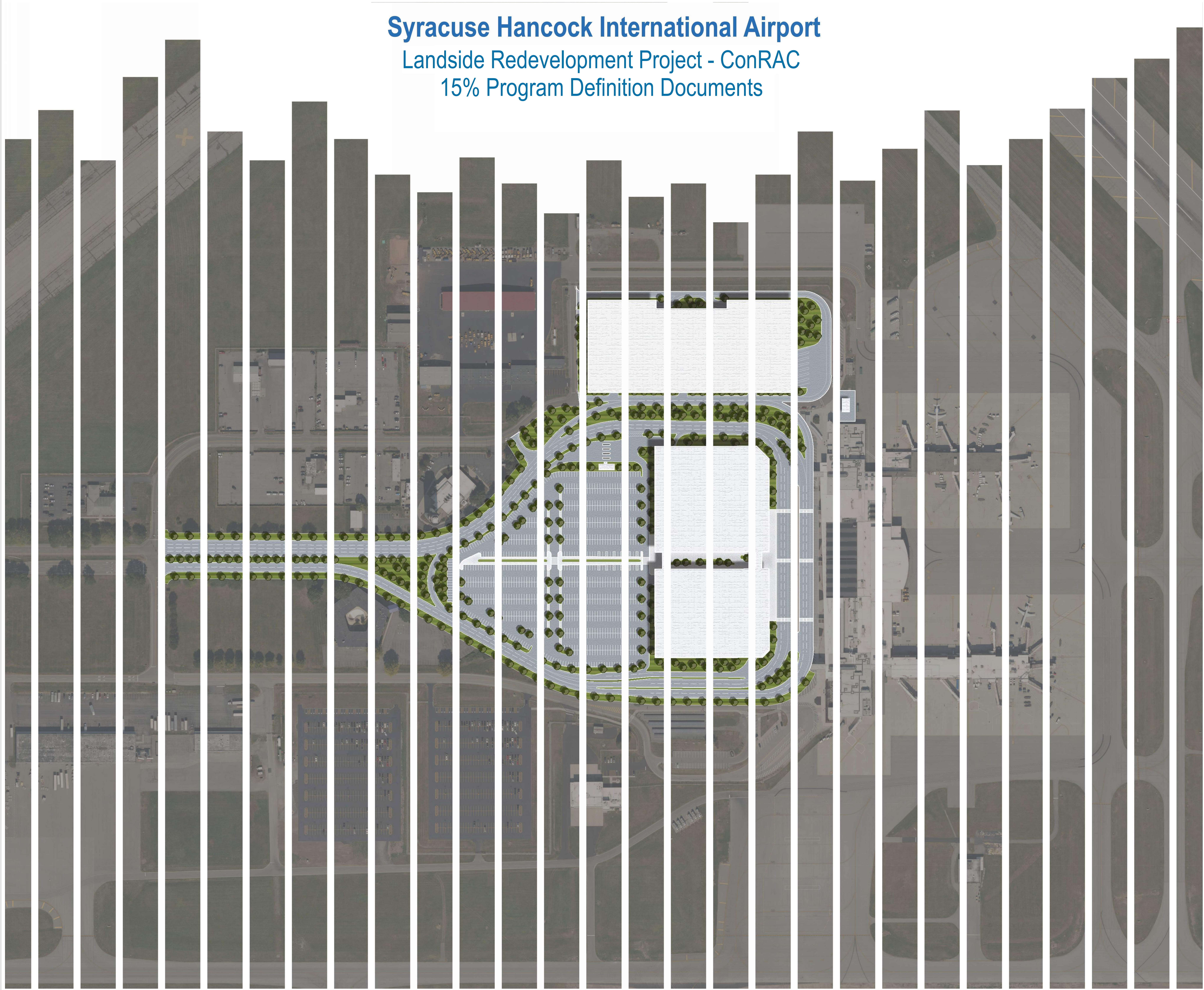



Syracuse Hancock International Airport

Landside Redevelopment Project - ConRAC

15% Program Definition Documents

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SYRACUSE HANCOCK INTERNATIONAL AIRPORT
 Landside Design Study - ConRAC
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212
 Syracuse Regional Airport Authority
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212

PROJECT MANAGEMENT & PLANNING
Landrum & Brown
 110 Wilson St., 2nd Fl.
 New York, NY 10038

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 New York, NY 10001

ARCHITECT
Foit-Albert Associates
 285 Main Street, Suite 200
 Buffalo, New York 14203

STRUCTURAL, ROADWAY DESIGN
TYLin
 32 Old Slip, 10th Fl.
 New York, NY 10002

ACCOUNTING
Currie & Brown
 12 East 49th Street, 11th Fl.
 New York, NY 10017

LIGHTING DESIGN
Cline Bettridge Bernstein
 116 East 27th Street, 4th Fl.
 New York, NY 10010

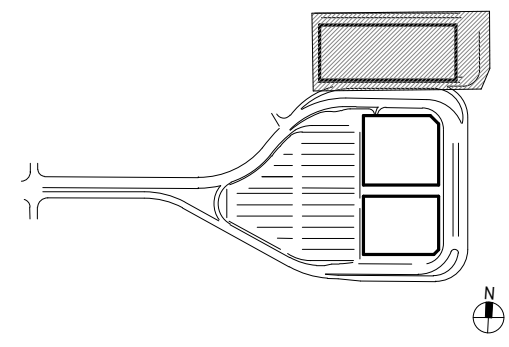
SIGNAGE
Airspace
 41 Flatbush Ave.
 Brooklyn, NY 11217

LANDSCAPE
EDR
 217 Montgomery St., Suite 1100
 Syracuse, NY 13202

MEFP
PDG
 555 Penobscot Drive
 Penfield, NY 14526

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KEY PLAN



ISSUE CHART

Revised	Revised	Revision Date

Scale: AS NOTED
 Date: 07/28/23 Project Manager: DM
 Drawn By: JA Checked By: JG
 Job Number: 220450.00

TITTLE

COVER SHEET

DRAWING NUMBER

G00-00

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LIST OF DRAWINGS

GENERAL			
SHEET NUMBER	SHEET NAME	ISSUE DATE	REVISION
G00-00	COVER SHEET	07/28/23	
G00-01	LIST OF DRAWINGS	07/28/23	
G00-02	SYMBOLS & ABBREVIATIONS	07/28/23	
G00-03	GENERAL NOTES	07/28/23	
G10-00	CODE COMPLIANCE SUMMARY CONRAC	07/28/23	
G10-01	CODE COMPLIANCE PLAN CONRAC PHASE 1 LEVELS 1 & 2	07/28/23	

CIVIL			
SHEET NUMBER	SHEET NAME	ISSUE DATE	REVISION
C00-01	GENERAL OVERALL PLAN	07/28/23	
C01-01	CONSTRUCTION STAGING AND HAUL ROUTE PLAN	07/28/23	
C02-01	MAINTENANCE OF TRAFFIC - OVERALL	07/28/23	
C02-02	MAINTENANCE OF TRAFFIC - PHASE 1	07/28/23	
C03-01	BORING AND CORING PLAN	07/28/23	
C04-01	CIVIL NOTES, LEGEND, AND ABBREVIATIONS	07/28/23	
C05-01	SURVEY PLAN - SHEET 1	07/28/23	
C05-02	SURVEY PLAN - SHEET 2	07/28/23	
C05-03	SURVEY PLAN - SHEET 3	07/28/23	
C05-04	SURVEY PLAN - SHEET 4	07/28/23	
C05-05	SURVEY PLAN - SHEET 5	07/28/23	
C05-06	SURVEY PLAN - SHEET 6	07/28/23	
C05-07	SURVEY PLAN - SHEET 7	07/28/23	
C06-01	SURVEY CONTROL PLAN	07/28/23	
C07-01	CIVIL KEY PLAN	07/28/23	
C10-01	EXISTING CONDITIONS PLAN - SHEET 1	07/28/23	
C10-02	EXISTING CONDITIONS PLAN - SHEET 2	07/28/23	
C11-01	EXISTING GROUND UTILITIES PLAN - SHEET 1	07/28/23	
C11-02	EXISTING GROUND UTILITIES PLAN - SHEET 2	07/28/23	
C12-01	SITE DEMOLITION PLAN - SHEET 1	07/28/23	
C12-02	SITE DEMOLITION PLAN - SHEET 2	07/28/23	
C13-01	SITE LAYOUT PLAN - SHEET 1	07/28/23	
C13-02	SITE LAYOUT PLAN - SHEET 2	07/28/23	
C14-01	GRADING, DRAINAGE AND ES PLAN - SHEET 1	07/28/23	
C14-02	GRADING, DRAINAGE AND ES PLAN - SHEET 2	07/28/23	
C15-01	DRAINAGE AND UTILITY PLAN - SHEET 1	07/28/23	
C15-02	DRAINAGE AND UTILITY PLAN - SHEET 2	07/28/23	
C15-03	DRAINAGE AND UTILITY PLAN - SHEET 3	07/28/23	
C20-01	ROADWAY PROFILES - SHEET 1	07/28/23	
C20-02	ROADWAY PROFILES - SHEET 2	07/28/23	
C30-01	TYPICAL SECTIONS - SHEET 1	07/28/23	
C40-01	DRAINAGE, PAVEMENT AND SITE DETAILS - SHEET 1	07/28/23	
C40-02	DRAINAGE, PAVEMENT AND SITE DETAILS - SHEET 2	07/28/23	
C40-03	DRAINAGE, PAVEMENT AND SITE DETAILS - SHEET 3	07/28/23	
C40-04	DRAINAGE, PAVEMENT AND SITE DETAILS - SHEET 4	07/28/23	
C40-05	DRAINAGE, PAVEMENT AND SITE DETAILS - SHEET 5	07/28/23	
C40-06	DRAINAGE, PAVEMENT AND SITE DETAILS - SHEET 6	07/28/23	
C40-07	DRAINAGE, PAVEMENT AND SITE DETAILS - SHEET 7	07/28/23	
C40-08	DRAINAGE, PAVEMENT AND SITE DETAILS - SHEET 8	07/28/23	
C40-09	DRAINAGE, PAVEMENT AND SITE DETAILS - SHEET 9	07/28/23	
C50-01	SIGNAGE AND MARKING PLAN - SHEET 1	07/28/23	
C50-02	SIGNAGE AND MARKING PLAN - SHEET 2	07/28/23	
C60-01	PAVEMENT MARKING DETAILS - SHEET 1	07/28/23	
C60-02	PAVEMENT MARKING DETAILS - SHEET 2	07/28/23	
C60-03	PAVEMENT MARKING DETAILS - SHEET 3	07/28/23	

LANDSCAPING			
SHEET NUMBER	SHEET NAME	ISSUE DATE	REVISION
L01-01	CONRAC SITE - LANDSCAPE PLAN & DETAILS	07/28/23	

STRUCTURAL			
SHEET NUMBER	SHEET NAME	ISSUE DATE	REVISION
S00-01	STRUCTURAL GENERAL NOTES	07/28/23	
S10-11	FOUNDATION & SLAB PLAN - PHASE 1	07/28/23	
S10-12	FRAMING PLAN - PHASE 1 - LEVEL 2	07/28/23	
S10-13	FRAMING PLAN - PHASE 1 - ROOF LEVEL	07/28/23	
S20-11	BUILDING SECTIONS - PHASE 1	07/28/23	
S70-11	STRIPING PLAN - PHASE 1 - LEVEL 1	07/28/23	
S70-12	STRIPING PLAN - PHASE 1 - LEVEL 2	07/28/23	

ARCHITECTURAL			
SHEET NUMBER	SHEET NAME	ISSUE DATE	REVISION
A01-00	CONRAC - PHASE 1 SITE PLAN - OVERALL	07/28/23	
A10-11	CONRAC - PHASE 1 PLAN - LEVEL 1	07/28/23	
A10-12	CONRAC - PHASE 1 PLAN - LEVEL 2	07/28/23	
A10-13	CONRAC - PHASE 1 PLAN - ROOF LEVEL	07/28/23	
A20-10	CONRAC - PHASE 1 ELEVATIONS	07/28/23	
A20-11	CONRAC - PHASE 1 ELEVATIONS	07/28/23	
A20-12	CONRAC - PHASE 1 BUILDING SECTIONS	07/28/23	
A30-01	CONRAC - PHASE 1 FACADE CONCEPT	07/28/23	
A30-10	CONRAC - PHASE 1 WALL SECTIONS & DETAILS	07/28/23	

PLUMBING			
SHEET NUMBER	SHEET NAME	ISSUE DATE	REVISION
P00-00	PLUMBING LEGEND, NOTES, AND SYMBOLS	05/03/23	
P11-10	PLUMBING PLAN - CONRAC UNDERSLAB	05/03/23	
P11-11	PLUMBING PLAN - CONRAC LEVEL 1	05/03/23	
P11-12	PLUMBING PLAN - CONRAC LEVEL 2	05/03/23	
P11-13	PLUMBING PLAN - CONRAC ROOF	05/03/23	
P50-01	PLUMBING DETAILS	05/03/23	
P60-10	PLUMBING SCHEDULES - CONRAC	05/03/23	
P61-10	RISER DIAGRAMS - CONRAC	05/03/23	

MECHANICAL			
SHEET NUMBER	SHEET NAME	ISSUE DATE	REVISION
M00-00	MECHANICAL LEGEND, NOTES AND SYMBOLS	05/03/23	
M11-11	MECHANICAL PLAN VIEW - CONRAC GROUND FLOOR OVERALL PLAN	05/03/23	
M50-01	MECHANICAL DETAILS	05/03/23	
M60-10	MECHANICAL SCHEDULES - CONRAC	05/03/23	

ELECTRICAL			
SHEET NUMBER	SHEET NAME	ISSUE DATE	REVISION
E00-00	ELECTRICAL LEGEND, NOTES AND SYMBOLS	07/28/23	
E01-00	ELECTRICAL SITE PLAN - OVERALL	05/03/23	
E01-02	ELECTRICAL SITE PLAN - PHASE 1	05/03/23	
E11-11	ELECTRICAL PLAN VIEW - CONRAC LEVEL 1	07/28/23	
E11-12	ELECTRICAL PLAN VIEW - CONRAC LEVEL 2	07/28/23	
E50-00	ELECTRICAL DETAILS	07/28/23	
E60-10	SINGLE LINE AND SCHEDULES FOR CONRAC	07/28/23	
E61-00	GROUNDING RISER	07/28/23	
E62-01	DATA RISER	07/28/23	
E63-01	FIRE ALARM RISER	07/28/23	

WAYFINDING			
SHEET NUMBER	SHEET NAME	ISSUE DATE	REVISION
W00-00	WAYFINDING COVER & SIGN TYPE LIST	07/28/23	
W10-01	OVERALL SIGN LOCATION PLAN	07/28/23	
W20-01	IDENTIFICATION SIGN TYPES	07/28/23	

PROJECT



SYRACUSE HANCOCK INTERNATIONAL AIRPORT

Landside Design Study - ConRAC
1000 Col Eileen Collins Blvd
Syracuse, New York 13212
Syracuse Regional Airport Authority
1000 Col Eileen Collins Blvd
Syracuse, New York 13212

