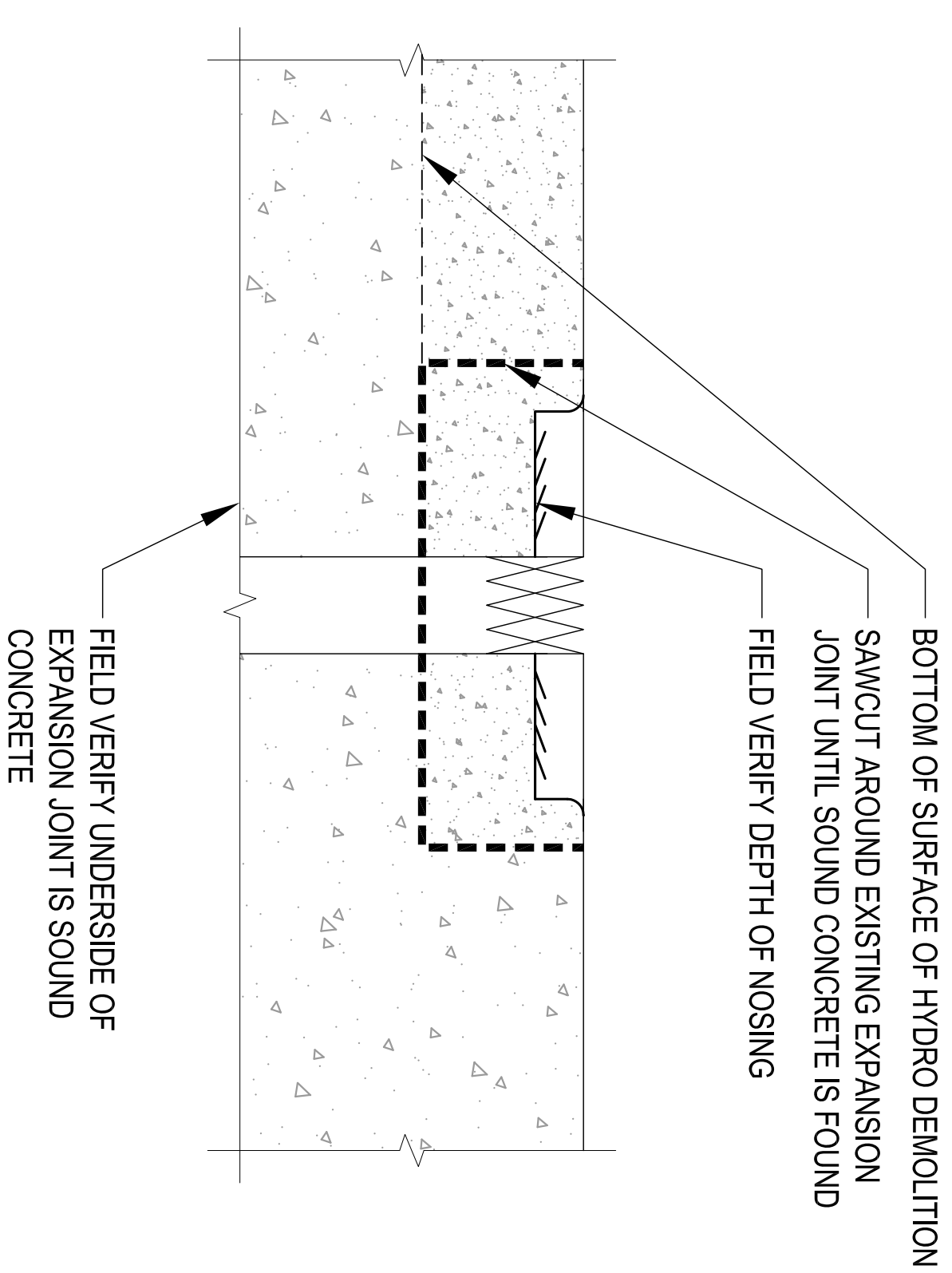
2  
D4.0  
FULL DEPTH SLAB REPLACEMENT  
SCALE : NTS



