CITY OF MADISON

2017 PARKING GARAGE MAINTENANCE MADISON, WISCONSIN

CITY OF MADISON CONTRACT NO. 7928 **BID DRAWINGS**

STATE STREET CAMPUS (LAKE) GARAGE 415 NORTH LAKE STREET

STATE STREET CAMPUS (FRANCES) GARAGE 430 N. FRANCES ST.

STATE STREET CAPITOL GARAGE -214 NORTH CARROLL STREET

OVERTURE CENTER GARAGE 318 WEST MIFFLIN STREET

CAPITOL SQUARE NORTH GARAGE 218 EAST MIFFLIN STREET

GOVERNMENT EAST GARAGE 215 SOUTH PINCKNEY STREET



DRAWING INDEX

TITLE SHEET T1 STATE STREET CAMPUS (LAKE) GARAGE SL1 - SL8 STATE STREET CAMPUS (FRANCES) GARAGE SF1 **OVERTURE CENTER RAMP** OC1 - OC5 STATE STREET CAPITOL GARAGE SC1 CAPITOL SQUARE NORTH GARAGE CN0 - CN4 **RESTORATION DETAILS** D1 - D3

PARTIAL CITY OF MADISON LOCATION MAP



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



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215 MARTIN LUTHER KING JR. BLV

2017 PARKING GARAGE MAINTENANCE

CITY OF MADISON DANE COUNTY, WI ISD PROJECT NO

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STATE STREET CAMPUS - LAKE

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LEVEL ONE UNDERSIDE PLAN

LEVEL 1 UNDERSIDE PLAN 1/32" = 1'-0"



LAKE STREET

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PROJECT: 2017 PARKING GARAGE

MAINTENANCE

STATE STREET CAMPUS - LAKE

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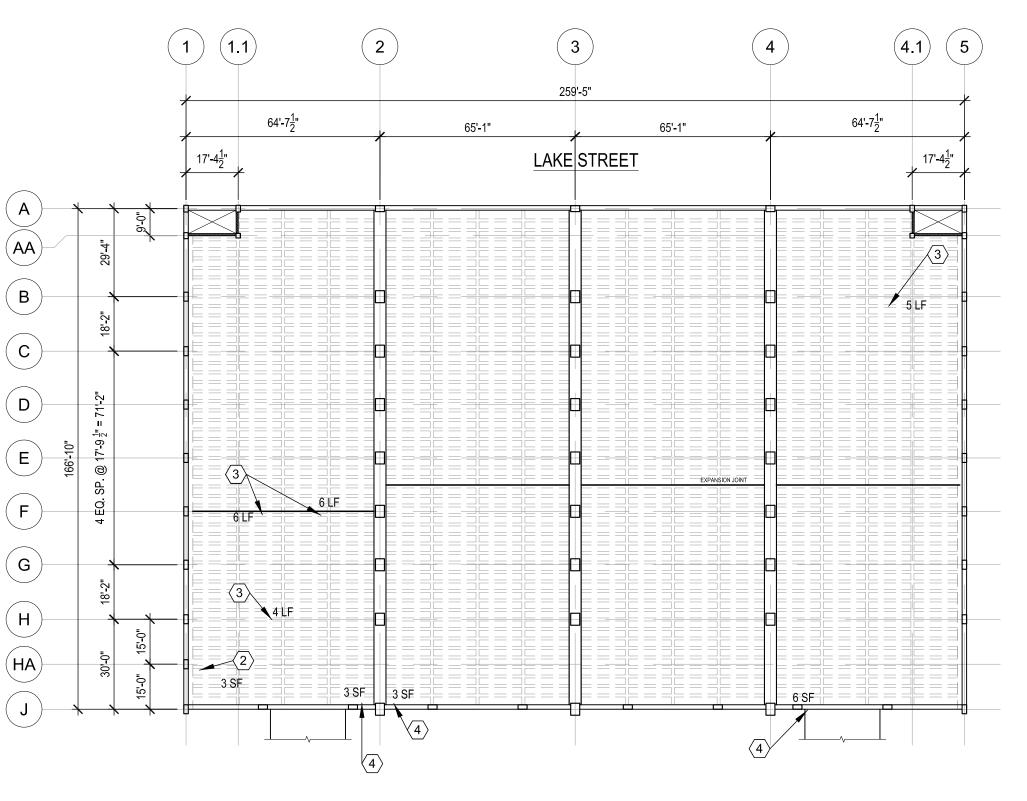
LEVEL ONE TOPSIDE PLAN

LEVEL 1 TOPSIDE PLAN 1/32" = 1'-0"



LAKE STREET

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STATE STREET CAMPUS - LAKE

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LEVEL TWO UNDERSIDE PLAN

LEVEL 2 UNDERSIDE PLAN

1/32" = 1'-0"

LAKE STREET

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LEVEL TWO TOPSIDE PLAN

SL4

LEVEL 2 TOPSIDE PLAN 1/32" = 1'-0"



LAKE STREET

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STATE STREET CAMPUS - LAKE

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LEVEL THREE UNDERSIDE PLAN

SL5

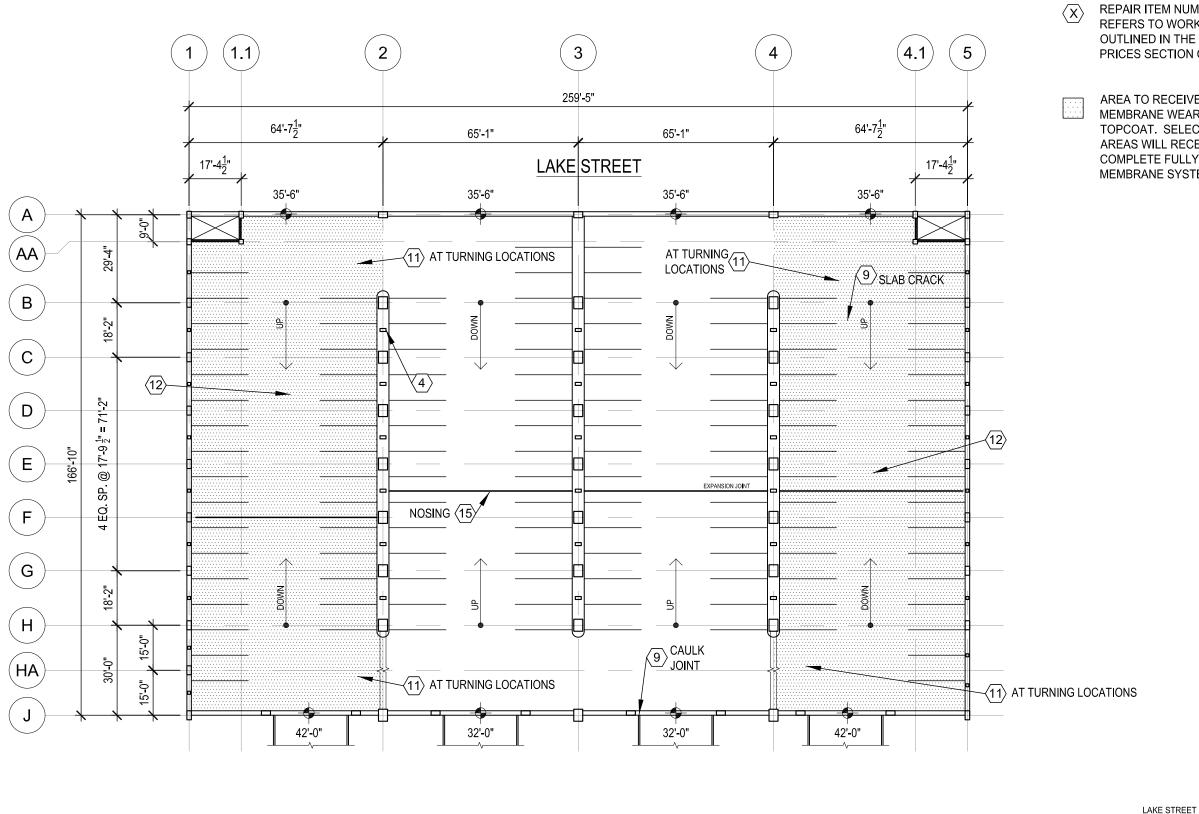
LEVEL 3 UNDERSIDE PLAN 1/32" = 1'-0"





LAKE STREET

KEY PLAN



LEVEL 3 TOPSIDE PLAN

1/32" = 1'-0"



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AREA TO RECEIVE NEW MEMBRANE WEARCOAT & TOPCOAT. SELECTED AREAS WILL RECEIVE COMPLETE FULLY ADHERED MEMBRANE SYSTEM.