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LIGHTING DESIGN

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New York, NY 10017

SIGNAGE

Cline Bettridge Bernstein
116 East 27th Street, 4th Fl.
New York, NY 10010

LANDSCAPE

Airspace
41 Flatbush Ave.
Brooklyn, NY 11217

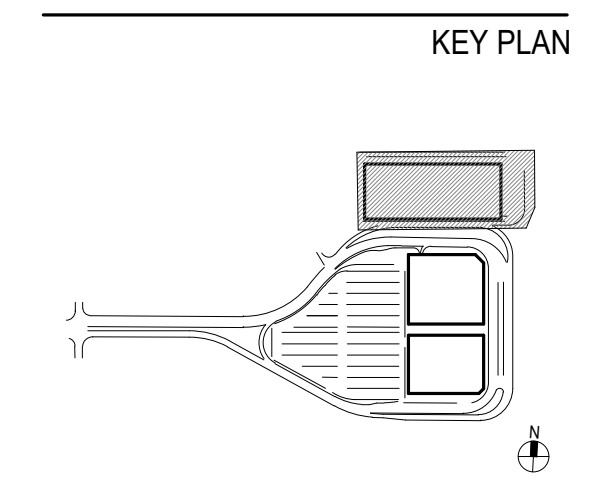
MEFPF

EDR
217 Montgomery St, Suite 1100
Syracuse, NY 13202

MEFPF

PDG
505 Penhollow Drive
Perth Amboy, NJ 08861

PRELIMINARY NOT - FOR CONSTRUCTION 07/28/23



ISSUE CHART

Revised	Revised	Reason	Date

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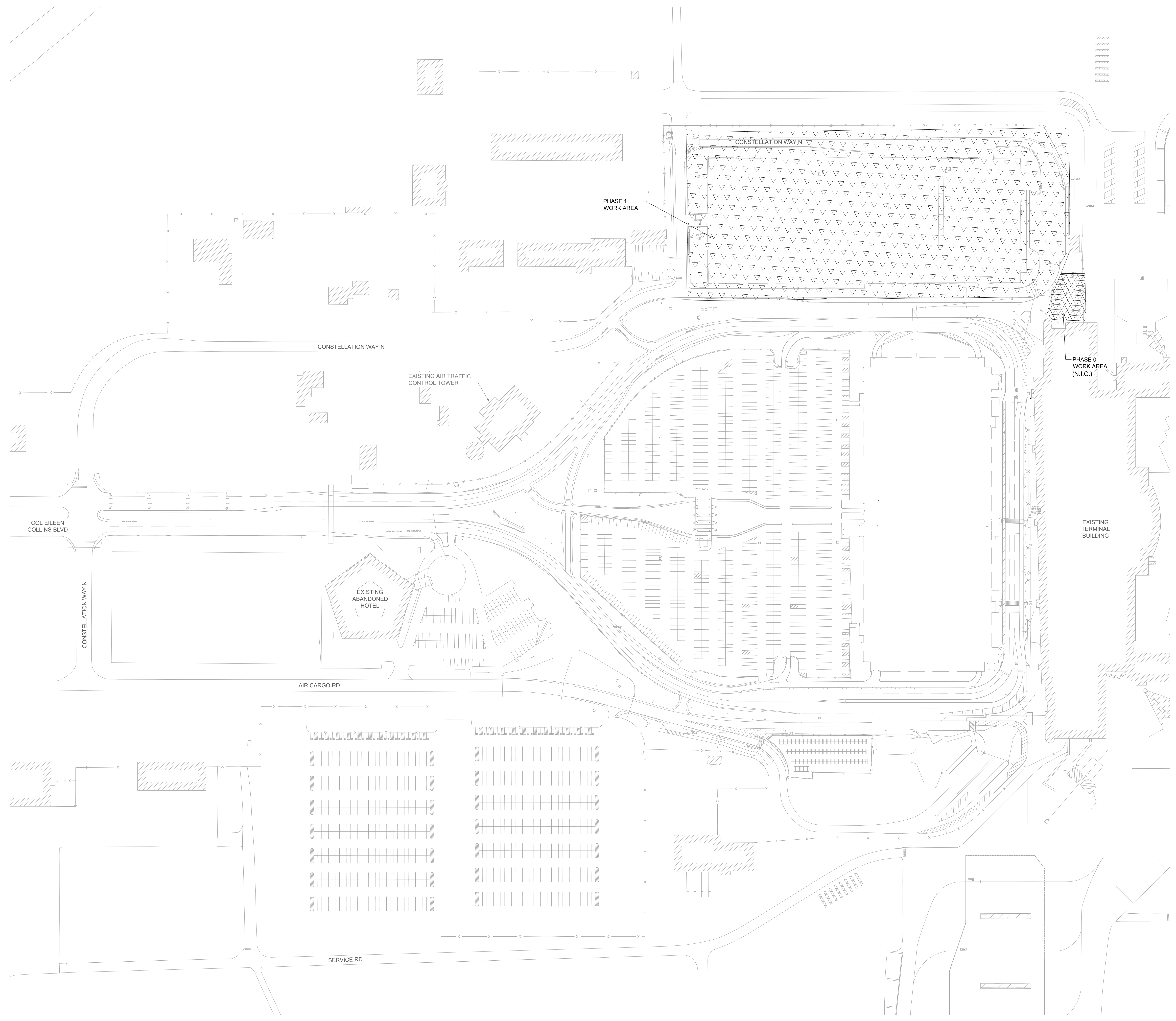
Date: 07/28/23	Project Manager: DM
Drawn By: FA	Checked By: JG
Job Number: 220450.00	

LIST OF DRAWINGS

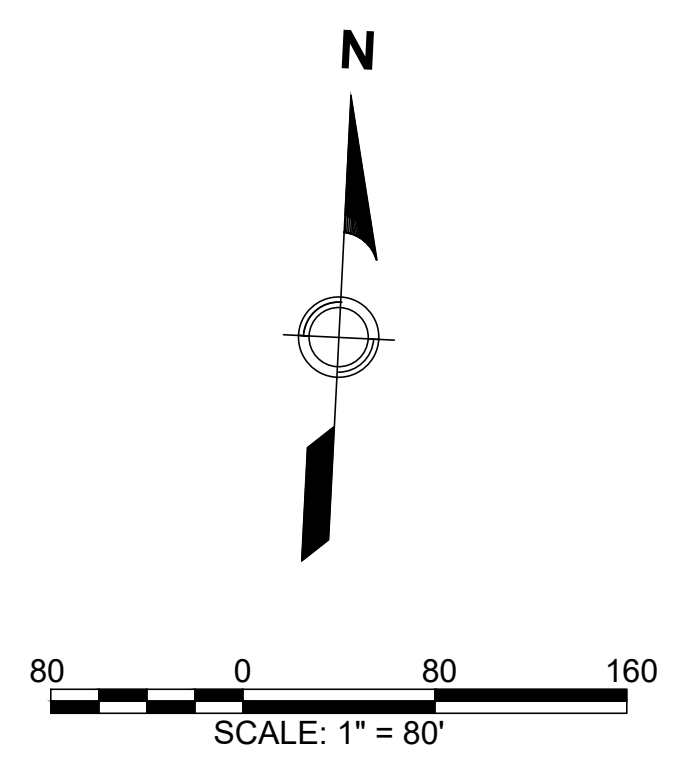
DRAWING NUMBER

G00-01

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- PHASING NOTES:**
1. PHASE 0
 - 1.a. PHASE 0-A - ENABLING
 - 1.b. PHASE 0-B - DEMOLITION
 - 1.c. PHASE 0-C - NEW CONSTRUCTION
 - 1.c.1. RE-GRADE / RE-SEED AREA SURROUNDING NEW ELECTRICAL SWITCH BUILDING. MATCH EXISTING GRADES
 - 1.c.2. EXPAND PARKING LOT TO THE WEST OF THE EXISTING HOTEL LOT FOR TEMPORARY EMPLOYEE LOT RELOCATION



PROJECT

Syracuse Regional Airport Authority
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ACCOUNTING
TYLin
32 Old Slip, 10th Fl.
New York, NY 10005

LIGHTING DESIGN
Currie & Brown
12 East 40th Street, 11th Fl.
New York, NY 10017

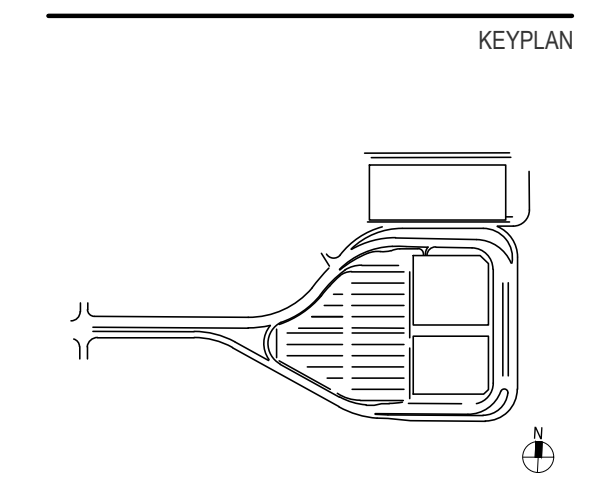
SIGNAGE
Cline Bettridge Bernstein
116 East 27th Street, 4th Fl.
New York, NY 10016

LANDSCAPE
Airspace
41 Flatbush Ave.
Brooklyn, NY 11217

MEPPP
EDR
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PDG
555 Penrose Drive
Perth Amboy, NJ 08861

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Revised Number	Revision Date

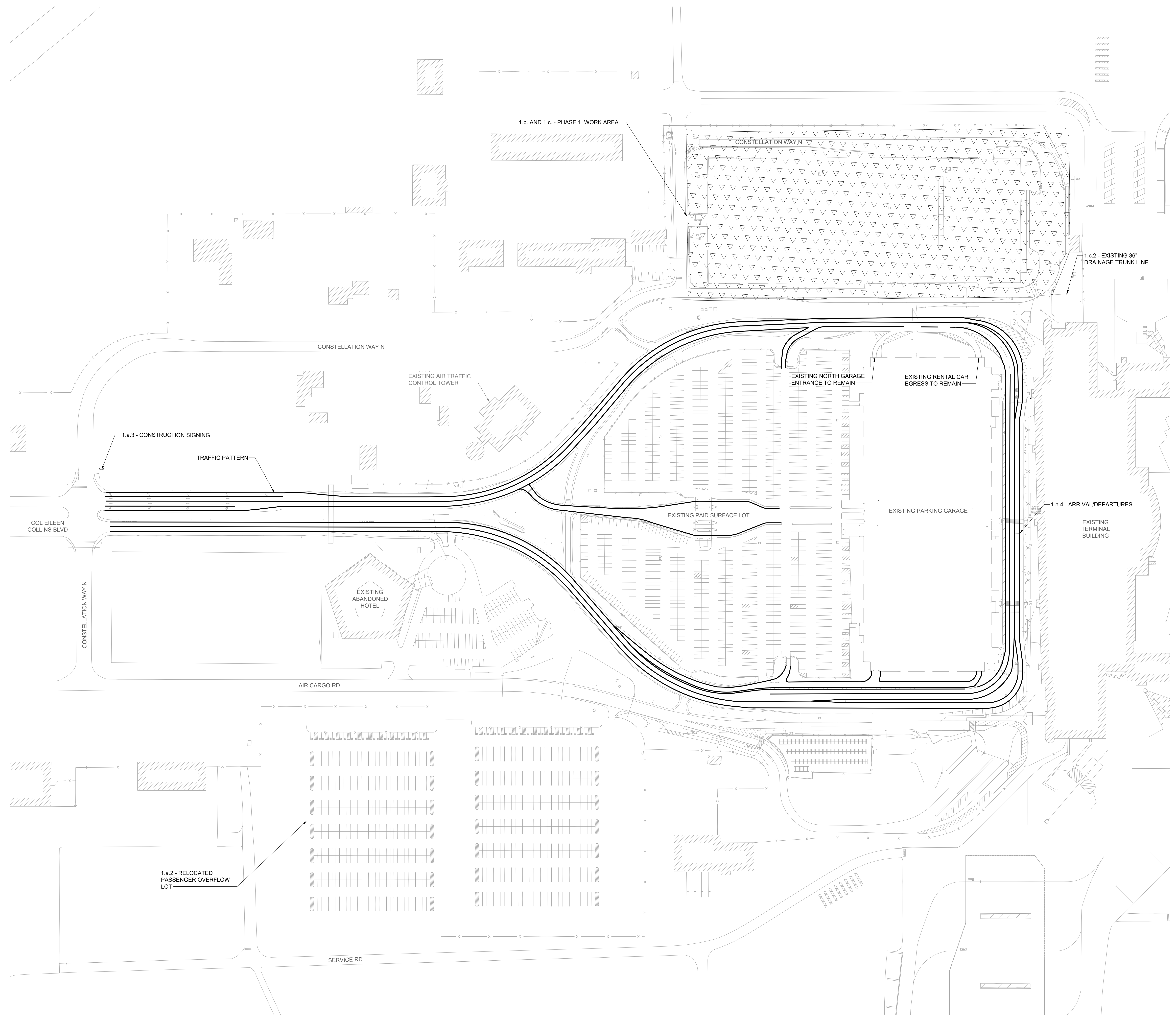
Scale: AS NOTED	Project Manager:
Date: 07/28/23	MLB
Drawn By: ACP	Checked By: MLB
Job Number: 220450.00	TITLE

MAINTENANCE OF TRAFFIC - OVERALL

SHEET NUMBER

C02-01

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- PHASING NOTES:**
- 1. PHASE 1
 - 1.a. PHASE 1-A - ENABLING
 - 1.a.1. COVER / REMOVE PARKING SIGNAGE (NOT SHOWN).
 - 1.a.2. RELOCATE PASSENGER OVERFLOW PARKING TO LOT ON AIR CARGO ROAD. PLACE CONSTRUCTION SIGNS AT INTERSECTION OF COL EILEEN COLLINS BLVD AND CONSTELLATION WAY N.
 - 1.a.4. ALL ARRIVALS AND DEPARTURES TRAFFIC DIRECTED TO EXISTING ARRIVALS AND DEPARTURES CURB AND/OR AIR CARGO ROAD.
 - 1.b. PHASE 1-B - DEMOLITION
 - 1.b.1. REMOVE EXISTING PAVEMENT AND BASE TO NEW SUBGRADE ON OVERFLOW LOT.
 - 1.b.2. REMOVE EXISTING PAVEMENT AND BASE TO NEW SUBGRADE ON ROADWAY AROUND EXISTING OVERFLOW LOT.
 - 1.c. PHASE 1-C - NEW CONSTRUCTION
 - 1.c.1. CONSTRUCT NEW SANITARY, WATER AND ELECTRICAL UTILITIES. CONNECT NEWLY CONSTRUCTED UTILITIES TO THE EXISTING OR NEW SYSTEMS AS SHOWN IN CONTRACT PLANS.
 - 1.c.2. CONSTRUCT NEW DRAINAGE STRUCTURES AND PIPES.
 - 1.c.3. CONSTRUCT NEW ROADWAYS WITHIN PHASE LIMITS. CONSTRUCT NEW CURBS, AND SIDEWALKS WITHIN PHASE LIMITS.