3  
D4.0  
REPAIR AT VERTICAL SURFACES  
SCALE : NTS



4  
D4.0  
UNDERSIDE SLAB RESTORATION  
SCALE : NTS



5  
D4.0  
EXPANSION JOINT REPLACEMENT  
SCALE : NTS


**Professional Services, Inc.**  
Engineers • Surveyors • Planners

"BUILDING RELATIONSHIPS WITH A COMMITMENT TO EXCELLENCE THROUGH TRUST, QUALITY AND EXPERIENCE"

- CIVIL ENGINEERING
- SURVEYING & MAPPING
- CONSTRUCTION SERVICES
- WATER RESOURCES
- PLANNING & DEVELOPMENT
- TRANSPORTATION ENGINEERING
- STRUCTURAL ENGINEERING
- LANDSCAPE ARCHITECTURE

MADISON REGIONAL OFFICE  
161 HORIZON DRIVE, SUITE 101  
VERONA, WISCONSIN 53593  
608.848.5060 PHONE | 608.848.2285 FAX  
MADISON | MILWAUKEE  
KENOSHA | APPLETON  
www.jsdinc.com

SERVICES PROVIDED TO:  
**DANE COUNTY PUBLIC WORKS**



119 ALLIANT ENERGY CENT. WAY  
MADISON, WI 53713

PROJECT:  
2014 RESTORATION  
CAPITOL SQUARE  
SOUTH  
PARKING RAMP

PROJECT LOCATION:  
113 S. HENRY STREET  
MADISON, WI 53703

RF# #: 314018

SEAL/SIGNATURE:

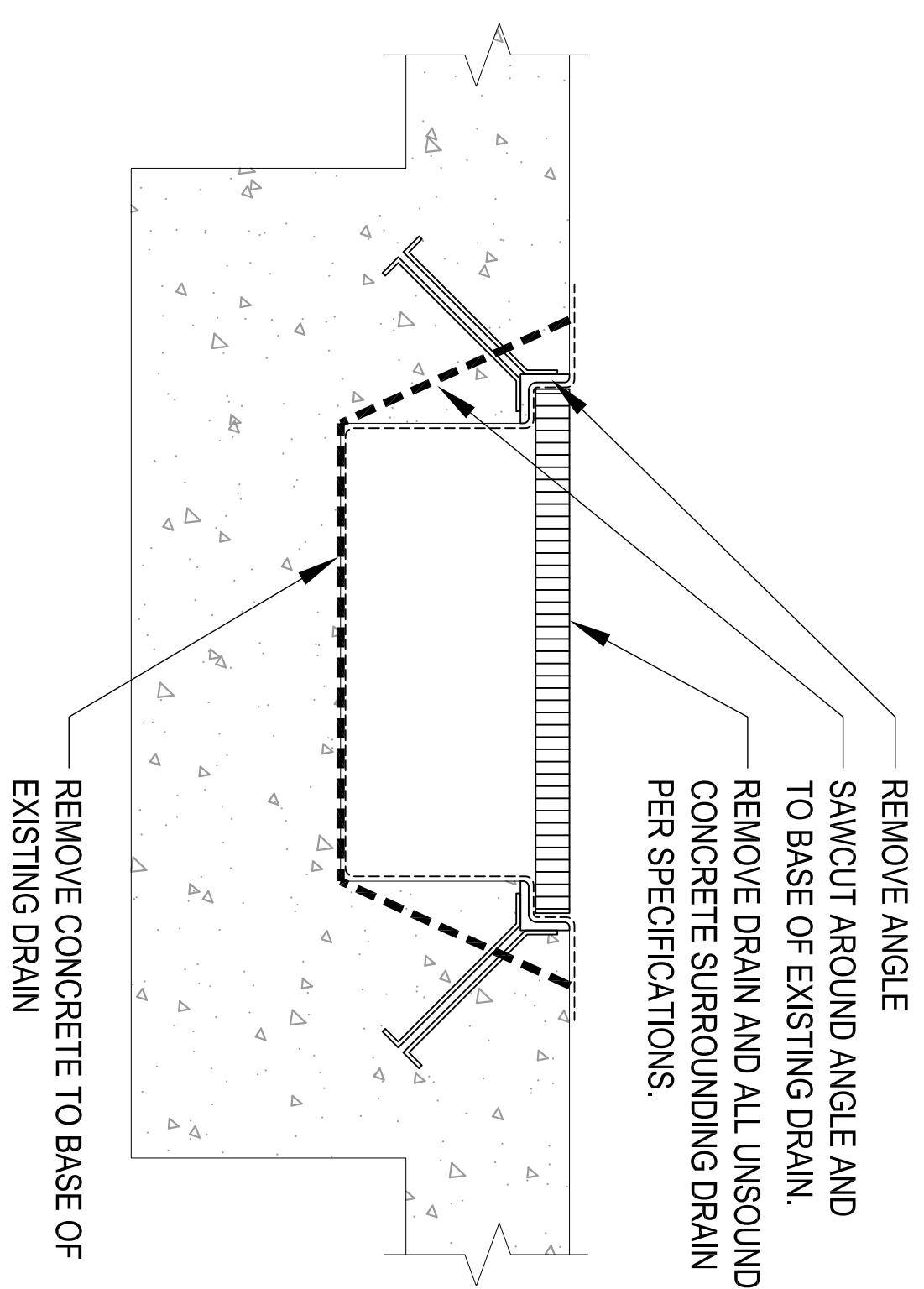
ALTHOUGH EVERY EFFORT HAS BEEN MADE IN PREPARING THESE PLANS AND CHECKS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DETAIL AND DIMENSIONS OF THEIR TRADE AND BE RESPONSIBLE FOR THE SAME.