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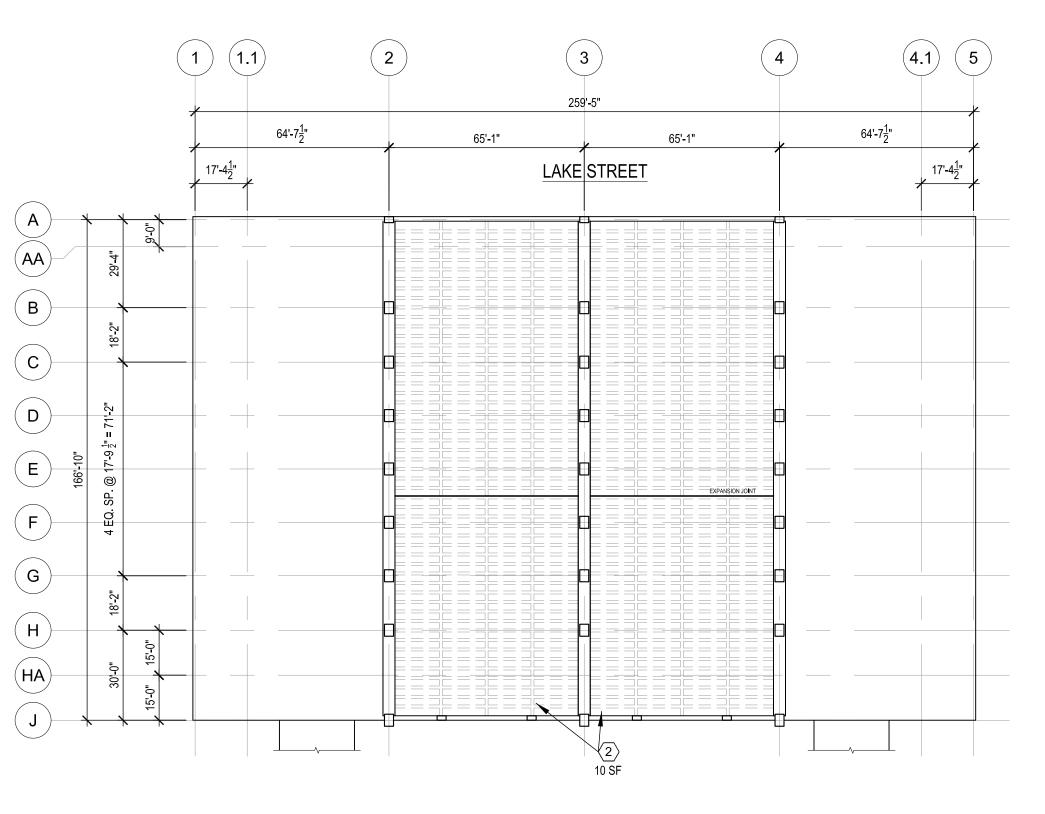
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LEVEL THREE TOPSIDE PLAN

KEY PLAN

HAWTHORNE COURT

SL6



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PROJECT:

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STATE STREET CAMPUS - LAKE

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LEVEL FOUR UNDERSIDE PLAN

LEVEL 4 UNDERSIDE PLAN 1/32" = 1'-0"



LAKE STREET

KEY PLAN

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2017 PARKING GARAGE MAINTENANCE

STATE STREET CAMPUS - LAKE

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LEVEL FOUR TOPSIDE PLAN

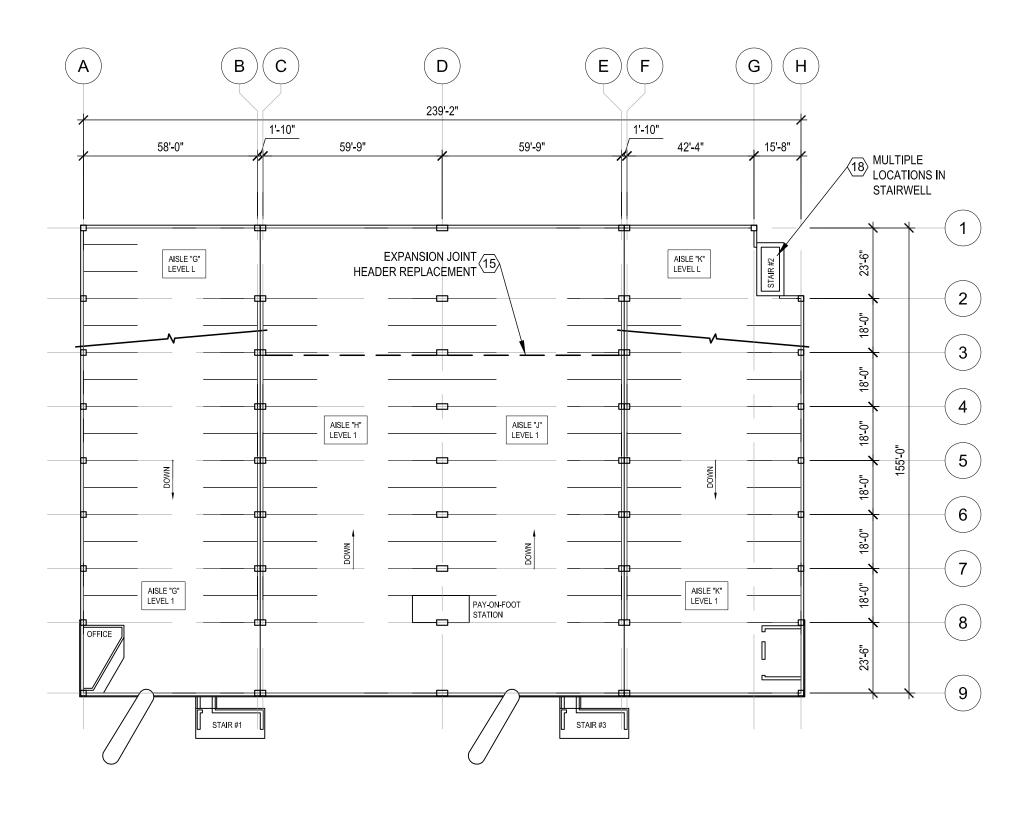
SL8

LEVEL 4 TOPSIDE PLAN 1/32" = 1'-0"



LAKE STREET

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215 MARTIN LUTHER KING JR. BLVI MADISON, WISCONSIN 53701-2986

PROJECT:

2017 PARKING GARAGE MAINTENANCE

PROJECT LOCATION: STATE STREET CAMPUS - FRANCES JSD PROJECT NO.