PROJECT
SYRACUSE HANCOCK INTERNATIONAL AIRPORT

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PROJECT MANAGEMENT & PLANNING
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Foit Albert Associates
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ACCOUNTING
TYLin
32 Old Slip, 10th Fl.
New York, NY 10005

LIGHTING DESIGN
Currie & Brown
12 East 40th Street, 11th Fl.
New York, NY 10017

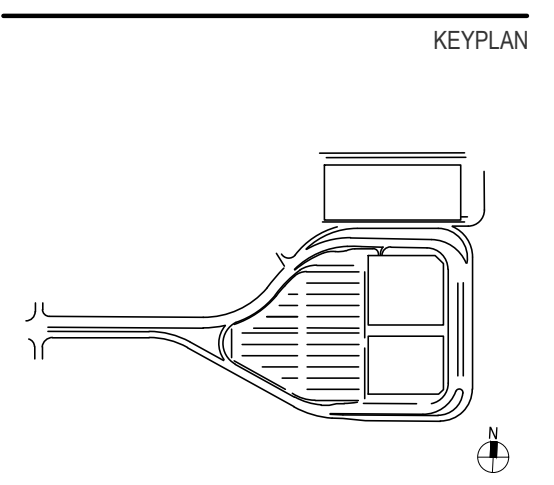
SIGNAGE
Cline Bettridge Bernstein
116 East 27th Street, 4th Fl.
New York, NY 10016

LANDSCAPE
Airspace
41 Flatbush Ave.
Brooklyn, NY 11217

MEFP
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MEFP
PDG
555 Penrose Drive
Perth Amoy, NJ 08862

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ISSUE CHART

Revised Number	Revision Date

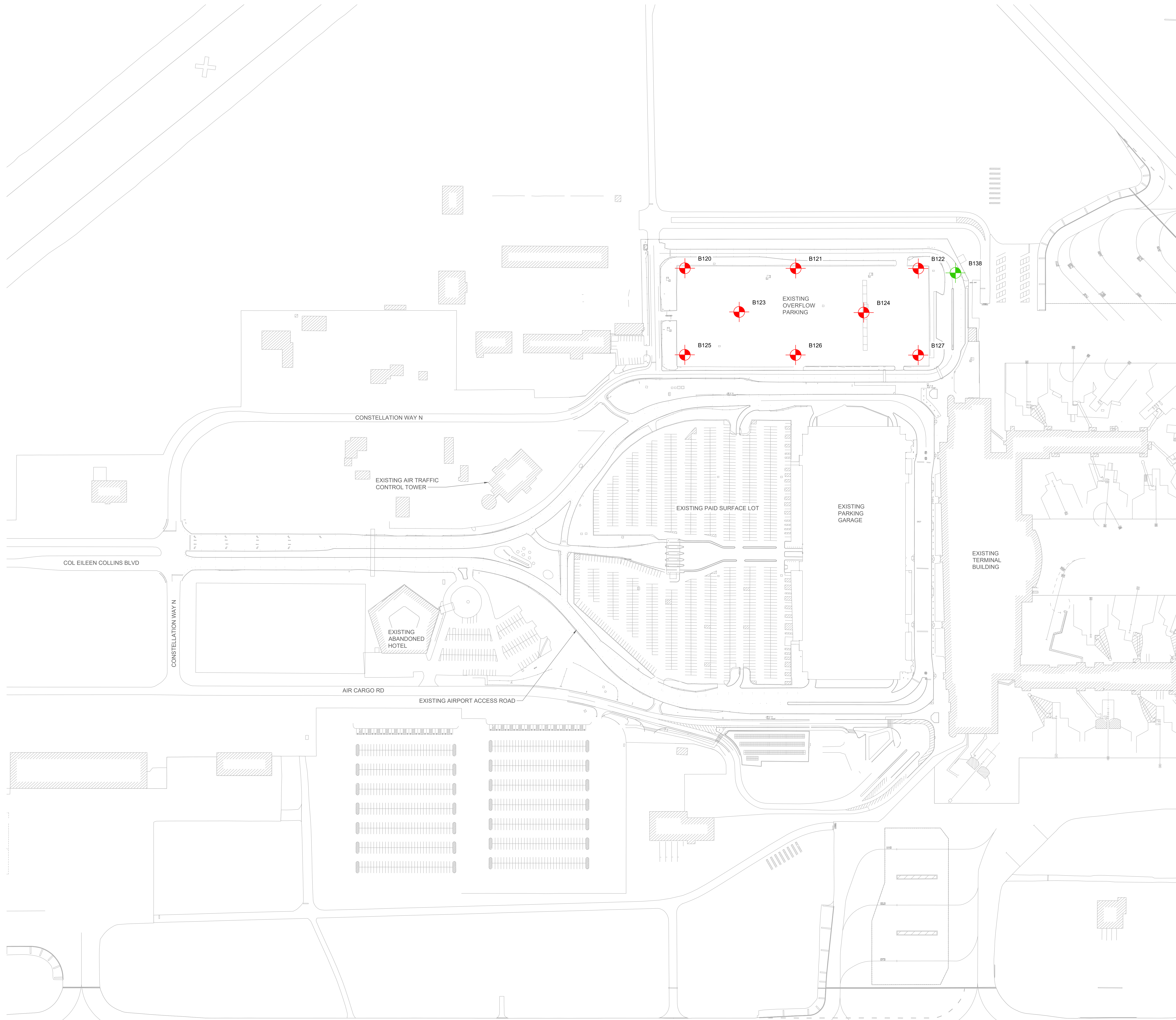
Scale: AS NOTED
Date: 07/28/23
Drawn By: ACP
Job Number: 220450.00



Project Manager: MLB
Checked By: MJB
TITLE

MAINTENANCE OF TRAFFIC - PHASE 1

SHEET NUMBER
C02-02

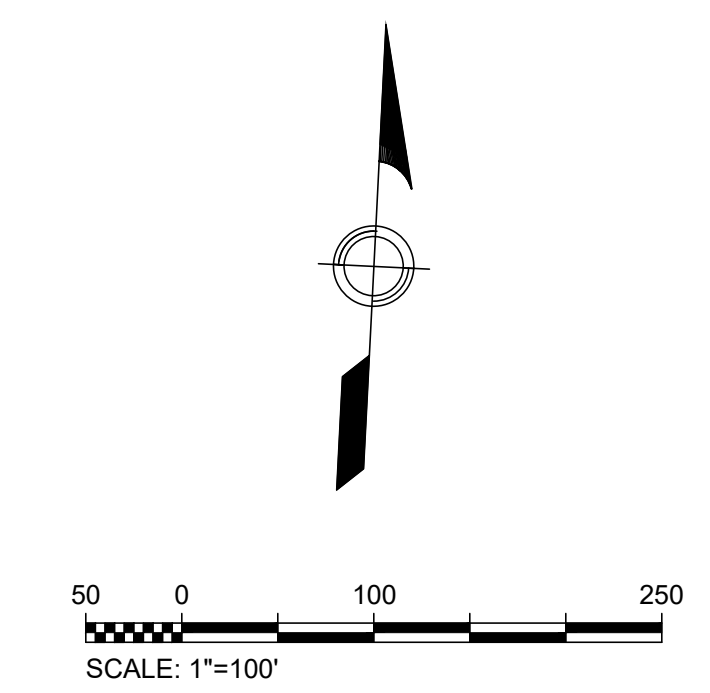
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- LEGEND:**
-  PROPOSED STRUCTURE SOIL BORING
 -  PROPOSED PAVEMENT CORE AND SOIL BORING

BORING LOCATIONS		
POINT #	NORTHING	EASTING
120	1135787.34	945212.00
121	1135804.15	945552.49
122	1135822.76	945929.28
123	1135661.40	945385.60
124	1135678.85	945768.27
125	1135521.15	945225.14
126	1135537.97	945565.63
127	1135556.57	945942.42
138	1135815.13	946044.21

- NOTE:**
- BORING LOCATIONS SHOWN ARE THE PROPOSED AND APPROXIMATE LOCATIONS. THESE BORINGS MAY HAVE BEEN MOVED IN THE FIELD AS NECESSARY.



PROJECT



Syracuse Regional Airport Authority
1000 Col Eileen Collins Blvd
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ACCOUNTING

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12 East 48th Street, 11th Fl.
New York, NY 10017

LIGHTING DESIGN

Cline Bettridge Bernstein
116 East 27th Street, 4th Fl.
New York, NY 10016

SIGNAGE

Airspace
41 Flatbush Ave.
Brooklyn, NY 11217

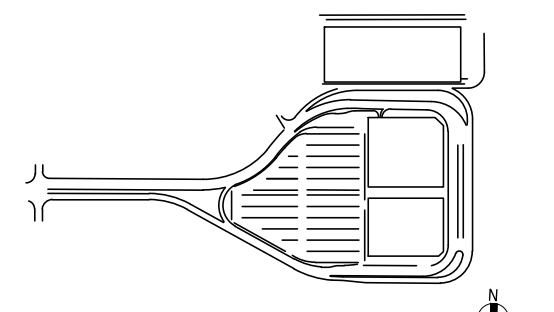
LANDSCAPE

EDR
211 Montgomery St., Suite 1100
Syracuse, NY 13202

MEFPF

PDG
655 Penrose Drive
Penfield, NY 14528

PRELIMINARY NOT-FOR CONSTRUCTION 07/28/23



KEYPLAN

ISSUE CHART	
Revised Number	Revision Date

Scale: AS NOTED	Project Manager: MLB
Date: 07/28/23	Checked By: MJB
Drawn By: ACD	Job Number: 220450.00
TITLE: BORING AND CORING PLAN	SHEET NUMBER: C03-01

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ABBREVIATIONS:

Table with 4 columns: Abbreviation, Description, Abbreviation, Description. Includes entries like AC (ADVISORY CIRCULAR), ADA (AMERICAN WITH DISABILITIES ACT), ATCT (AIR TRAFFIC CONTROL TOWER), etc.

GENERAL NOTES:

- 1. THE CONTRACTOR IS ADVISED THAT OTHER CONTRACTORS MAY BE WORKING ON THE AIRPORT, AND COOPERATION BETWEEN CONTRACTORS IS REQUIRED.
2. NO OPEN TOP DUMPSTER ARE ALLOWED IN THE PROJECT OR STAGING AREA. TRUCKS SHALL COVER THEIR LOAD FOR ALL MOVEMENTS ON THE AIRPORT.
3. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL LAWS AND REGULATIONS THAT ARE PERTINENT TO THIS WORK...

LEGEND:

Legend table with symbols and descriptions: PHASE 0 WORK AREA, PHASE 1 WORK AREA, EXISTING WATER MANHOLE, EXISTING DRAINAGE MANHOLE, EXISTING SANITARY SEWER MANHOLE, etc.

GENERAL UTILITY NOTES:

- 1. THE CONTRACTOR SHALL CALL UDIG NY (NY ONE CALL) TO LOCATE UTILITIES PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
2. EXISTING UTILITIES ARE SHOWN IN ACCORDANCE WITH THE BEST AVAILABLE INFORMATION. COMPLETENESS OR CORRECTNESS IS NOT GUARANTEED.
3. LOCATIONS AND SIZES OF ALL SURFACE FEATURES, UNDERGROUND UTILITIES AND STRUCTURES MAY BE APPROXIMATE AND WERE DETERMINED FROM BEST AVAILABLE INFORMATION...

PROJECT SYRACUSE HANCOCK INTERNATIONAL AIRPORT. Landside Design Study - ConRAC. Syracuse Regional Airport Authority. PROJECT MANAGEMENT & PLANNING.

Landrum & Brown. 110 William St., 20th Fl., New York, NY 10038. ARCHITECT.

Perkins & Will. 1250 Broadway, Suite 200, New York, NY 10001.

Foitt Albert Associates. 295 Main Street, Suite 200, Buffalo, New York 14203. STRUCTURAL, ROADWAY DESIGN.

TYLin. 32 Old Slip, 10th Fl., New York, NY 10005. ACCOUNTING.

Currie & Brown. 12 East 40th Street, 11th Fl., New York, NY 10017. LIGHTING DESIGN.

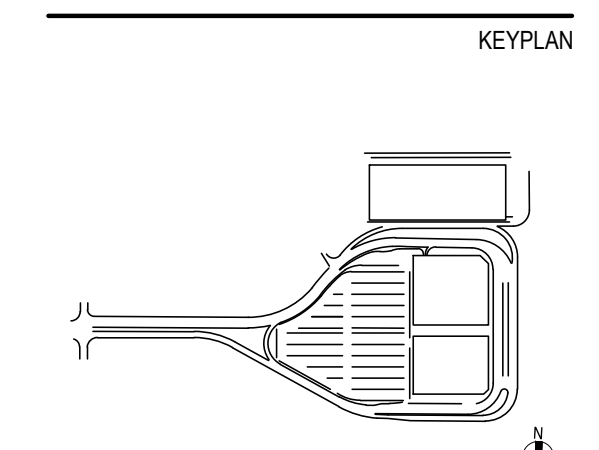
Cline Bettridge Bernstein. 116 East 27th Street, 4th Fl., New York, NY 10016. SIGNAGE.

Airspace. 41 Flatbush Ave., Brooklyn, NY 11217. LANDSCAPE.

EDR. 211 Montgomery St., Suite 1100, Syracuse, NY 13202. MEPPF.

PDG. 655 Pennekamp Drive, Penfield, NY 14526.

PRELIMINARY NOT-FOR CONSTRUCTION 07/28/23



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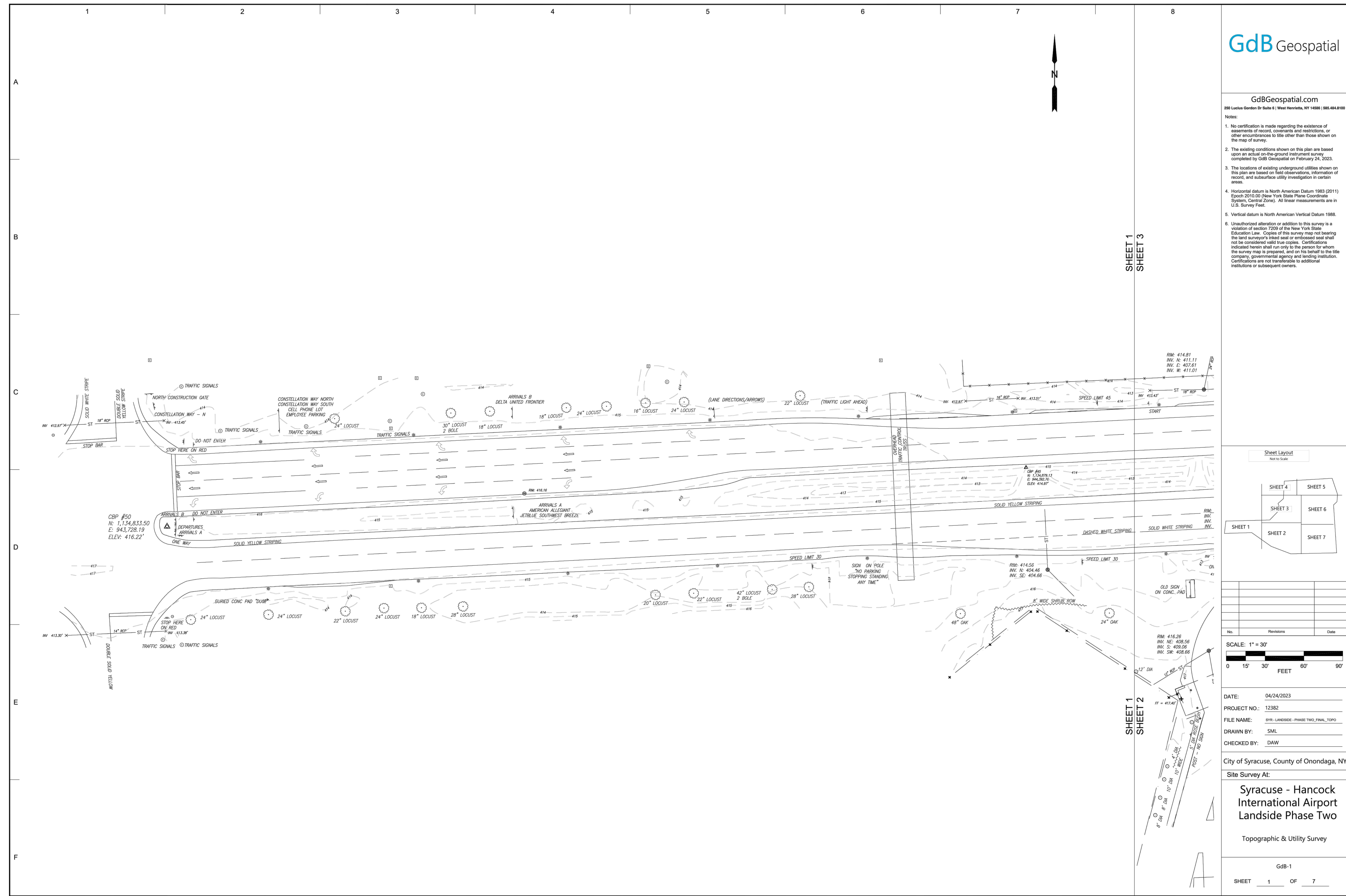
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CIVIL NOTES, LEGEND, AND ABBREVIATIONS