DESIGN: JJE  
DRAWN: PSB  
APPROVED: JJE  
PLAN MODIFICATIONS: DATE:

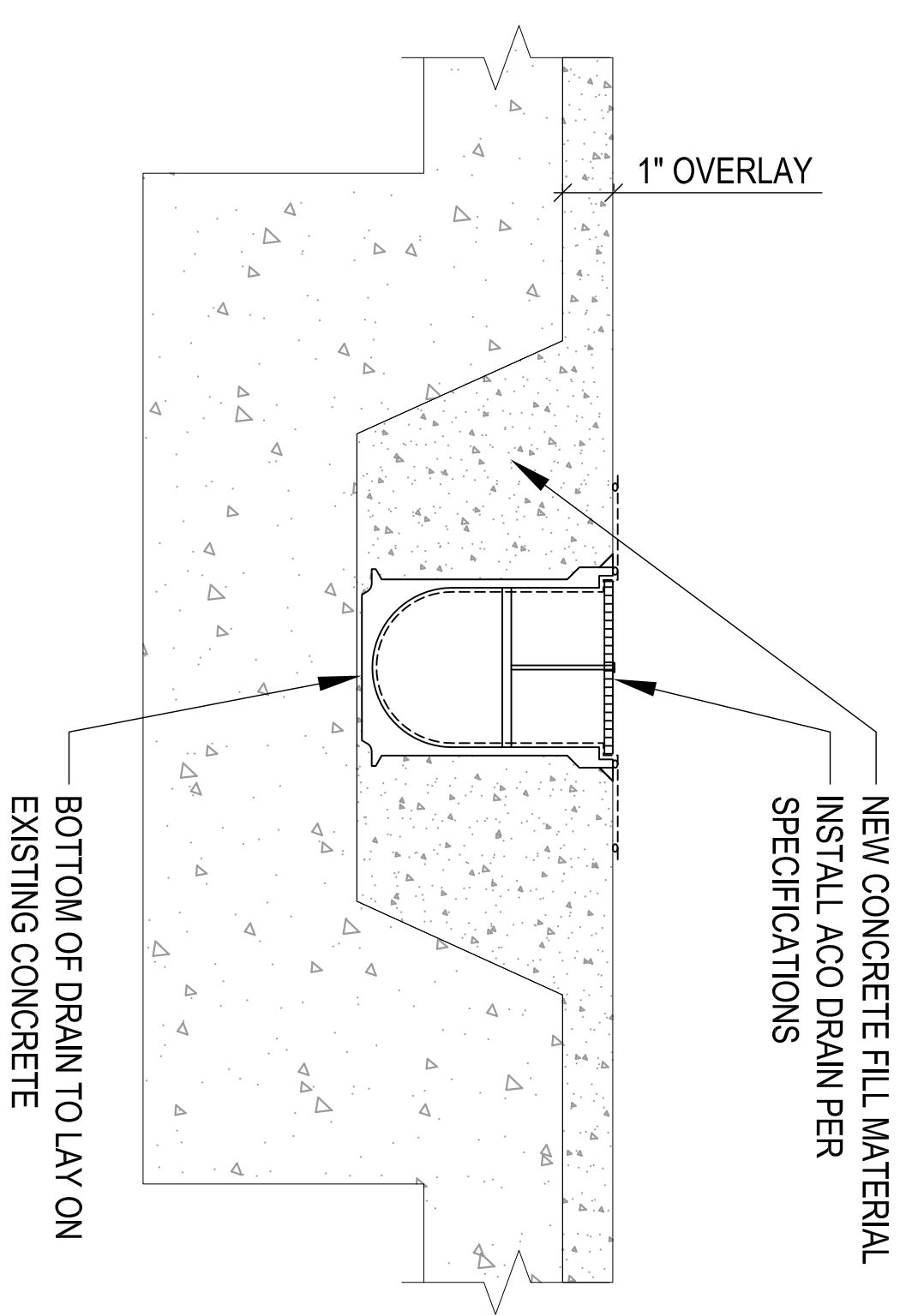
**DIGGERS HOTLINE**  
Toll Free (800) 242-8511  
Milwaukee Area (414) 238-1181  
Heating Implants TDD (800) 542-2289  
www.DiggerShotline.com