SEAL/SIGNATURE:

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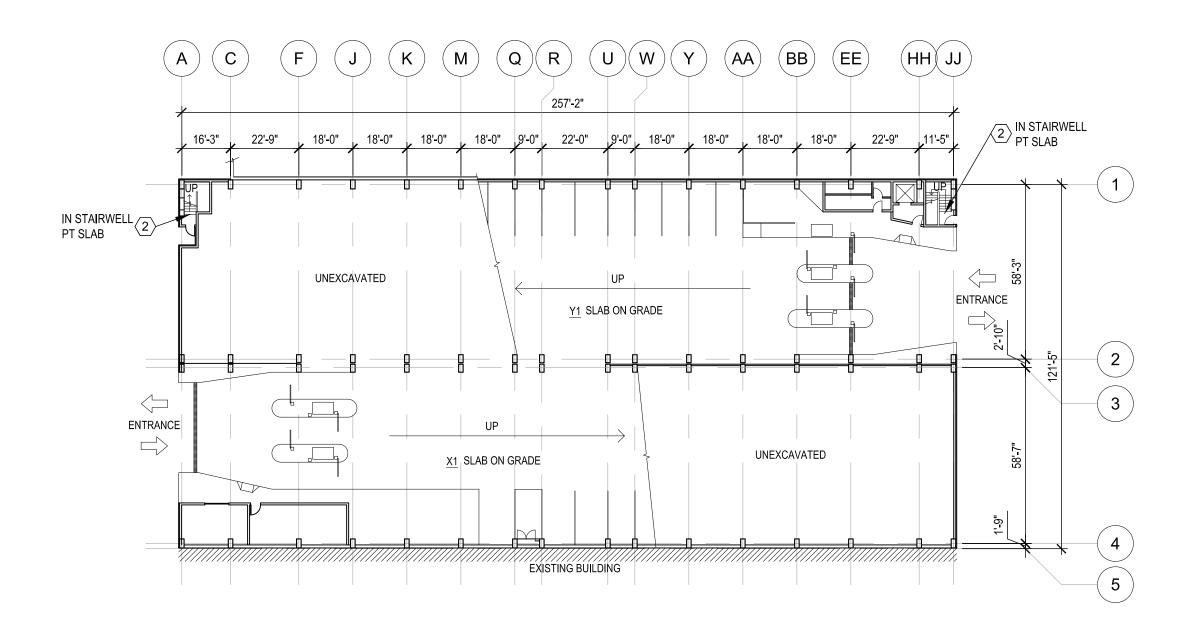
DESIGN:	PGB	
DRAWN:	PGB	
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LEVEL 1 FLOOR PLAN

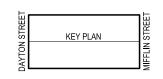
SF1



LEVEL 1 FLOOR PLAN 1/32" = 1'-0"







LEGEND

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215 MARTIN LUTHER KING JR. BLVD

PROJECT:

2017 PARKING GARAGE MAINTENANCE

PROJECT LOCATION: OVERTURE CENTER RAMP

JSD PROJECT NO.:

SEAL/SIGNATURE:

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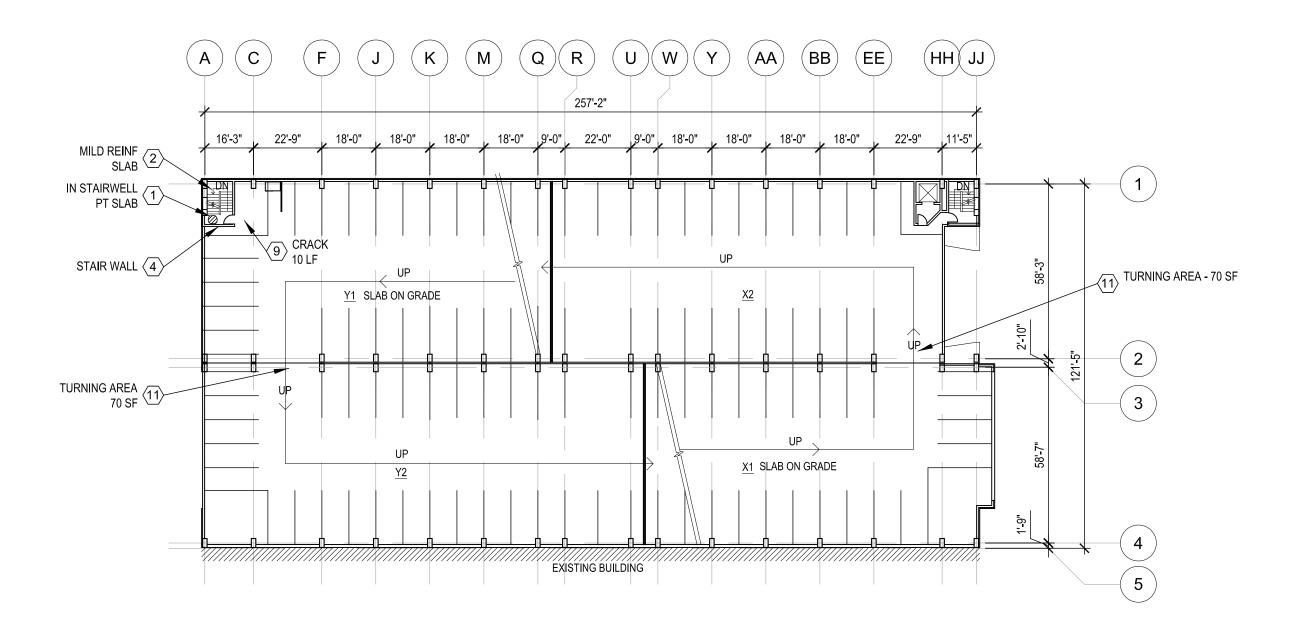
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SHEET TITLE:

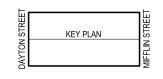
LEVEL 1 FLOOR PLAN



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PROJECT: 2017 PARKING GARAGE

OVERTURE CENTER RAMP

MAINTENANCE

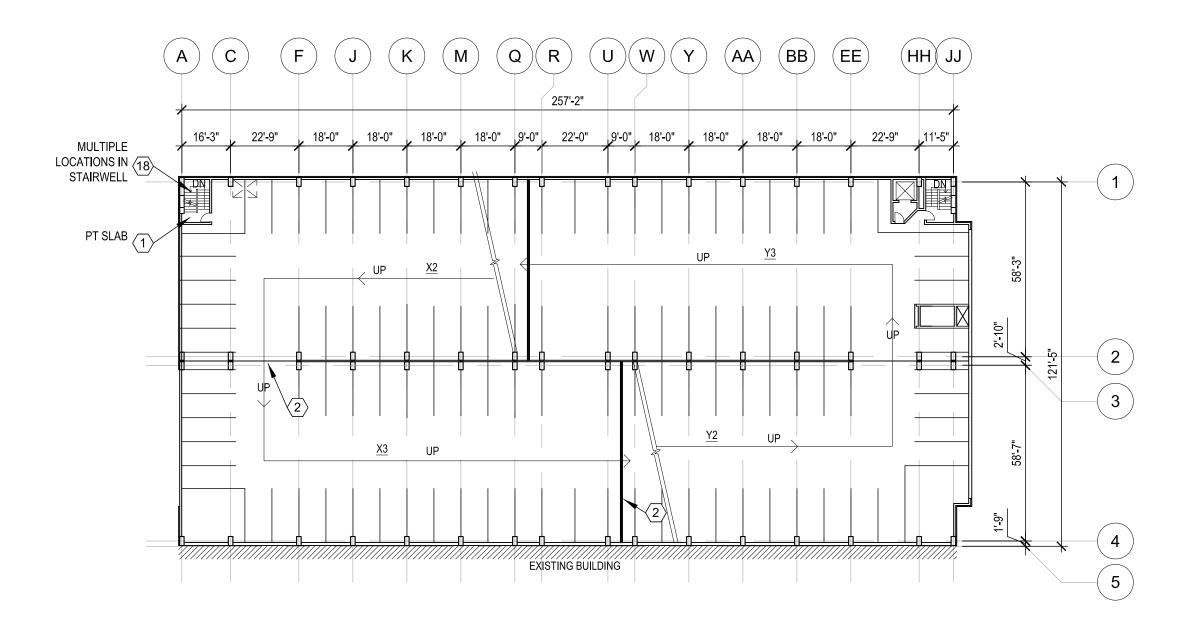
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LEVEL 2 FLOOR PLAN



LEVEL 3 FLOOR PLAN 1/32" = 1'-0"







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PROJECT:

2017 PARKING GARAGE MAINTENANCE

OVERTURE CENTER RAMP

JSD PROJECT NO

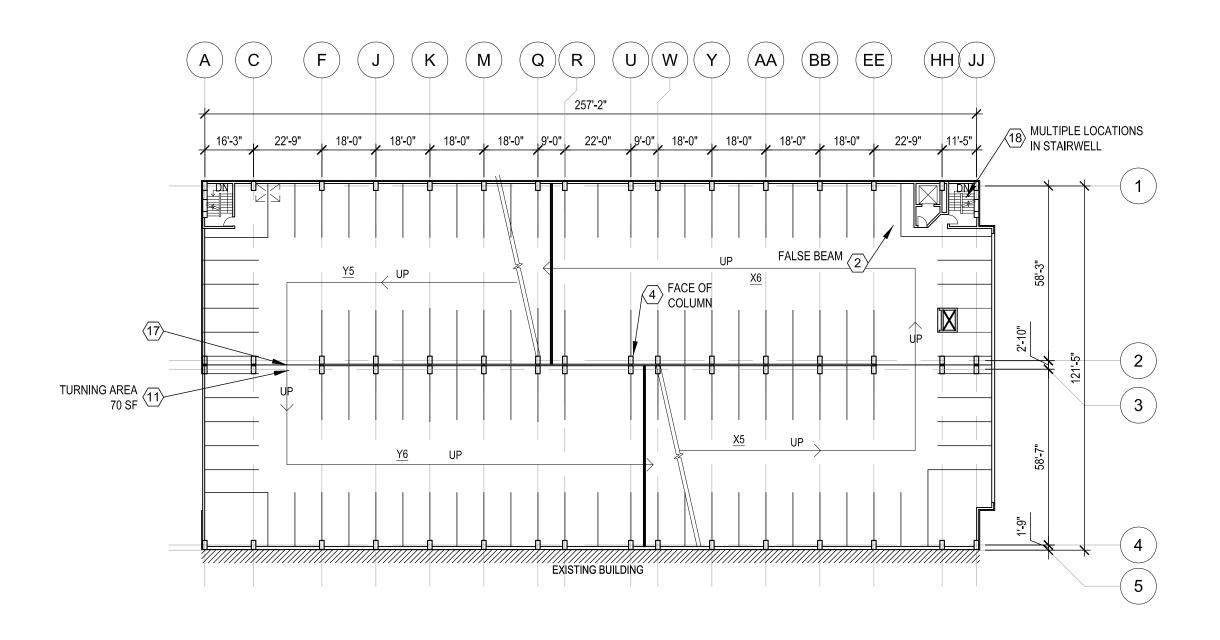
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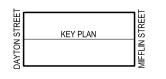
LEVEL 3 FLOOR PLAN



LEVEL 6 FLOOR PLAN 1/32" = 1'-0"







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2017 PARKING GARAGE MAINTENANCE

OVERTURE CENTER RAMP

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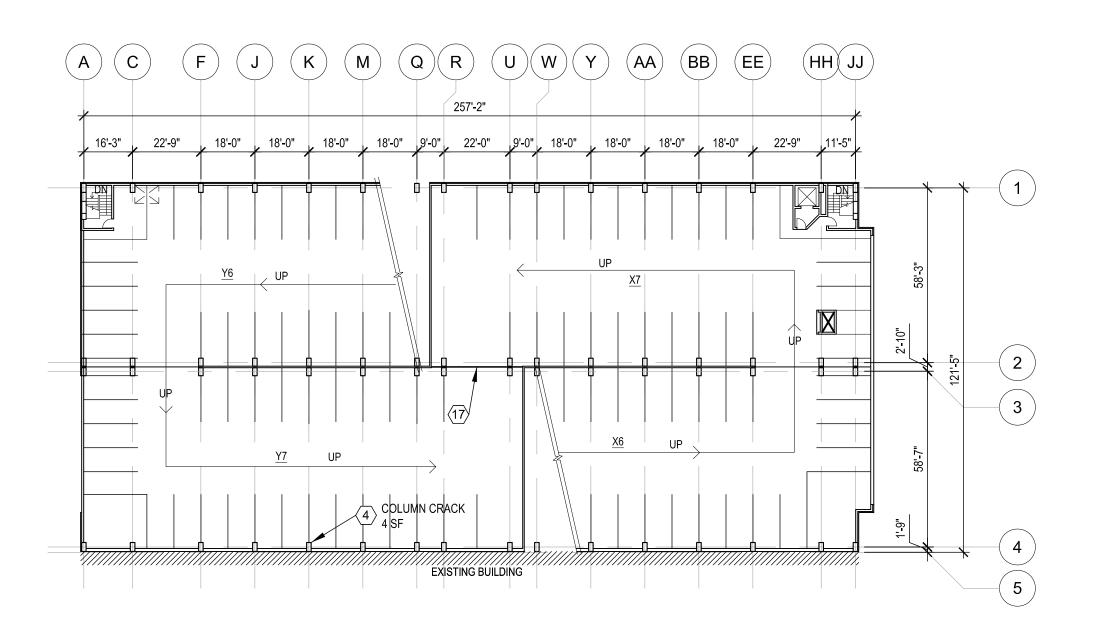
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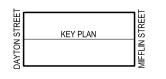
LEVEL 6 FLOOR PLAN



LEVEL 7 FLOOR PLAN 1/32" = 1'-0"







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2017 PARKING GARAGE MAINTENANCE

OVERTURE CENTER RAMP

JSD PROJECT NO

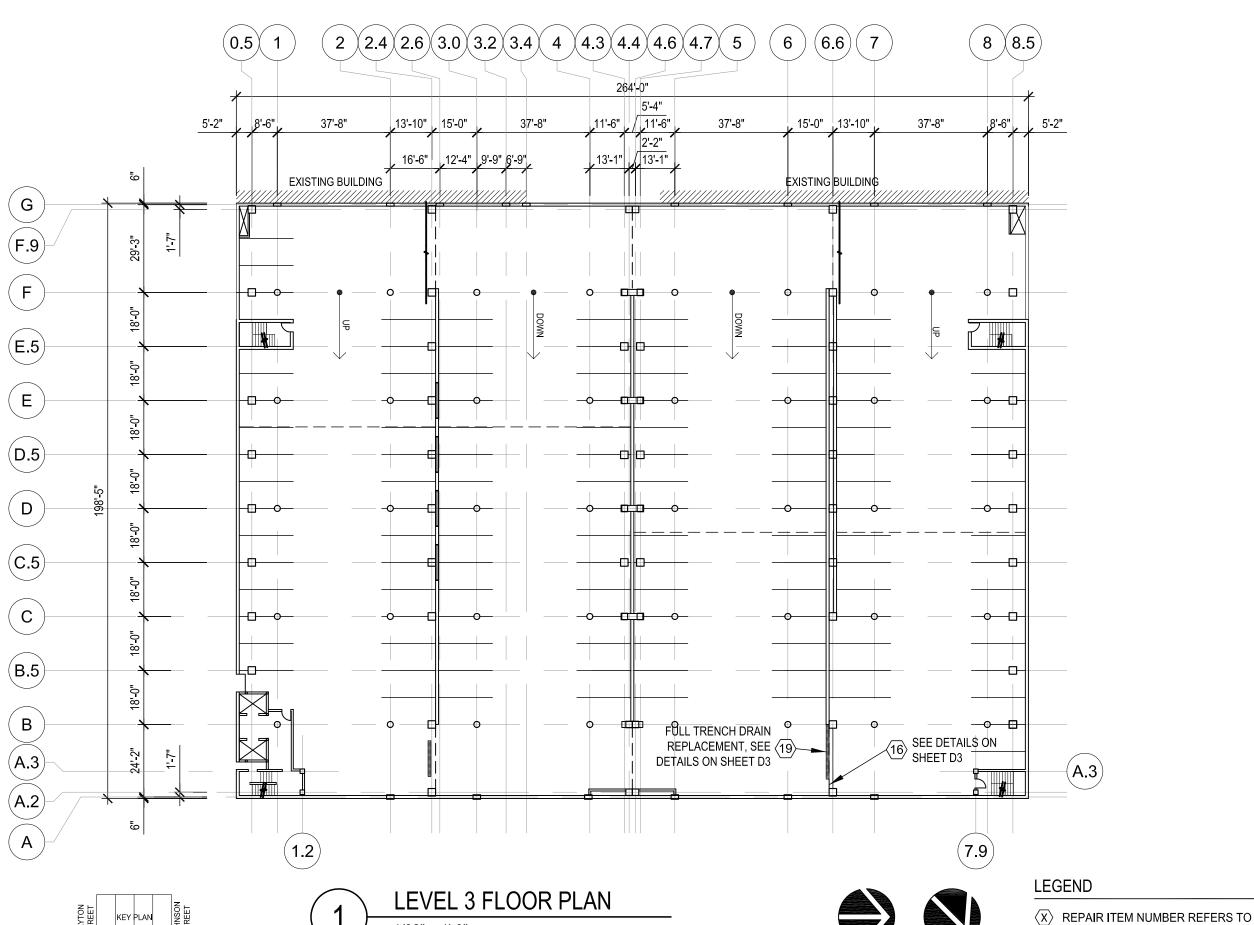
ALTHOUGH EVERY EFFORT HAS BEEN MADE AL HOUGH EVERT EFFOR HAS BEEN MADE. IN PREPARING THESE PLANS AND CHECKING THEM FOR ACCURACY, THE CONTRACTOR AND SUBCONTRACTORS MUST CHECK ALL DETAIL AND DIMENSIONS OF THEIR TRADE AND BE RESPONSIBLE FOR THE SAME.