SHEET NUMBER

C04-01

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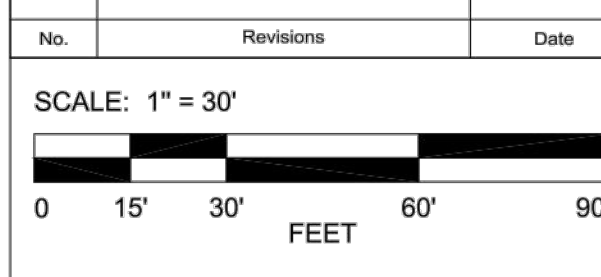
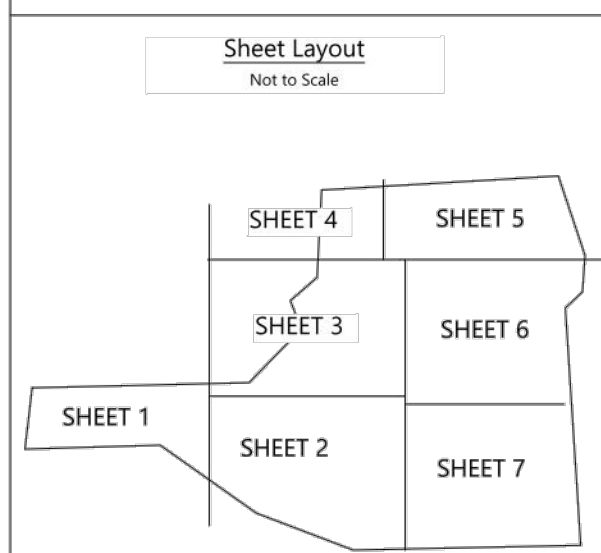
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FOR REFERENCE ONLY
AREA NOT IN SCOPE OF WORK

GdB Geospatial

GdBGeospatial.com
200 Larkin Gordon Dr Suite 5 | West Henrieville, NY 14588 | 866-684-8100

- Notes:
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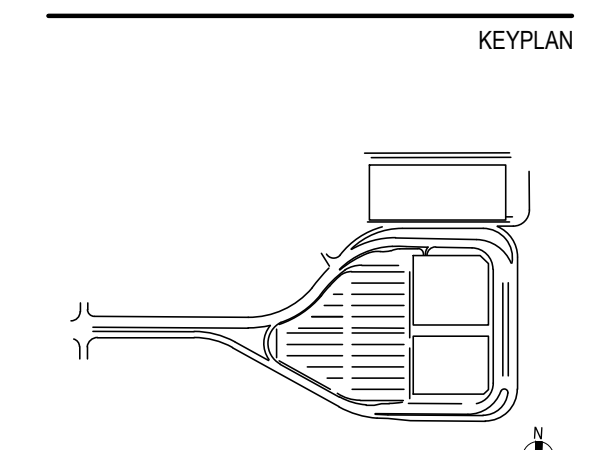
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PROJECT NO.: 12382
FILE NAME: 2023 LANDSIDE - PHASE TWO_FINAL_TOPO
DRAWN BY: SML
CHECKED BY: DAW

City of Syracuse, County of Onondaga, NY

Site Survey At:
Syracuse - Hancock International Airport Landside Phase Two
Topographic & Utility Survey

GdB-1
SHEET 1 OF 7

PRELIMINARY NOT-FOR CONSTRUCTION 07/28/23



ISSUE CHART

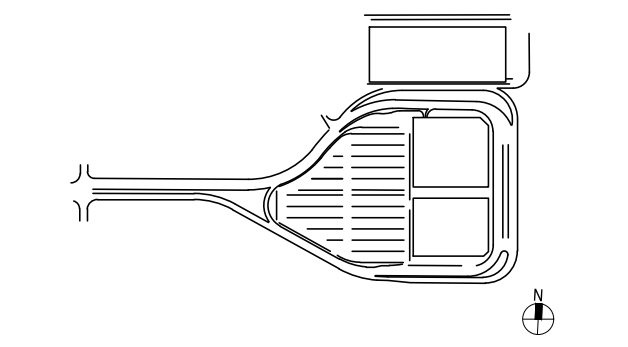
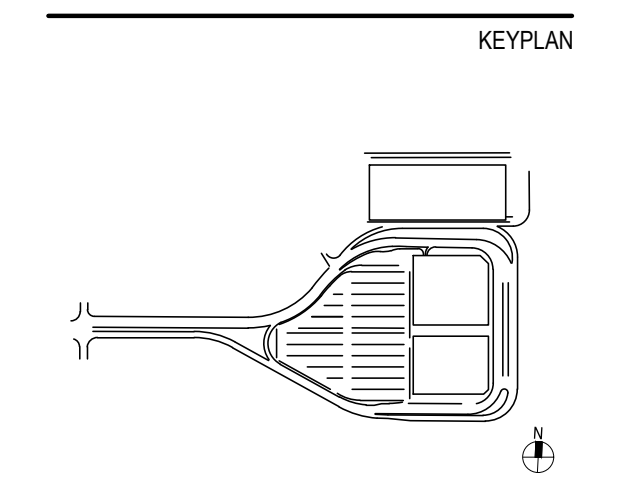
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Scale: AS NOTED
Date: 07/28/23
Drawn By: ACD
Job Number: 220450.00
Project Manager: MLB
Checked By: MJB
TITLE

SURVEY PLAN - SHEET 1

SHEET NUMBER
C05-01

PRELIMINARY NOT-FOR CONSTRUCTION 07/28/23



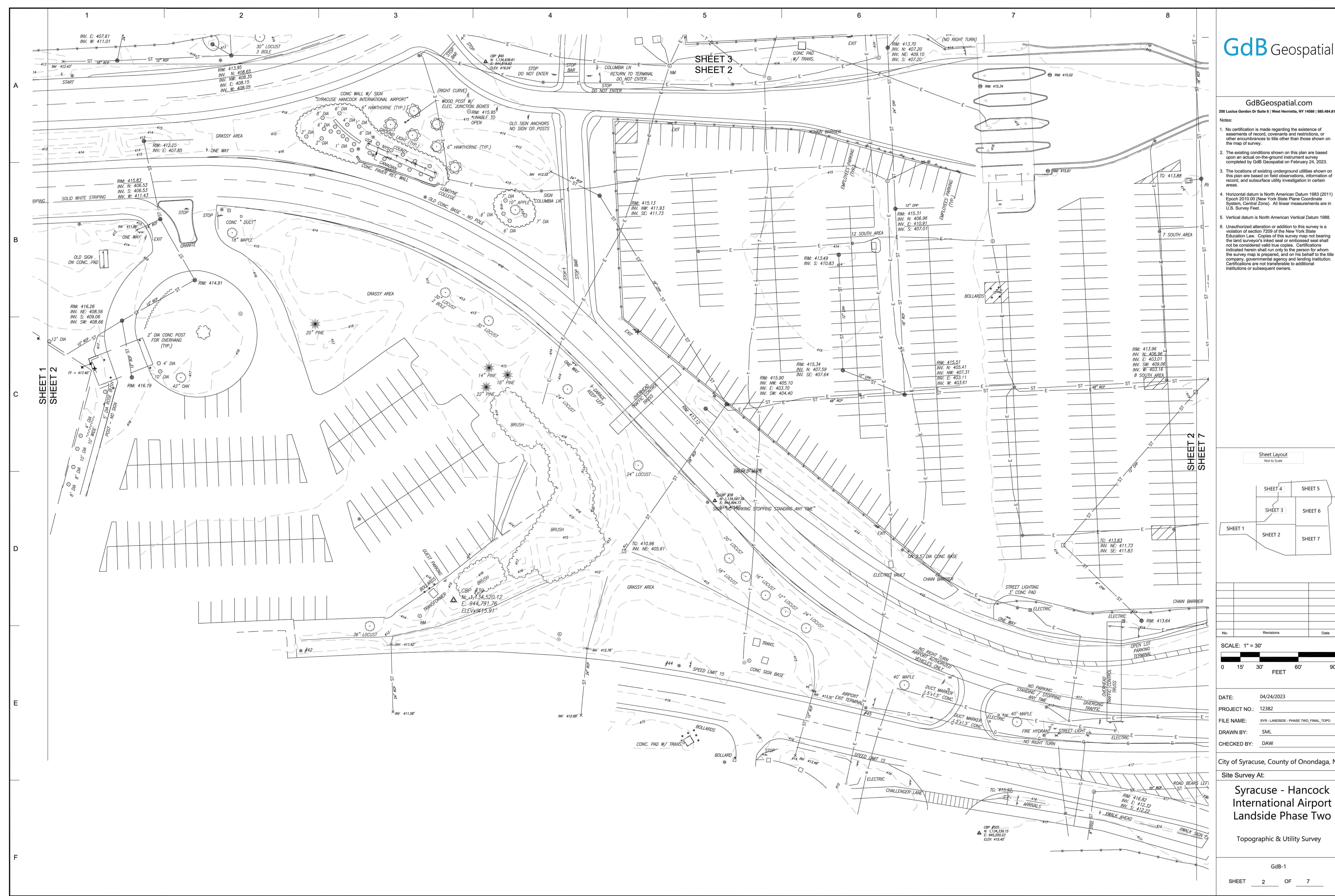
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Number	Revision	Date

Scale: AS NOTED	Project Manager:
Date: 07/28/23	MLB
Drawn By: ACD	Checked By: MJB
Job Number: 220450.00	TITLE

SURVEY PLAN - SHEET 2

SHEET NUMBER
C05-02



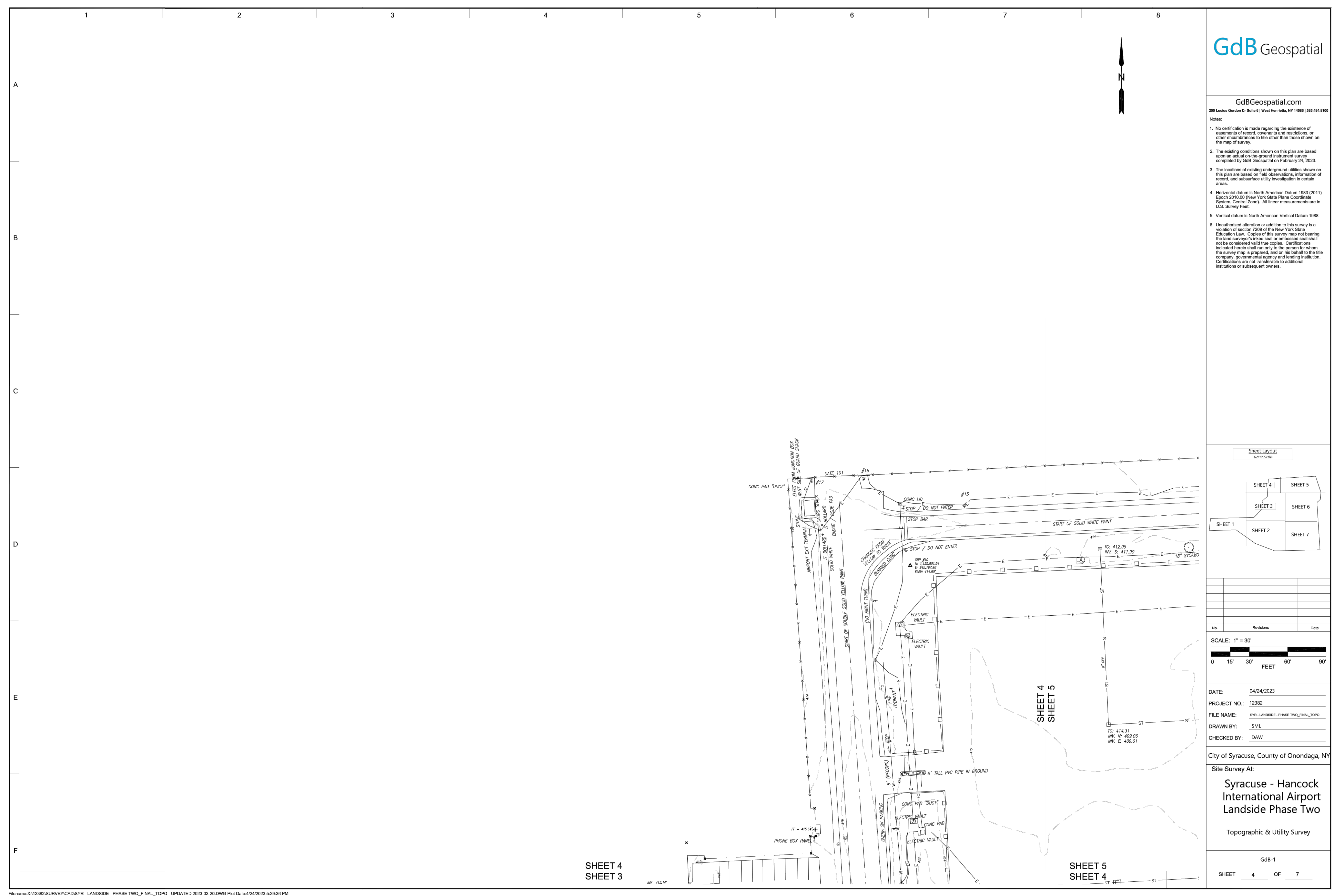
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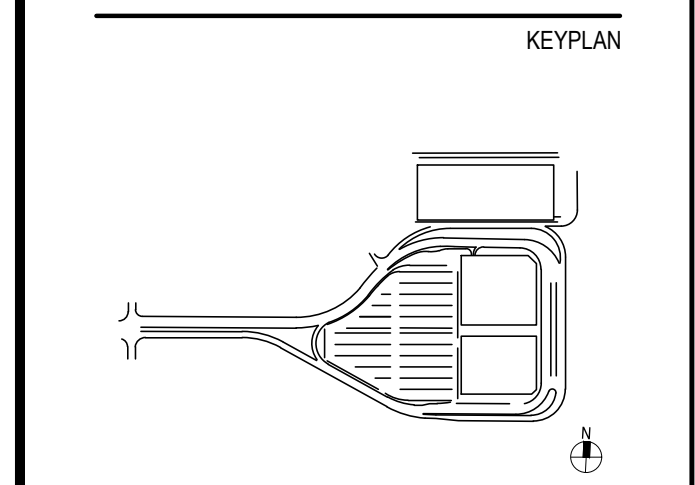
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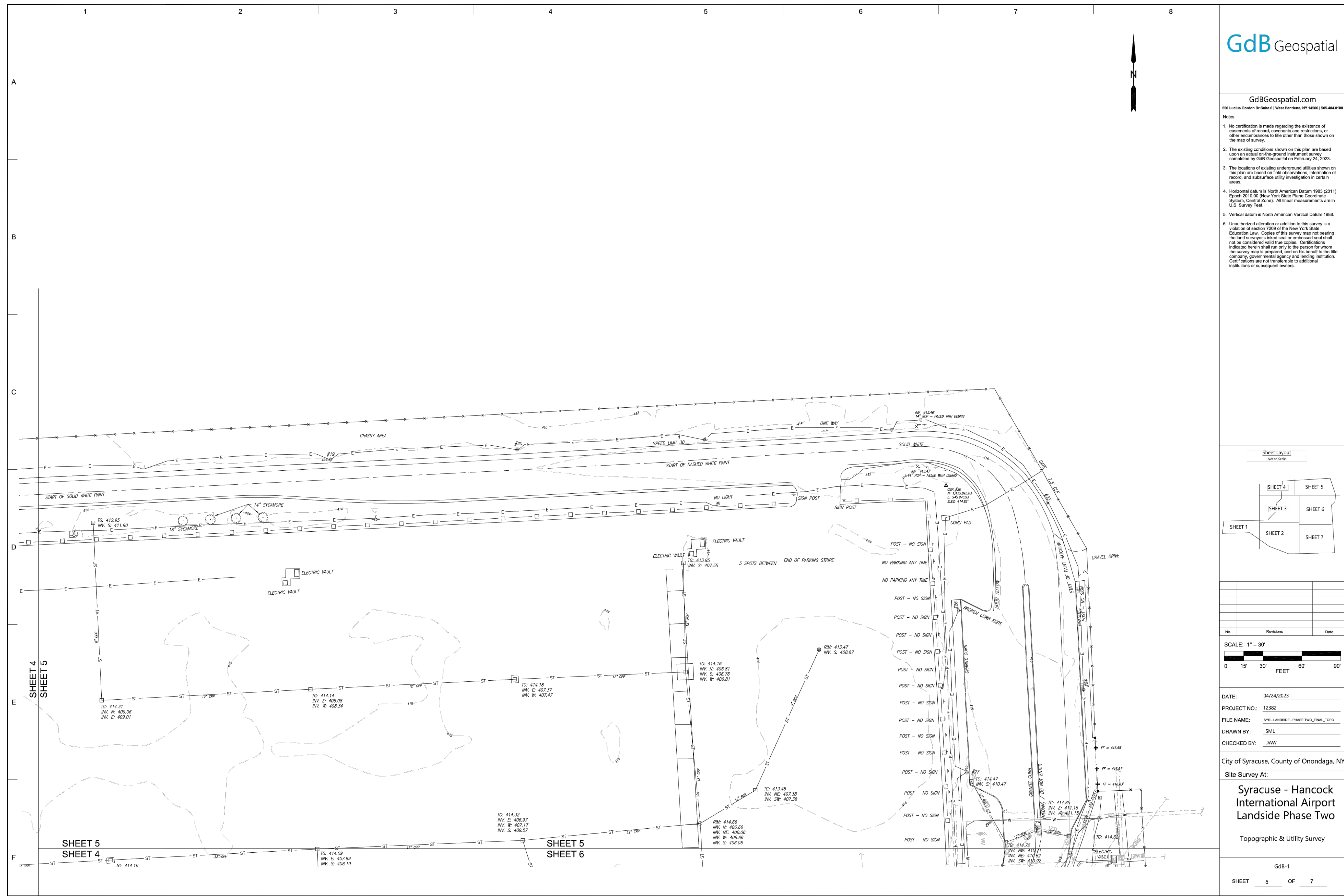