SHEET TITLE:  
DETAILS

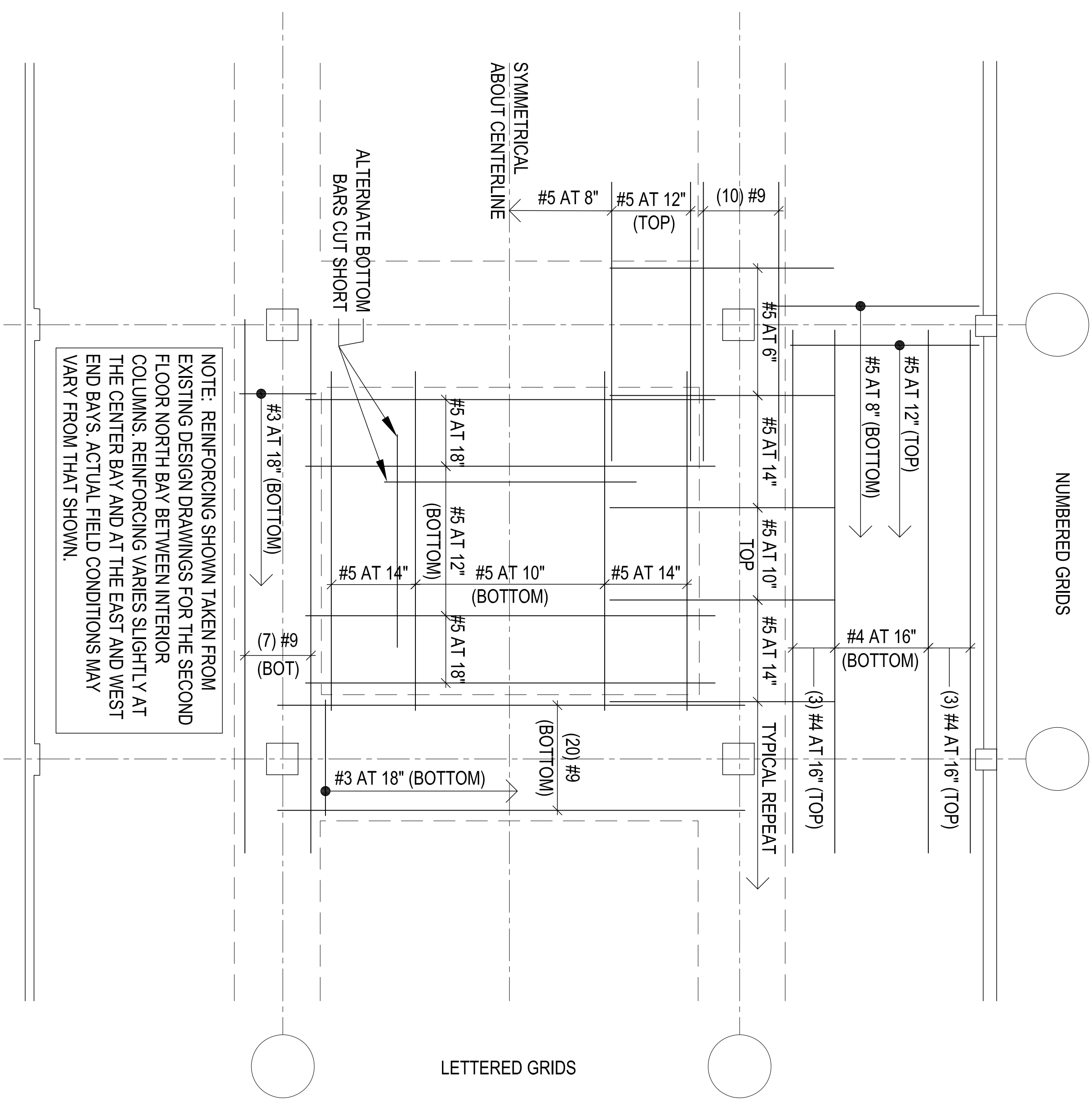
SHEET NUMBER:  
**D-4.0**



**5**  
D4.1  
TRENCH DRAIN REMOVAL  
SCALE : NTS



**6**  
D4.1  
TRENCH DRAIN INSTALLATION  
SCALE : NTS



**7**  
D4.1  
TYPICAL REINFORCING LAYOUT  
SCALE : NTS

NOTE: REINFORCING SHOWN TAKEN FROM EXISTING DESIGN DRAWINGS FOR THE SECOND FLOOR NORTH BAY BETWEEN INTERIOR COLUMNS. REINFORCING VARIES SLIGHTLY AT THE CENTER BAY AND AT THE EAST AND WEST END BAYS. ACTUAL FIELD CONDITIONS MAY VARY FROM THAT SHOWN.

**JSB Professional Services, Inc.**  
Engineers • Surveyors • Planners

"BUILDING RELATIONSHIPS WITH A COMMITMENT TO EXCELLENCE THROUGH TRUST, QUALITY AND EXPERIENCE"

- CIVIL ENGINEERING
- SURVEYING & MAPPING
- CONSTRUCTION SERVICES
- WATER RESOURCES
- PLANNING & DEVELOPMENT
- TRANSPORTATION ENGINEERING
- STRUCTURAL ENGINEERING
- LANDSCAPE ARCHITECTURE