DESIGN: PGB DRAWN: PGB APPROVED: JJE

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LEVEL 7 FLOOR PLAN





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215 MARTIN LUTHER KING JR. BLVI MADISON, WISCONSIN 53701-2986

PROJECT: 2017 PARKING **GARAGE** MAINTENANCE

STATE STREET CAPITOL

JSD PROJECT NO

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LEVEL THREE FLOOR PLAN

WORK ITEM OUTLINED IN THE UNIT

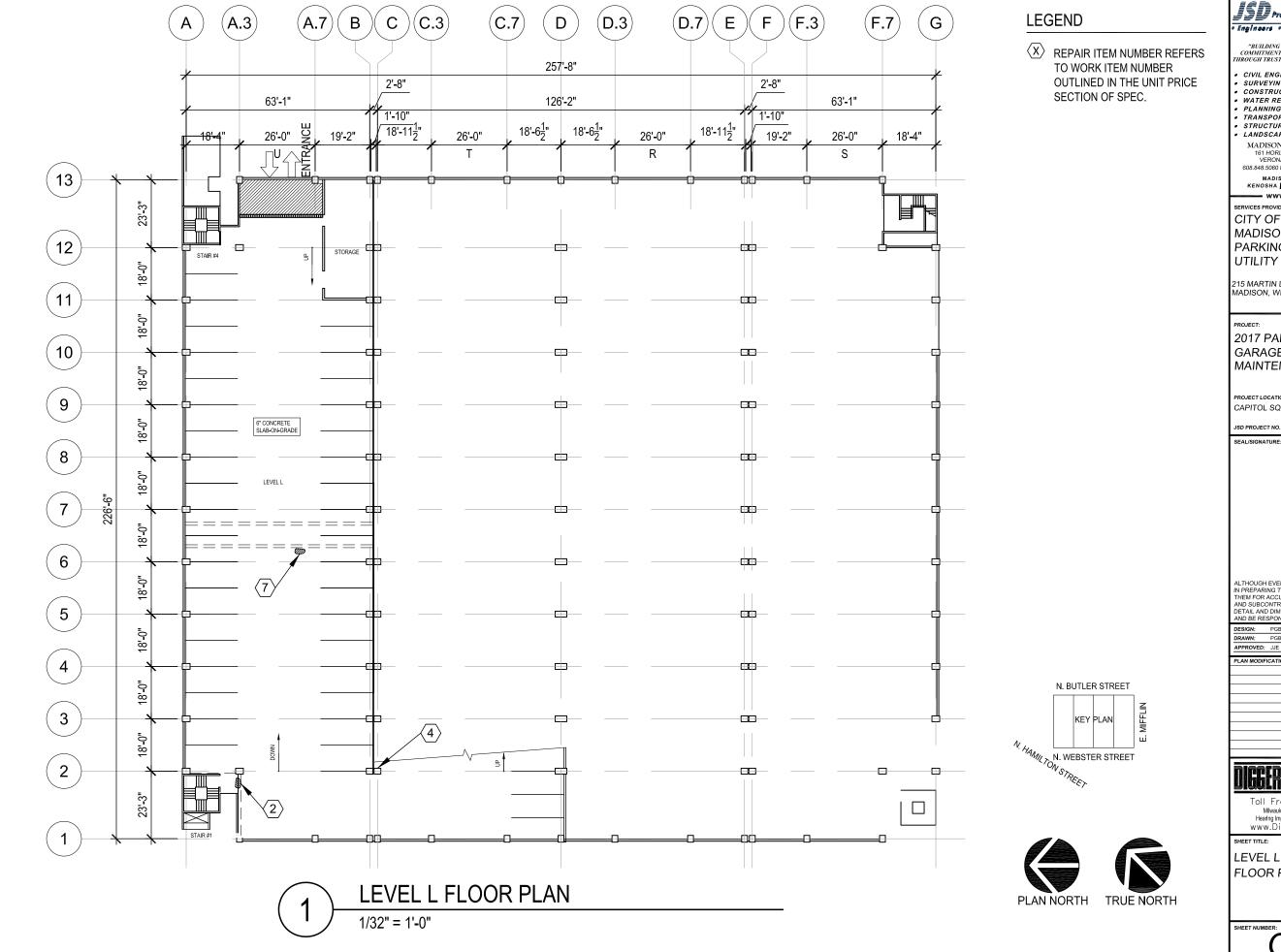
PRICES SECTION OF SPEC.

SC1

1/32" = 1'-0"







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2017 PARKING GARAGE MAINTENANCE

CAPITOL SQUARE NORTH

ISD PROJECT NO.

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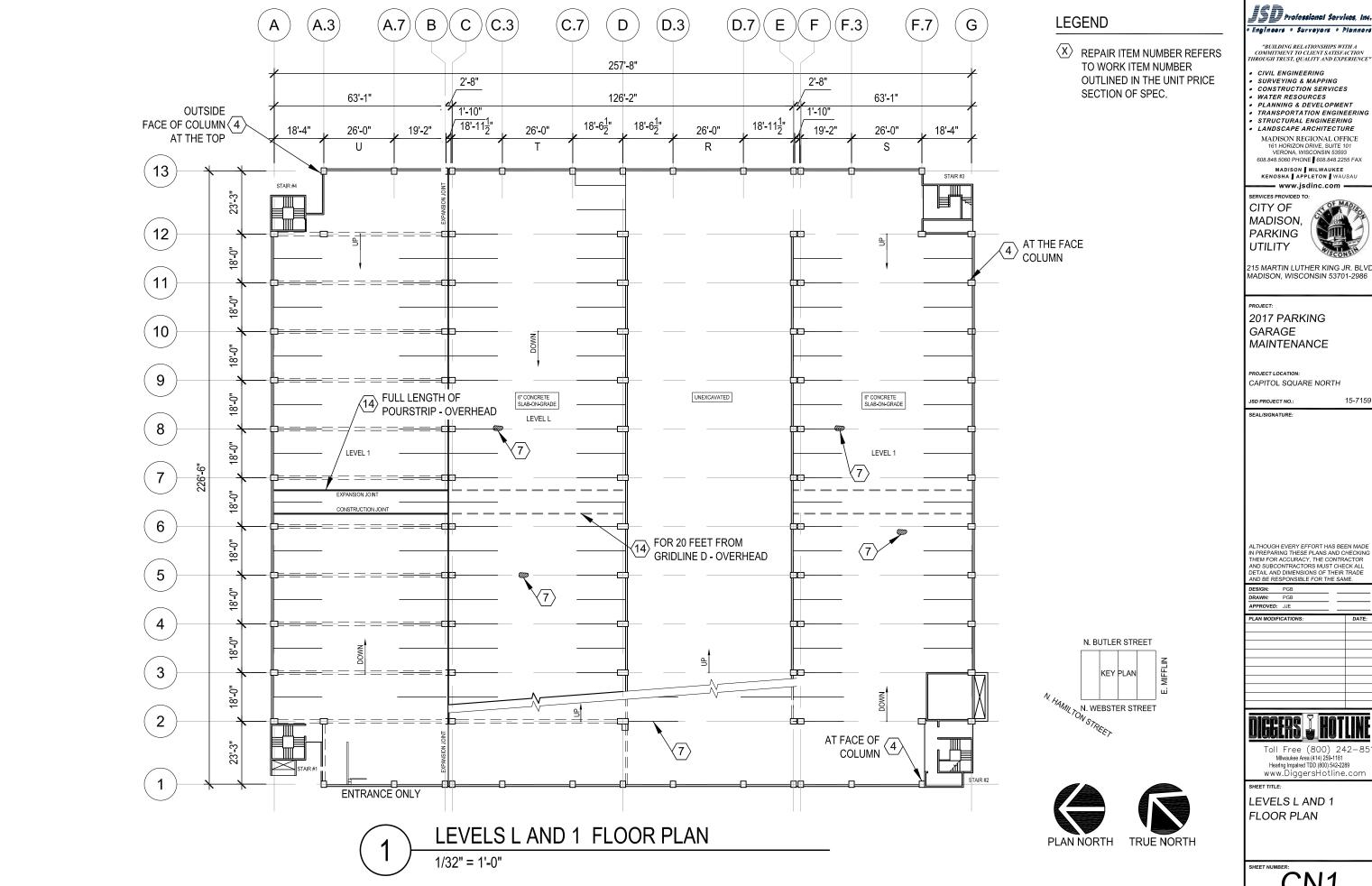
PLAN MODIFICATIONS:



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LEVEL L FLOOR PLAN

CNO



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2017 PARKING MAINTENANCE

CAPITOL SQUARE NORTH

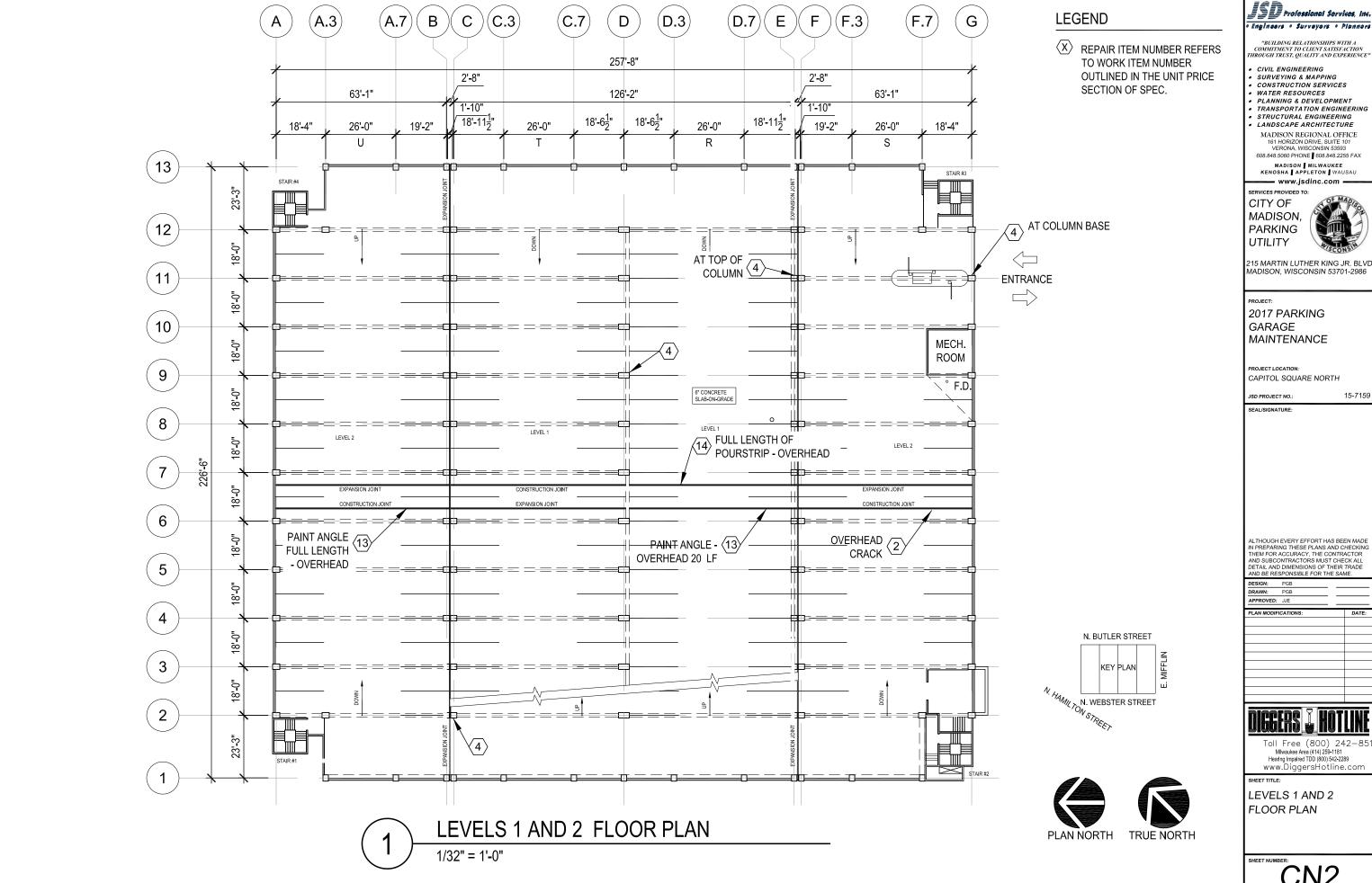
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LEVELS L AND 1



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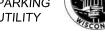
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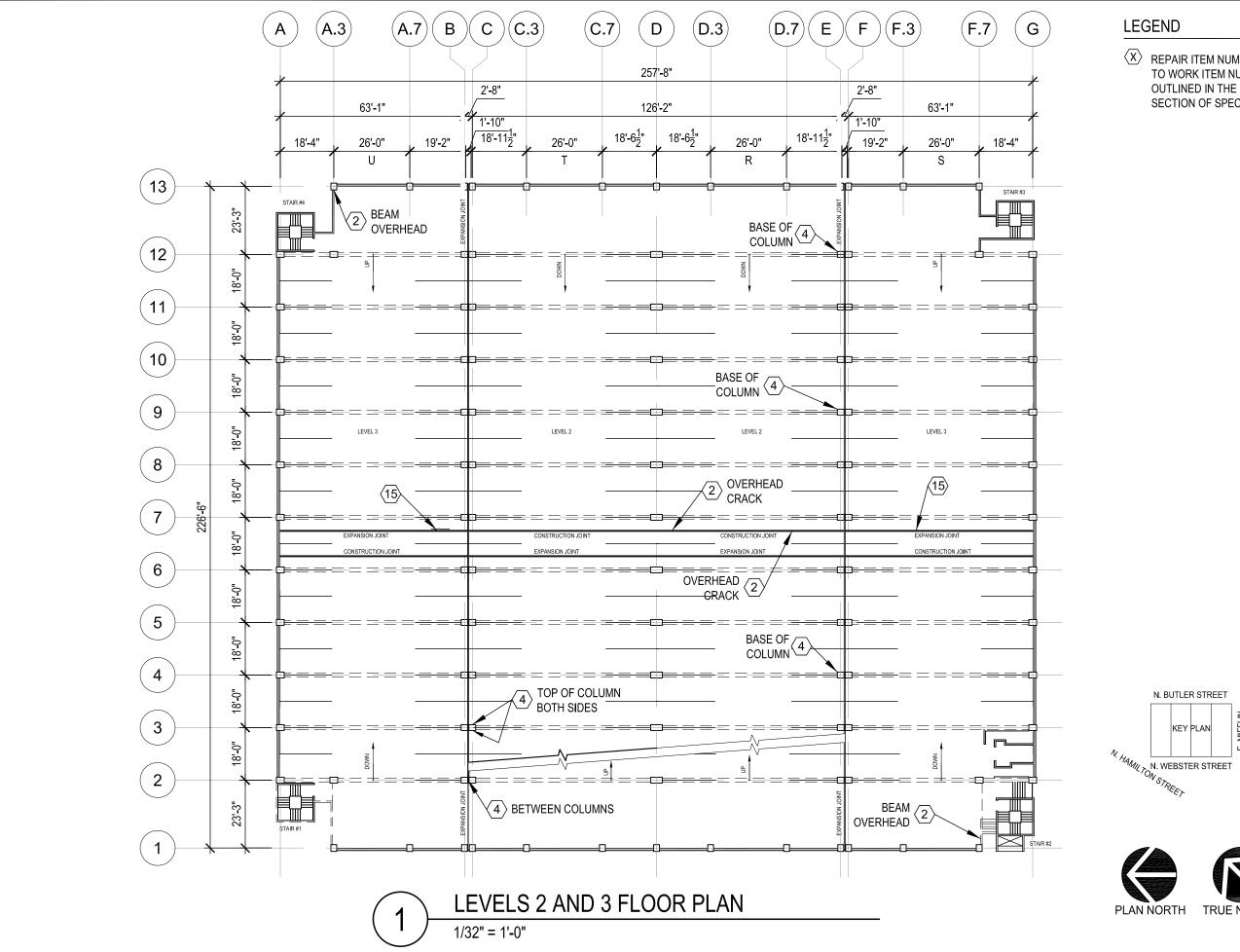