ISSUE CHART

Revision	Number	Revision Date

Scale: AS NOTED	Project Manager:
Date: 07/28/23	MLB
Drawn By: ACP	Checked By: MJB
Job Number: 220450.00	TITLE

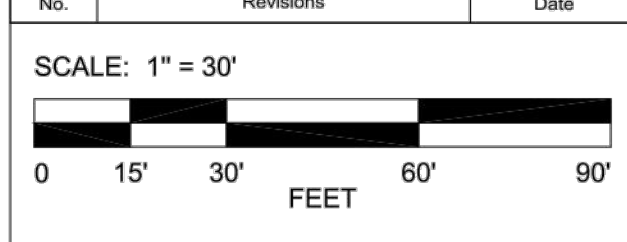
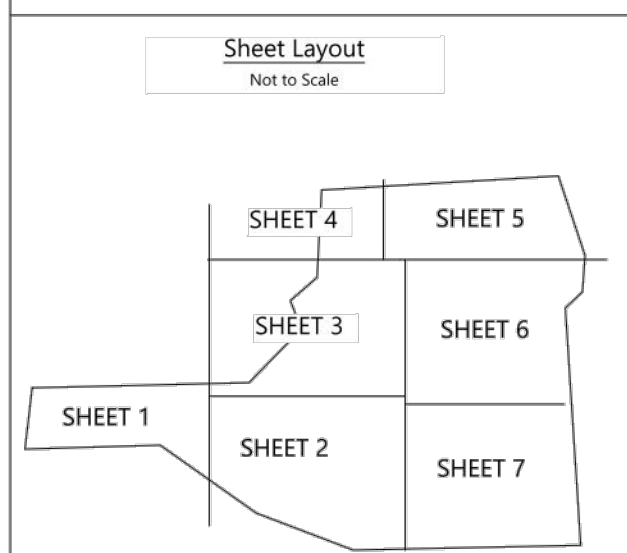
SURVEY PLAN - SHEET 4



Filename: X:\12382\SURVEY\CAD\BYR - LANDSIDE - PHASE TWO_FINAL_TOPO - UPDATED 2023-03-20.DWG Plot Date: 4/24/2023 5:30:22 PM

GdB Geospatial
 GdBGeospatial.com
 250 Lehigh Garden Dr Suite 2 | West Henrietta, NY 14586 | 585.484.8100

- Notes:
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DATE: 04/24/2023
 PROJECT NO.: 12382
 FILE NAME: SITE LANDSIDE - PHASE TWO_FINAL_TOPO
 DRAWN BY: SML
 CHECKED BY: DAW

City of Syracuse, County of Onondaga, NY
 Site Survey At:
Syracuse - Hancock International Airport Landside Phase Two
 Topographic & Utility Survey

GdB-1
 SHEET 5 OF 7

PROJECT

SYRACUSE HANCOCK INTERNATIONAL AIRPORT

Landside Design Study - ConRAC
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212

Syracuse Regional Airport Authority
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212

PROJECT MANAGEMENT & PLANNING

Landrum & Brown
 110 William St., 20th Fl.
 New York, NY 10038

ARCHITECT

Perkins & Will
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 New York, NY 10001

Foxt Albert Associates
 295 Main Street, Suite 200
 Buffalo, New York 14203

STRUCTURAL, ROADWAY DESIGN

TYLin
 32 Old Slip, 10th Fl.
 New York, NY 10005

ACCOUNTING

Currie & Brown
 12 East 48th Street, 11th Fl.
 New York, NY 10017

LIGHTING DESIGN

Cline Bettridge Bernstein
 116 East 27th Street, 4th Fl.
 New York, NY 10016

SIGNAGE

Airspace
 41 Flatbush Ave.
 Brooklyn, NY 11217

LANDSCAPE

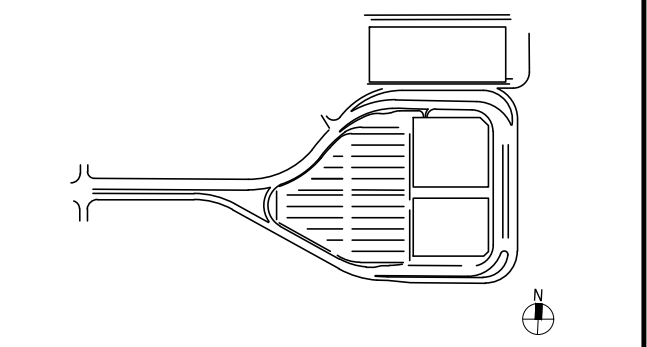
EDR
 217 Montgomery St., Suite 1100
 Syracuse, NY 13202

MEPPP

PDG
 555 Penrose Drive
 Penfield, NY 14528

PRELIMINARY NOT-FOR CONSTRUCTION 07/28/23

KEYPLAN



ISSUE CHART

Revised Number	Revision Date

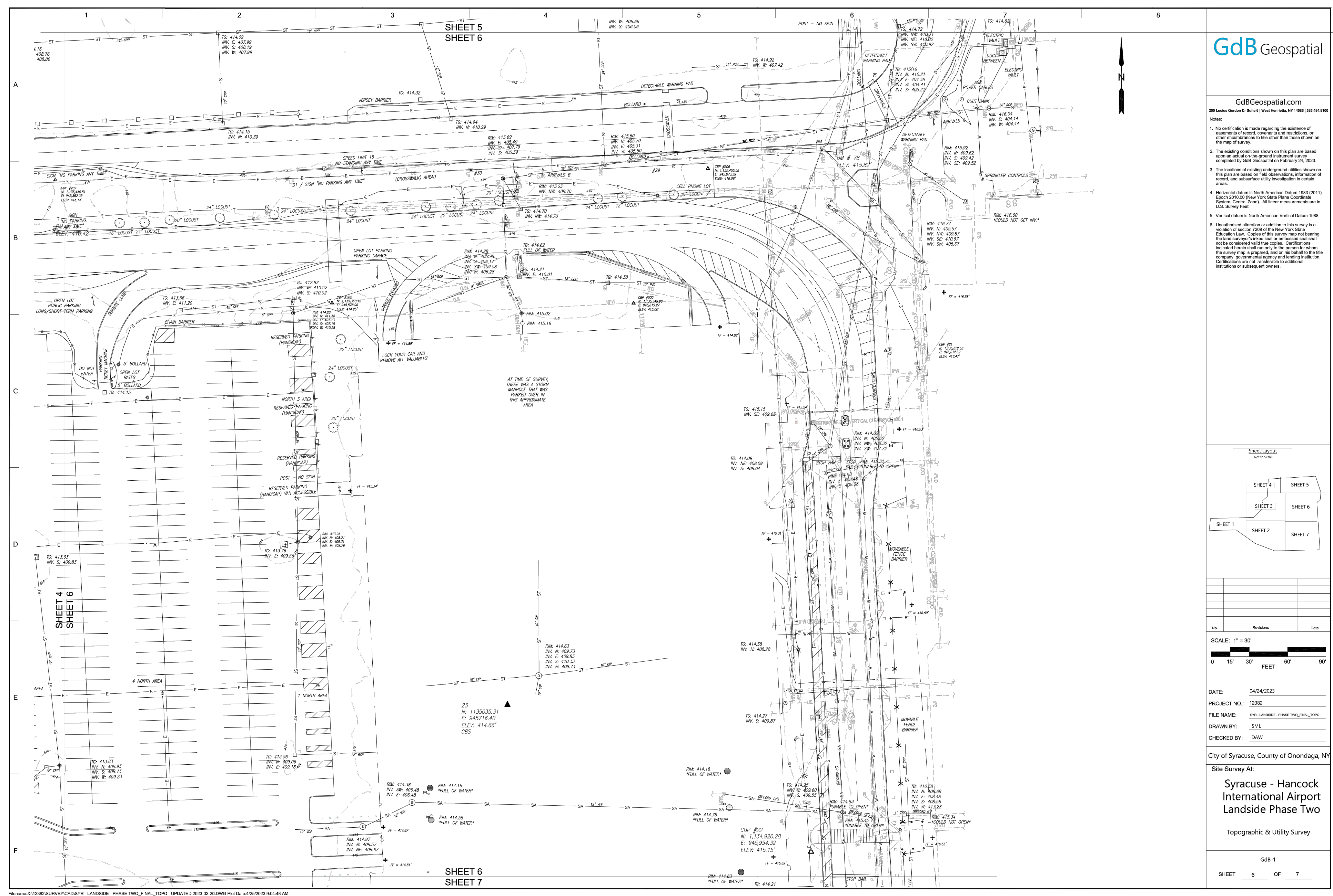
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07/28/23	MLB
Drawn By: ACD	Checked By: MJB
Job Number: 220450.00	TITLE

SURVEY PLAN - SHEET 5

SHEET NUMBER
C05-05

PRELIMINARY NOT-FOR CONSTRUCTION 07/28/23

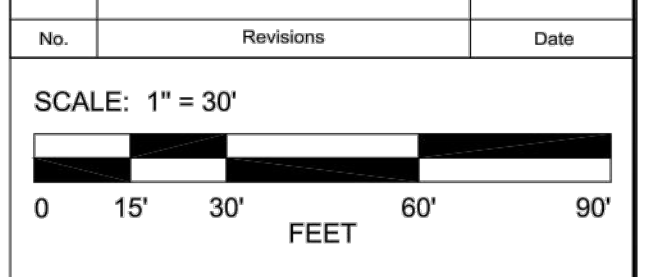
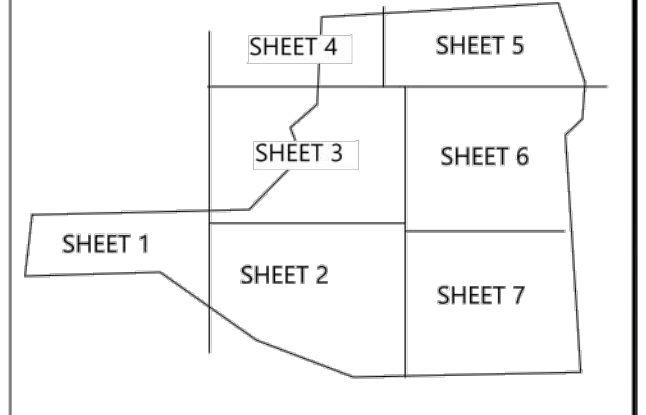


GdB Geospatial

GdBGeospatial.com
 280 Locus Gordon Dr Suite 1 West Henrietta, NY 14586 (585) 684-8100

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Sheet Layout



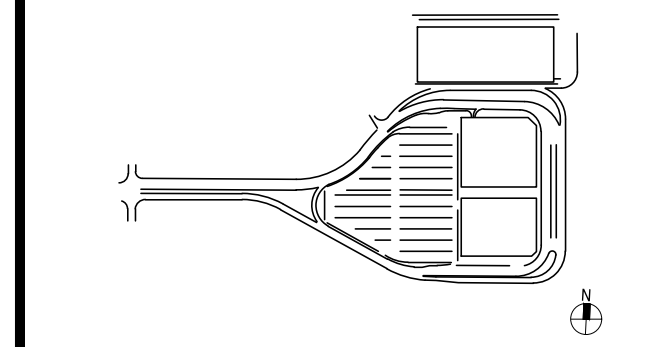
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 PROJECT NO.: 12382
 FILE NAME: 2023_LANDSIDE_PHASE TWO_FINAL_T0PO
 DRAWN BY: SML
 CHECKED BY: DAW

City of Syracuse, County of Onondaga, NY

Site Survey At:
**Syracuse - Hancock
 International Airport
 Landside Phase Two**
 Topographic & Utility Survey

GdB-1
 SHEET 6 OF 7

KEYPLAN



ISSUE CHART

Revised	Revision Date

Scale: AS NOTED
 Date: 07/28/23
 Drawn By: ACID
 Job Number: 220450.00
 Project Manager: MLB
 Checked By: MJB
 TITLE