MADISON REGIONAL OFFICE  
161 HORIZON DRIVE, SUITE 101  
VERONA, WISCONSIN 53593  
608.848.5060 PHONE | 608.848.2295 FAX  
MADISON | MILWAUKEE  
KENOSHA | APPLETON  
www.jsbinc.com

SERVICES PROVIDED TO:  
DANE COUNTY  
PUBLIC WORKS

119 ALLIANT ENERGY CENT. WAY  
MADISON, WI 53713

PROJECT:  
2014 RESTORATION  
CAPITOL SQUARE  
SOUTH  
PARKING RAMP

PROJECT LOCATION:  
113 S. HENRY STREET  
MADISON, WI 53703

PS# #: 314018

SEAL/SIGNATURE:

ALTHOUGH EVERY EFFORT HAS BEEN MADE IN PREPARING THESE PLANS AND CHECKS AND SUBCONTRACTORS MUST CHECK ALL DETAIL AND DIMENSIONS OF THEIR TRADE AND BE RESPONSIBLE FOR THE SAME.

DESIGN: JJE  
DRAWN: PSB  
APPROVED: JJE  
PLAN MODIFICATIONS: DATE:

**DIGGERS HOTLINE**

Toll Free (800) 242-8511  
Milwaukee Area (414) 238-1181  
Heating Implants TDD (800) 542-2289  
www.diggershotline.com

SHEET NUMBER:  
**D-4.1**