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X REPAIR ITEM NUMBER REFERS TO WORK ITEM NUMBER **OUTLINED IN THE UNIT PRICE** SECTION OF SPEC.

KEY PLAN



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ROJECT:

2017 PARKING GARAGE MAINTENANCE

CAPITOL SQUARE NORTH

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SEAL/SIGNATURE:

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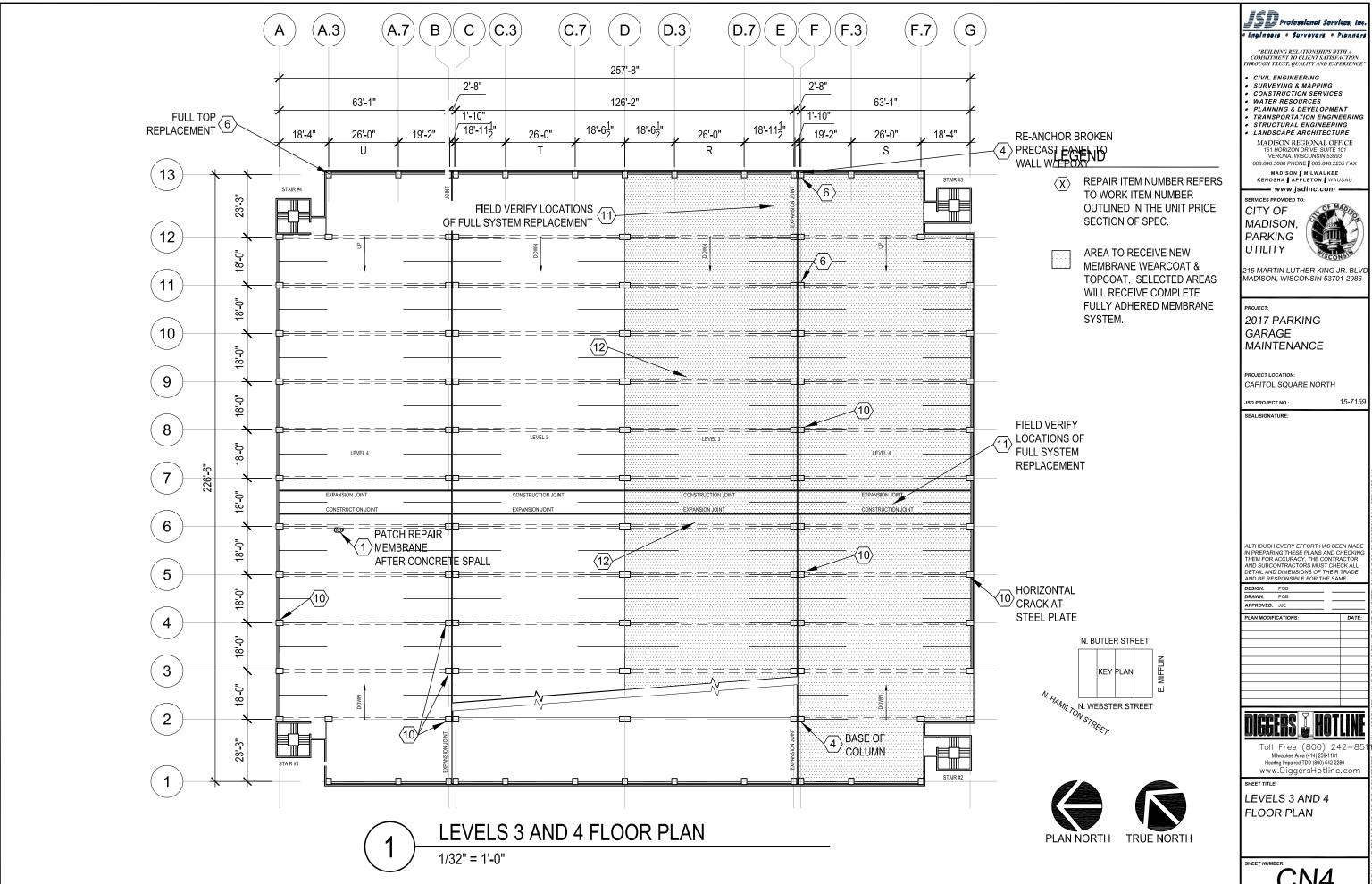
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PLAN MODIFICATIONS



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LEVELS 2 AND 3 FLOOR PLAN



LOCATE POST TENSION TENDONS PRIOR TO CONCRETE REMOVAL.

DO NOT JACK HAMMER POST TENSION TENDONS.

SCALE: NTS

 $rac{3}{4}$ " REMOVAL AROUND REINFORCING BARS. GRIT-BLAST MILD REINFORCING STEEL TO NEAR WHITE METAL CONDITION BEFORE PLACING NEW CONCRETE.

DO NOT REMOVE CONCRETE UNDER POST TENSION TENDON WITHOUT ENGINEER'S APPROVAL.

TOPSIDE SLAB RESTORATION





SPECIFIED

EDGES

GRIT-BLAST REINFORCING TO NEAR WHITE CONDITION BEFORE PLACING

NEW CONCRETE

- SOUND CONCRETE

PRIMER "SCRUB COAT"

3/4" MIN ALL AROUND BAR, TYP

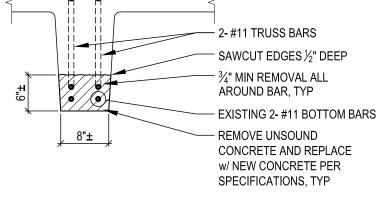
REMOVE UNSOUND CONCRETE AND

REPLACE w/ NEW CONCRETE AS

SAWCUT VERTICAL EDGES 1/8" DEEP

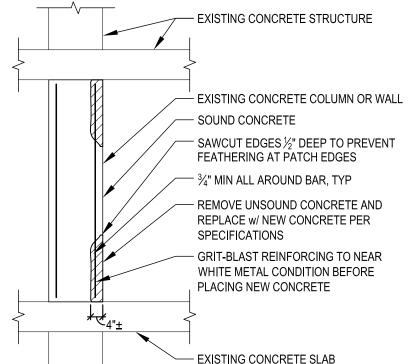
TO PREVENT FEATHERING AT PATCH

SCALE: NTS





SCALE: 3/4" = 1'-0"



EXISTING STEEL PIPE REMOVE UNSOUND CONCRETE AND REPLACE WITH NEW CONCRETE PER **SPECIFICATIONS** EXISTING CAST IN TREAD NOSING, DO NOT DAMAGE #4 HAIRPIN. DRILL AND EPOXY 6" INTO EXISTING CONCRETE TOUCH UP GALVANIZING WITH ZINC RICH COATING EXISTING STAIR, SOUND CONCRETE SAWCUT EDGES 1/2" DEEP TO PREVENT FEATHERING AT PATCH EDGES