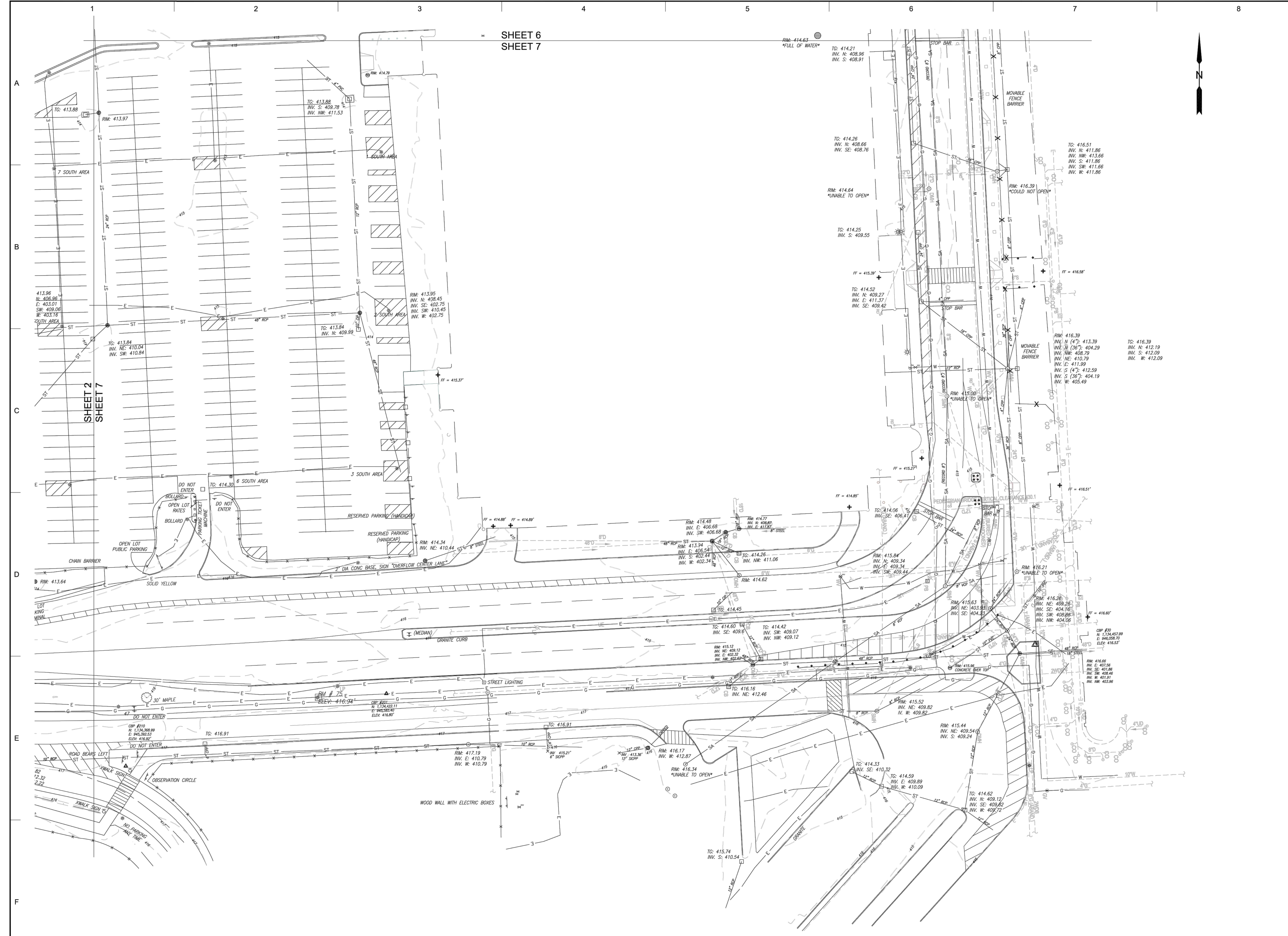
SURVEY PLAN - SHEET 6

SHEET NUMBER
C05-06

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Sheet Layout
Not to Scale

No. Revision Date

SCALE: 1" = 30'
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FEET

DATE: 04/24/2023
PROJECT NO.: 12382
FILE NAME: 2023_LANDSIDE_PHASE_TWO_FINAL_T203
DRAWN BY: SML
CHECKED BY: DAW

City of Syracuse, County of Onondaga, NY

Site Survey At:
Syracuse - Hancock International Airport Landside Phase Two

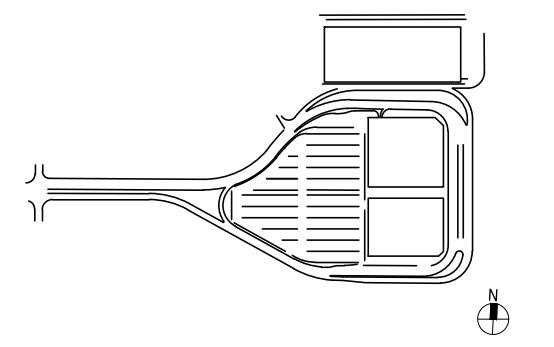
Topographic & Utility Survey

GdB-1
SHEET 7 OF 7

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ISSUE CHART

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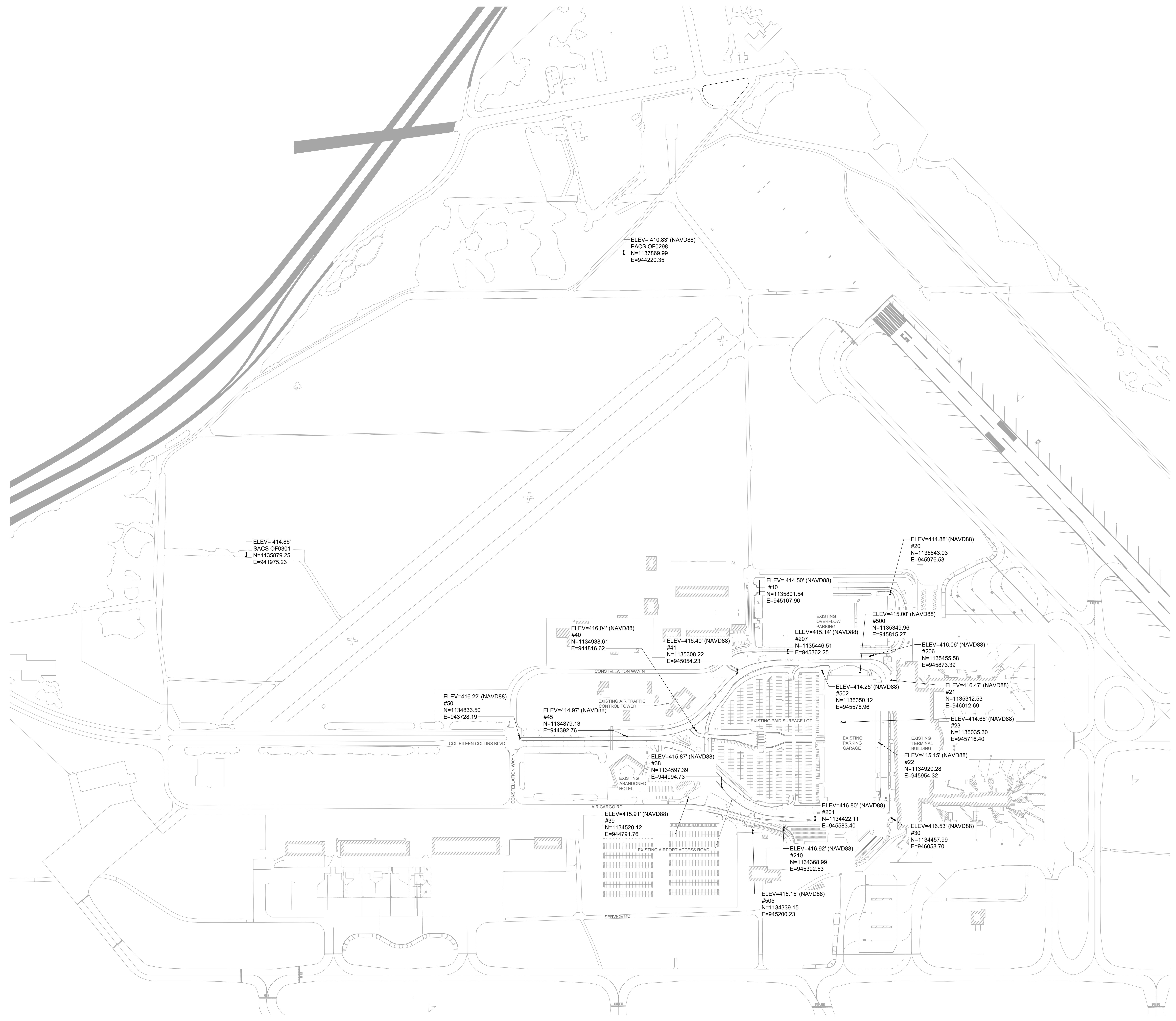
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Date: 07/28/23	MLB
Drawn By: ACD	Checked By: MJB
Job Number: 220450.00	TITLE

SURVEY PLAN - SHEET 7

SHEET NUMBER

C05-07

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- NOTES:**
- EXISTING INFORMATION HAS BEEN OBTAINED FROM TOPOGRAPHIC SURVEY AND EXISTING FEATURES PREPARED BY GFI GEOSPATIAL, INC.
 - CONTROL POINTS SHOWN ARE BASED UPON NAD 1983, ADJUSTMENT 2011 AND NAVD 1988 DATUM
 - THE CONTRACTOR SHALL VERIFY ALL CONTROL POINTS TO BE USED FOR CONSTRUCTION PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITY.

PROJECT

Landside Design Study - ConRAC
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212
Syracuse Regional Airport Authority
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212

PROJECT MANAGEMENT & PLANNING

Landrum & Brown
 110 William St., 20th Fl.
 New York, NY 10038

ARCHITECT

Perkins & Will
 1250 Broadway, Suite 200
 New York, NY 10001

Foit Albert Associates
 295 Main Street, Suite 200
 Buffalo, New York 14203

STRUCTURAL, ROADWAY DESIGN

TYLin
 32 Old Slip, 10th Fl.
 New York, NY 10005

ACCOUNTING

Currie & Brown
 12 East 40th Street, 11th Fl.
 New York, NY 10017

LIGHTING DESIGN

Cline Bettridge Bernstein
 116 East 27th Street, 4th Fl.
 New York, NY 10016

SIGNAGE

Airspace
 41 Flatbush Ave.
 Brooklyn, NY 11217

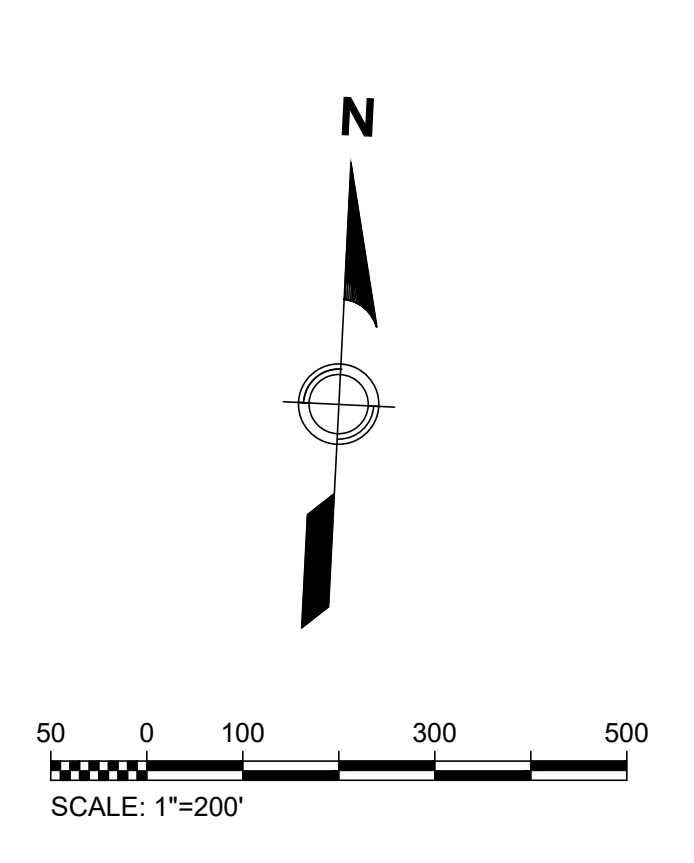
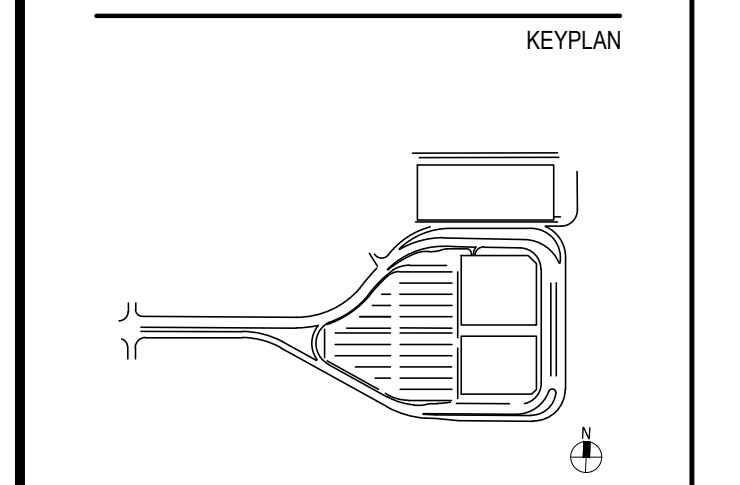
LANDSCAPE

EDR
 217 Montgomery St., Suite 1100
 Syracuse, NY 13202

MEFP

PDG
 555 Pennekamp Drive
 Penfield, NY 14528

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ISSUE CHART

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 Job Number: 220450.00

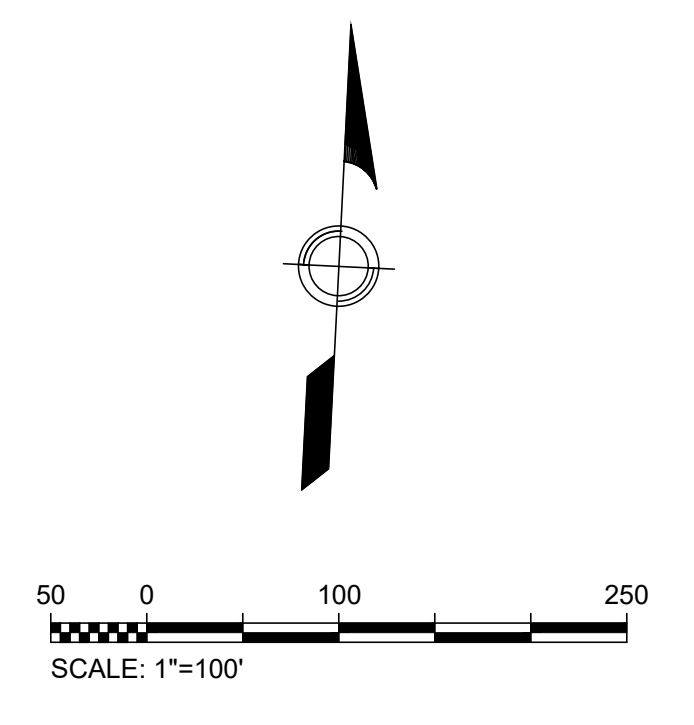
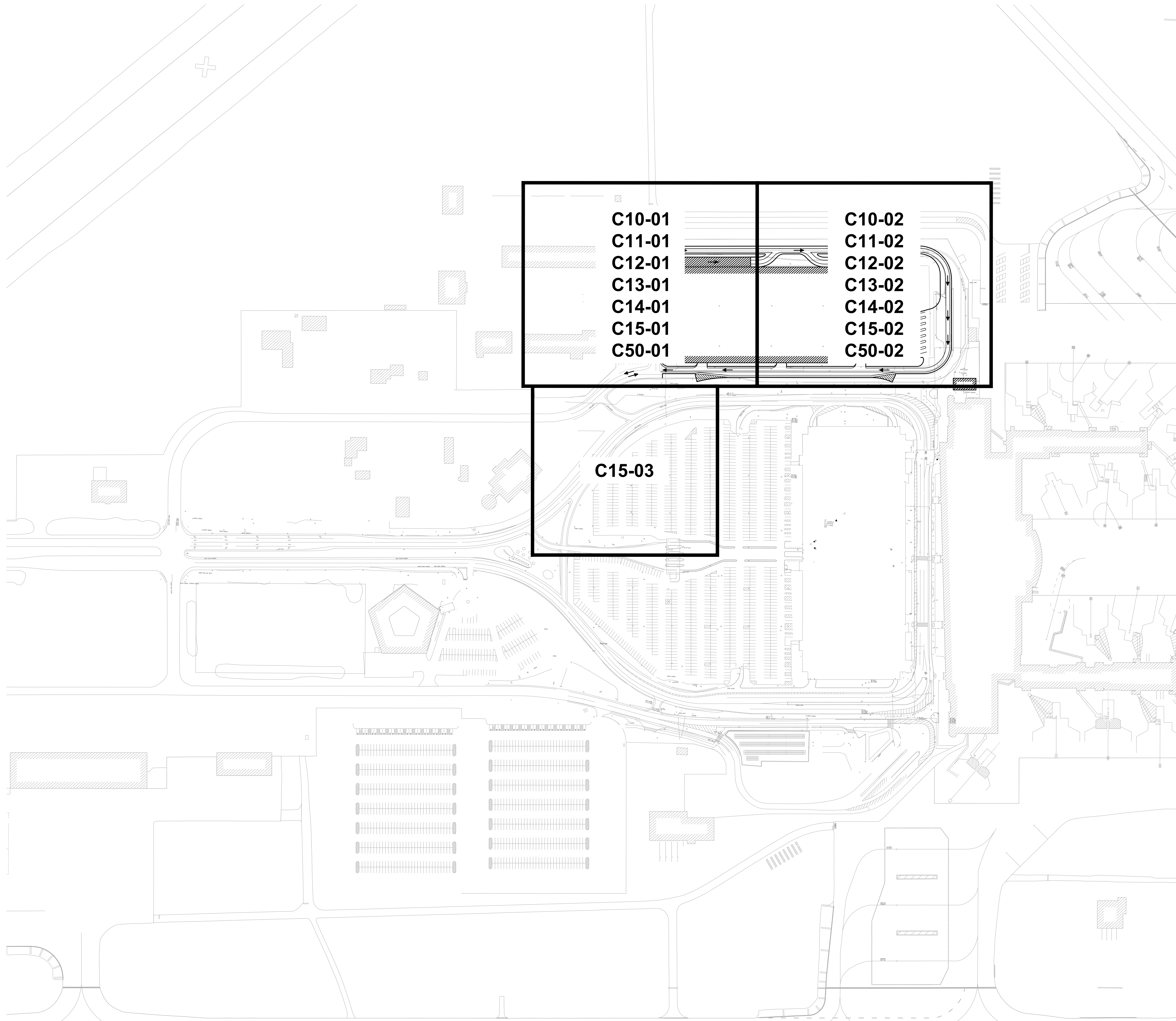
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 Checked By: MJB
 TITLE