CONCRETE METER POST REPAIR

EXISTING STEEL PIPE

¾" MIN REMOVAL ALL

GRIT-BLAST EXISTING #4

REMOVE UNSOUND CONCRETE

BARS TO NEAR WHITE

AND REPLACE w/ NEW

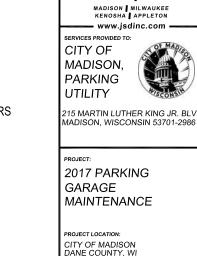
SPECIFICATIONS, TYP

CONCRETE PER

AROUND BAR, TYP

CONDITIONS

SCALE: NTS



ISD PROJECT NO

15-7159

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DETAILS

SHEET NUMBER:

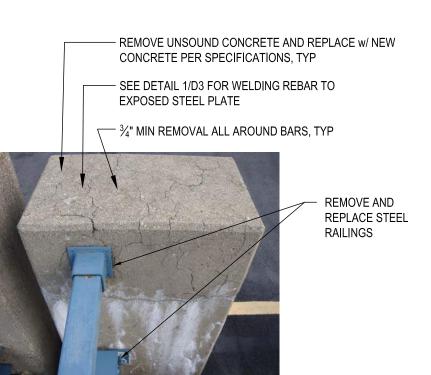
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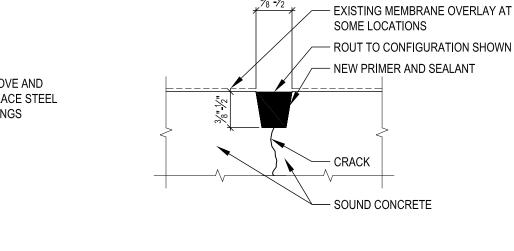
REPAIR AT VERTICAL SURFACES

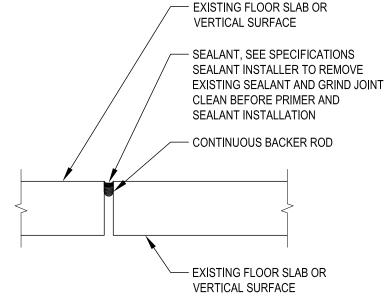
SCALE: NTS

STAIR TREAD REPAIR

SCALE: NTS

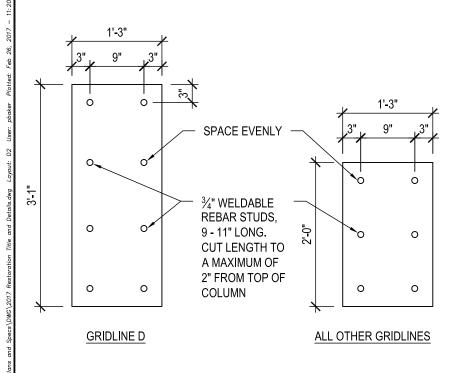












IN TOP OF COLUMN

SCALE: 3/4" = 1'-0"

WELDING REBAR TO STEEL PLATE

COLUMN TOP REPAIR

CSN

CSN

SCALE: NTS

CONTRACTOR SHALL REMOVE ALL

EXPANSION JOINT SEAL.

BOTH SIDES OF OPENING.

CONCRETE DECK.

CLEAN BLOCKOUT TO RECEIVE NEW

EXISTING EXPANSION JOINT MATERIAL AND

CONCRETE BED TO BE IN SAME PLANE ON

SEAL COMPONENTS SHALL BE SLIGHTLY

DEPRESSED BELOW SURFACE OF

COMPLETE EXPANSION JOINT AND **BLOCKOUT REPLACEMENT** SCALE: NTS

EXPANSION JNT REPLACEMENT SCALE: NTS OC

EPOXY NOSING TO BE REMOVED FIELD VERIFY CONDITION OF BLOCKOUT PRIOR TO PLACEMENT OF NEW JOINT, REPLACE AND REBUILD AS NEEDED POLYURETHANE JOINT TO BE REMOVED REMOVE AND REPLACE TRAFFIC PLATE AS REQUIRED

215 MARTIN LUTHER KING JR. BLV MADISON, WISCONSIN 53701-2986 2017 PARKING GARAGE MAINTENANCE CITY OF MADISON DANE COUNTY, WI 15-7159 JSD PROJECT NO

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PROJECT:

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LANDSCAPE ARCHITECTURE

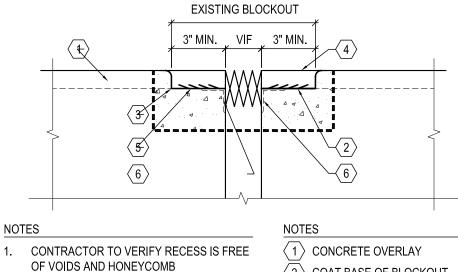
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DETAILS

D2



SLAB CRACK REPAIR

SCALE: NTS

VERIFY WIDTH OF

- (2) COAT BASE OF BLOCKOUT WITH RESIN MIXTURE ONLY
- (3) PRIMER ON EDGE OF JOINT
- 4 POLYCRETE ELASTOMETRIC CONCRETE

SLAB JOINT SIMILAR

- (5) EXPANSION JOINT SEAL
- STEEL ANGLES BELOW OVERLAY AND SEAL TO BE REMOVED AND BLOCKOUT SYSTEM FOR NEW JOINT SEAL SYSTEM



COMPLETELY REMOVE EXISTING TRENCH DRAIN

REMOVE EXPANSION JOINT, AND STEEL PANS ON THE UNDERSIDE. REPLACE EXPANSION JOINT PER SPECIFICATIONS IN SAME LINE AS EXISTING - FULL LENGTH. SEE FLOOR BELOW AND DETAIL 4/D3 FOR LOCATION.



TRENCH DRAIN AND EXPANSION JOINT REMOVAL AT LEVEL 3

SCALE: NTS SSCO

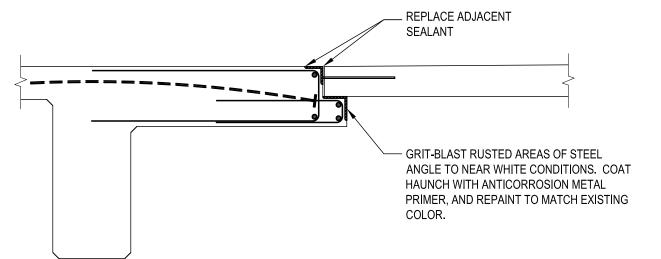


REMOVE TRENCH DRAIN AND NECESSARY SURROUNDING CONCRETE. NEW EXPANSION JOINT TO BE INSTALLED IN EXISTING DRAIN LOCATION.



TRENCH DRAIN REMOVAL AT LEVEL 3

SCALE: NTS SSCO



STEEL ANGLE REPAINTING

SCALE: NTS

NEW EXPANSION JOINT LOCATION ON 3RD LEVEL, IN SAME LOCATION AS SEEN ON 2ND LEVEL.

NEW ACO TRENCH DRAIN. 1'-0" FROM EXISTING LOCATION AND NEW **EXPANSION JOINT.**

NEW CONCRETE FILL SURROUNDING NEW TRENCH DRAIN.

STOP 2'-0" SHORT FROM ENDS OF DRIVE ISLE, BOTH SIDES



NEW EXPANSION JOINT AND TRENCH DRAIN LOCATIONS AT LEVEL 3

SCALE: NTS

REMOVE EXISTING CORRODED STEEL PANS PRIOR TO CONCRETE REMOVAL

REMOVE AND REPLACE PVC STORM PIPE IN NEW DRAIN LOCATION PER DRAIN SPECIFICATIONS

CONNECT NEW 4"-6" STORM DRAIN, VERIFY PIPE SIZE.



EXISTING PIPE CONNECTION AT UNDERSIDE OF LEVEL 3 TRENCH DRAIN REPLACEMENT LOCATION

SCALE: NTS

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PROJECT:

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SSCO

2017 PARKING GARAGE MAINTENANCE

CITY OF MADISON DANE COUNTY, WI JSD PROJECT NO

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D3