SURVEY CONTROL PLAN

SHEET NUMBER

C06-01

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PROJECT

Syracuse Regional Airport Authority
1000 Col Eileen Collins Blvd
Syracuse, New York 13212

PROJECT MANAGEMENT & PLANNING

Landrum & Brown
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New York, NY 10038

ARCHITECT

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New York, NY 10001

STRUCTURAL, ROADWAY DESIGN

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Buffalo, New York 14203

ACCOUNTING

TYLin
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New York, NY 10005

LIGHTING DESIGN

Currie & Brown
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New York, NY 10017

SIGNAGE

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116 East 27th Street, 4th Fl.
New York, NY 10016

LANDSCAPE

Airspace
41 Flatbush Ave.
Brooklyn, NY 11217

MEFP

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217 Montgomery St., Suite 1100
Syracuse, NY 13202

PDG
555 Pennington Drive
Perth Amboy, NJ 08861

PRELIMINARY NOT-FOR CONSTRUCTION 07/28/23

KEYPLAN

ISSUE CHART

Revised Number	Revision Date

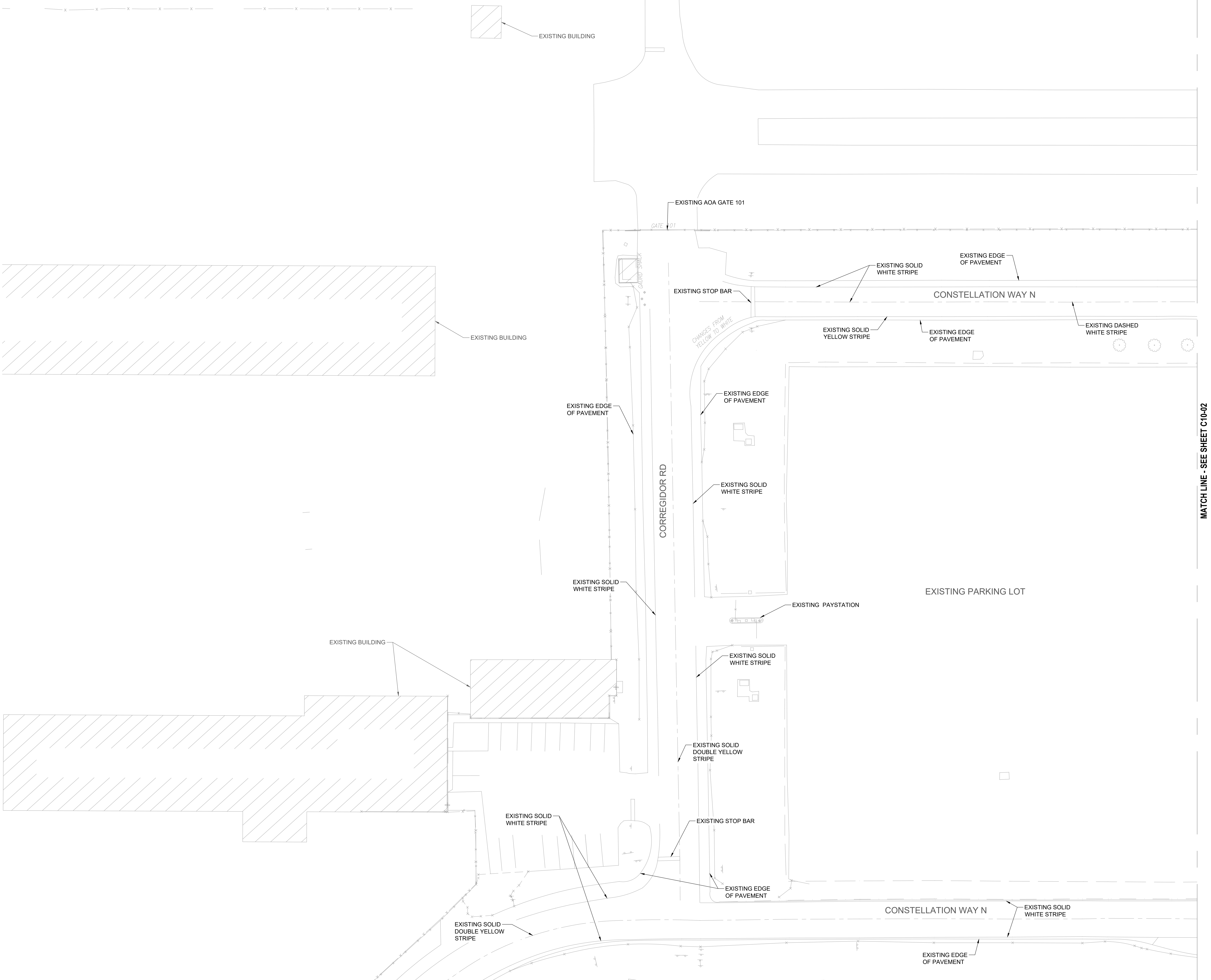
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Date: 07/28/23
Drawn By: ACD
Job Number: 220450.00

Project Manager: MLB
Checked By: MJB
TITLE

CIVIL KEY PLAN

SHEET NUMBER

C07-01



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 - CONTRACTOR SHALL TAKE NECESSARY MEASURES TO PROTECT IN PLACE ALL EXISTING STRUCTURES, DRAINAGE FACILITIES, UTILITY LINES, AND ASSOCIATED APPURTENANCES WITHIN THE PROJECT LIMITS THAT WILL NOT BE MODIFIED.

PROJECT

Syracuse Regional Airport Authority
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212

PROJECT MANAGEMENT & PLANNING

Landrum & Brown
 110 William St., 28th Fl.
 New York, NY 10038

ARCHITECT

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 1250 Broadway, Suite 200
 New York, NY 10001

STRUCTURAL, ROADWAY DESIGN

Foit Albert Associates
 295 Main Street, Suite 200
 Buffalo, New York 14203

ACCOUNTING

TYLin
 32 Old Slip, 10th Fl.
 New York, NY 10005

LIGHTING DESIGN

Currie & Brown
 12 East 49th Street, 11th Fl
 New York, NY 10017

SIGNAGE

Cline Bettridge Bernstein
 116 East 27th Street, 4th Fl
 New York, NY 10016

LANDSCAPE

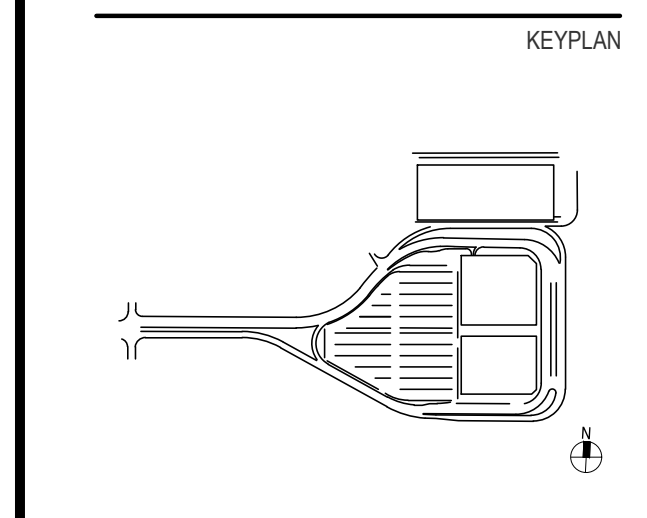
Airspace
 41 Flatbush Ave.
 Brooklyn, NY 11217

MEPP

EDR
 217 Montgomery St., Suite 1100
 Syracuse, NY 13202

PDG
 555 Penrose Drive
 Penfield, NY 14526

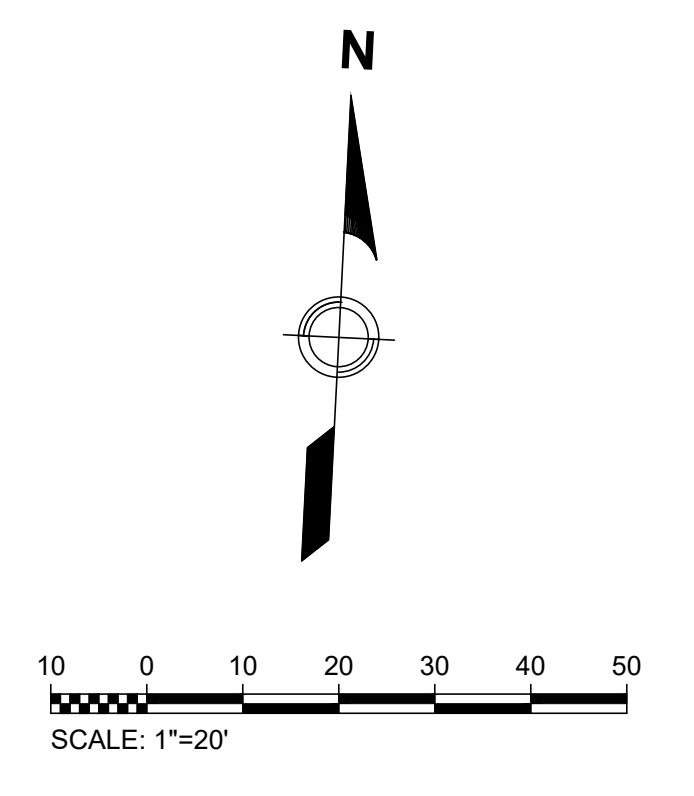
PRELIMINARY NOT-FOR CONSTRUCTION 07/28/23



ISSUE CHART

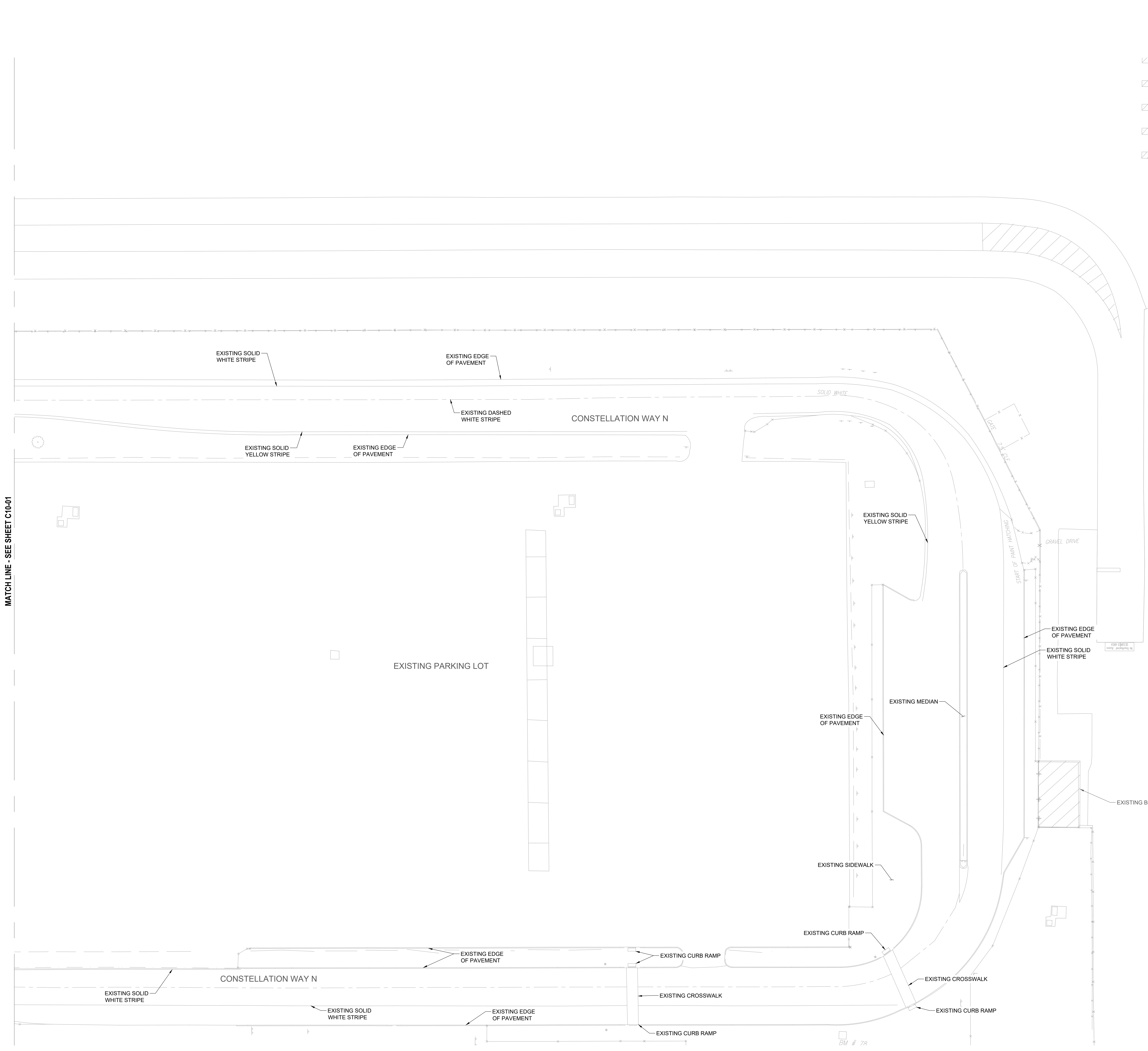
Revised Number	Revision Date

Scale: AS NOTED
 Date: 07/28/23
 Drawn By: ACD
 Project Manager: MLB
 Checked By: MJB
 Job Number: 220450.00
 TITLE



EXISTING CONDITIONS PLAN - SHEET 1
 SHEET NUMBER

C10-01



MATCH LINE - SEE SHEET C10-01

NOTES:

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PROJECT

Design Study - ConRAC
1000 Col Eileen Collins Blvd
Syracuse, New York 13212

Syracuse Regional Airport Authority
1000 Col Eileen Collins Blvd
Syracuse, New York 13212

PROJECT MANAGEMENT & PLANNING

Landrums & Brown
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New York, NY 10005

ACCOUNTING

Currie & Brown
12 East 40th Street, 11th Fl.
New York, NY 10017

LIGHTING DESIGN

Cline Bettridge Bernstein
116 East 27th Street, 4th Fl.
New York, NY 10016

SIGNAGE

Airspace
41 Flatbush Ave.
Brooklyn, NY 11217

LANDSCAPE

EDR
217 Montgomery St., Suite 1100
Syracuse, NY 13202

MEPPP

PDG
555 Pennington Drive
Perth Amboy, NJ 08861

PRELIMINARY NOT-FOR CONSTRUCTION 07/28/23

KEYPLAN

ISSUE CHART

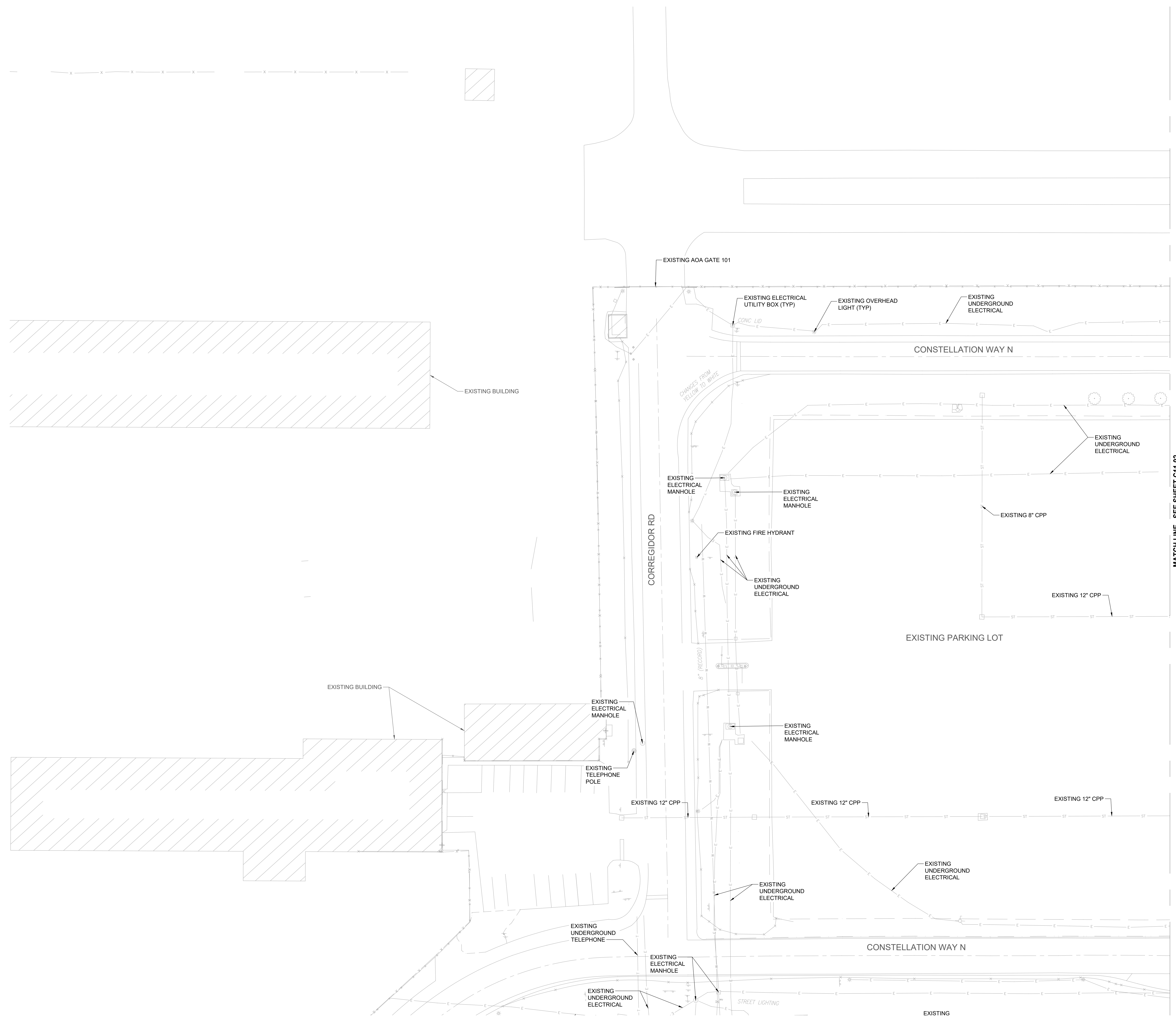
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Scale: AS NOTED	Project Manager:
Date: 07/28/23	MLB
Drawn By: ACD	Checked By: MJB
Job Number: 220450.00	TITLE:

EXISTING CONDITIONS PLAN - SHEET 2

SHEET NUMBER

C10-02



NOTES:

- LOCATIONS AND SIZES OF ALL EXISTING FEATURES WERE DETERMINED FROM BEST AVAILABLE INFORMATION INCLUDING FIELD SURVEY, AS-BUILT DRAWINGS, AND CONSTRUCTION DOCUMENTS. CONTRACTOR SHALL FIELD VERIFY ALL FEATURES IN AN AREA OF WORK BEFORE BEGINNING DEMOLITION OR CONSTRUCTION OPERATIONS. CONTRACTOR SHALL SUBMIT ANY DISCREPANCIES IMMEDIATELY TO THE RPR.
- CONTRACTOR SHALL TAKE NECESSARY MEASURES TO PROTECT IN PLACE ALL EXISTING STRUCTURES, DRAINAGE FACILITIES, UTILITY LINES, AND ASSOCIATED APPURTENANCES WITHIN THE PROJECT LIMITS THAT WILL NOT BE MODIFIED.

PROJECT

Landside Design Study - ConRAC
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212
Syracuse Regional Airport Authority
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212

PROJECT MANAGEMENT & PLANNING

Landrum & Brown
 110 William St., 20th Fl.
 New York, NY 10038

ARCHITECT

Perkins & Will
 1250 Broadway, Suite 200
 New York, NY 10001

Foit Albert Associates
 295 Main Street, Suite 200
 Buffalo, New York 14203

STRUCTURAL, ROADWAY DESIGN

TYLin
 32 Old Slip, 10th Fl.
 New York, NY 10005

ACCOUNTING

Currie & Brown
 12 East 49th Street, 11th Fl.
 New York, NY 10017

LIGHTING DESIGN

Cline Bettridge Bernstein
 116 East 27th Street, 4th Fl.
 New York, NY 10016

SIGNAGE

Airspace
 41 Flatbush Ave.
 Brooklyn, NY 11217

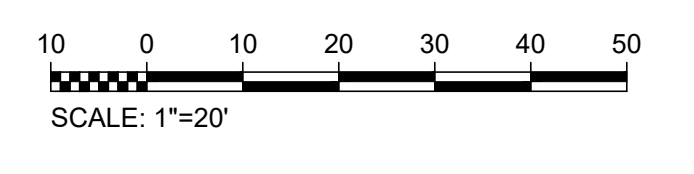
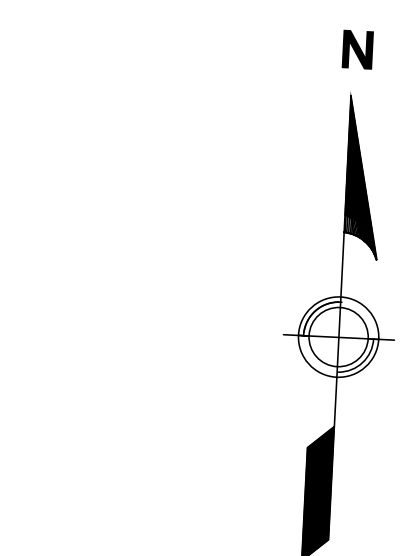
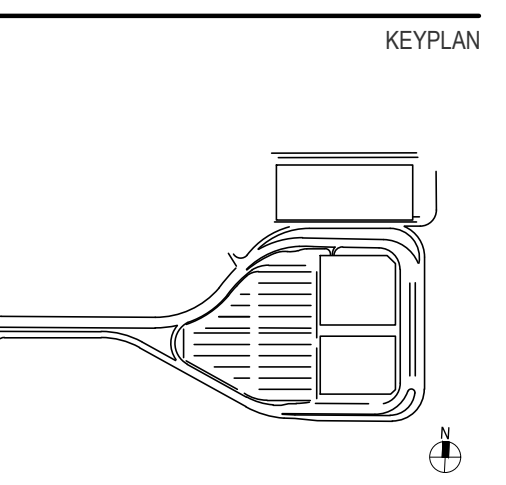
LANDSCAPE

EDR
 217 Montgomery St., Suite 1100
 Syracuse, NY 13202

MEPP

PDG
 555 Penobscot Drive
 Penfield, NY 14526

PRELIMINARY NOT-FOR CONSTRUCTION 07/28/23



ISSUE CHART

Revised Number	Revision Date

Scale: AS NOTED

Date	Project Manager
07/28/23	MLB
Drawn By: ACD	Checked By: MJB
Job Number: 220450.00	TITLE

EXISTING GROUND UTILITIES PLAN - SHEET 1

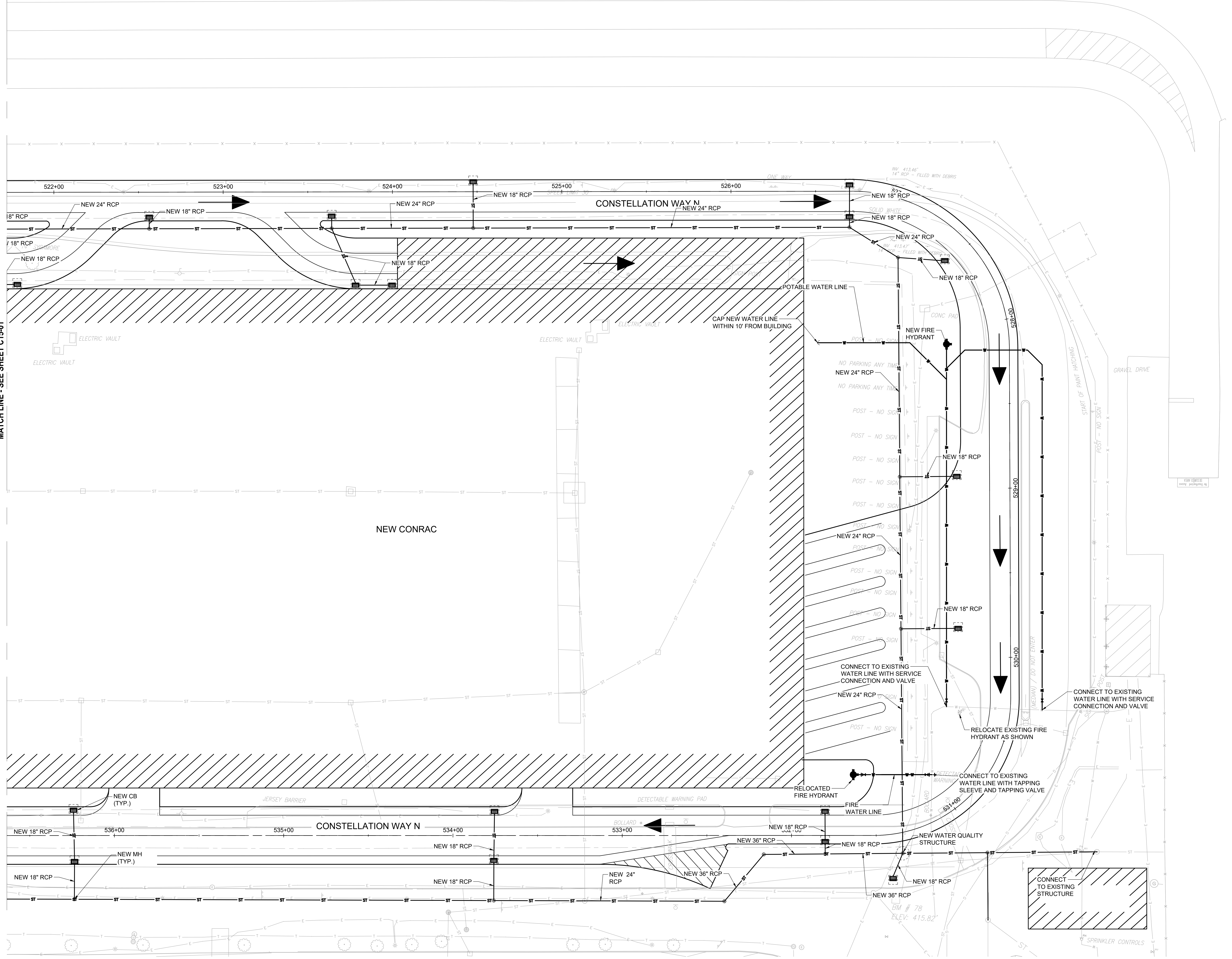
C11-01

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Drawing created by: fora

7/27/2023 2:27:19 PM

MATCH LINE - SEE SHEET C15-01



- NOTES:**
1. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF PIPES AND STRUCTURES. ALL EXISTING APURTENANCES WHICH INTERFERE WITH THE INSTALLATION OF NEW UTILITY PIPES AND STRUCTURES SHALL BE REPORTED TO THE RPR IMMEDIATELY FOR DIRECTION.
 2. PROPOSED DOWNSPOUT AND DRAINAGE CONNECTION LOCATIONS TO BE DETERMINED DURING FINAL DESIGN BY THE DESIGNER OF THE PROPOSED PARKING GARAGE.
 3. ALL ACCESS PORTS/GRADES/COVERS FOR STORM DRAINAGE STRUCTURES SHALL BE SET/ADJUSTED FLUSH WITH THE PAVEMENT OR GRADE, AS REQUIRED.
 4. THE CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST STANDARDS OF OSHA DIRECTIVES AND ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, SHORING, BENCHING, AND OTHER MEANS OF PROTECTION AS APPROPRIATE FOR THE PREVAILING CONDITIONS. THIS INCLUDES, BUT IS NOT LIMITED TO, ACCESS AND EGRESS FROM ALL EXCAVATIONS AND TRENCHES.
 5. SHOULD DEWATERING BE REQUIRED FOR THE INSTALLATION OF ANY FACILITIES DEPICTED HEREON, THE CONTRACTOR IS RESPONSIBLE TO OBTAIN ANY/all PERMITS FROM THE APPROPRIATE JURISDICTIONAL AGENCY.
 6. AT THE CONCLUSION OF CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL CLEAN ALL DRAINAGE STRUCTURES ON-SITE IN THE VICINITY OF THE WORK AREA.
 7. ALL EXISTING DRAINAGE SYSTEMS ARE TO BE ABANDONED IN THE PROPOSED SURFACE LOT AND PARKING GARAGE AREA.

PROJECT

SYRACUSE HANCOCK INTERNATIONAL AIRPORT

Landside Design Study - ConRAC
1000 Col Eileen Collins Blvd
Syracuse, New York 13212

Syracuse Regional Airport Authority
1000 Col Eileen Collins Blvd
Syracuse, New York 13212

PROJECT MANAGEMENT & PLANNING

Landrum & Brown
110 William St., 20th Fl.
New York, NY 10038

ARCHITECT

Perkins & Will
1250 Broadway, Suite 200
New York, NY 10001

Foit Albert Associates
295 Main Street, Suite 200
Buffalo, New York 14203

STRUCTURAL, ROADWAY DESIGN

TYLin
32 Old Slip, 10th Fl.
New York, NY 10005

ACCOUNTING

Currie & Brown
12 East 40th Street, 11th Fl
New York, NY 10017

LIGHTING DESIGN

Cline Bettridge Bernstein
116 East 27th Street, 4th Fl
New York, NY 10016

SIGNAGE

Airspace
41 Flatbush Ave.
Brooklyn, NY 11217

LANDSCAPE

EDR
211 Montgomery St., Suite 1100
Syracuse, NY 13202

MEFP

PDG
555 Penbrooke Drive
Perth Amboy, NJ 08861

PRELIMINARY NOT-FOR CONSTRUCTION 07/28/23

KEYPLAN

ISSUE CHART

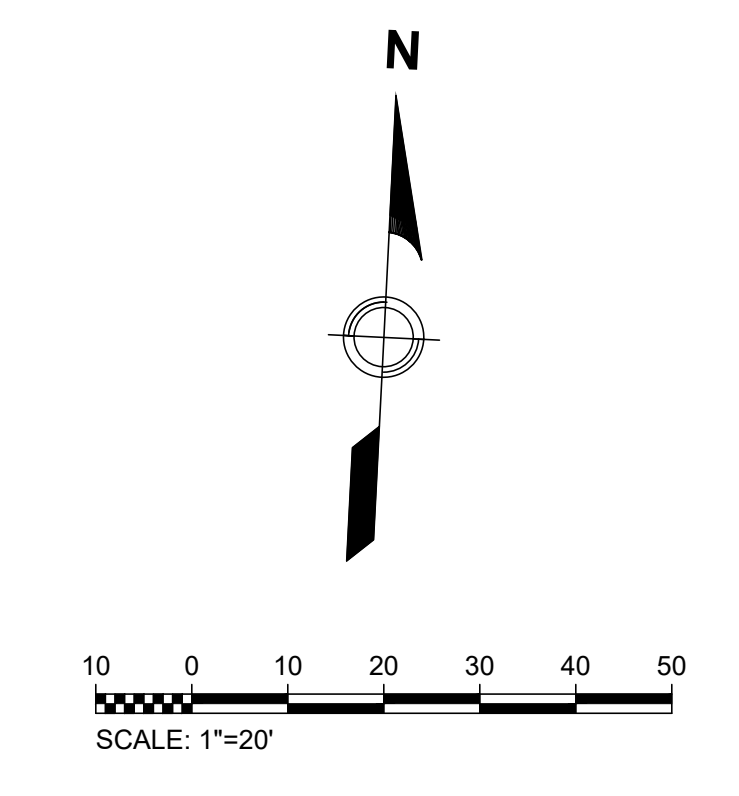
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Date: 07/28/23
Drawn By: ACP
Job Number: 220450.00

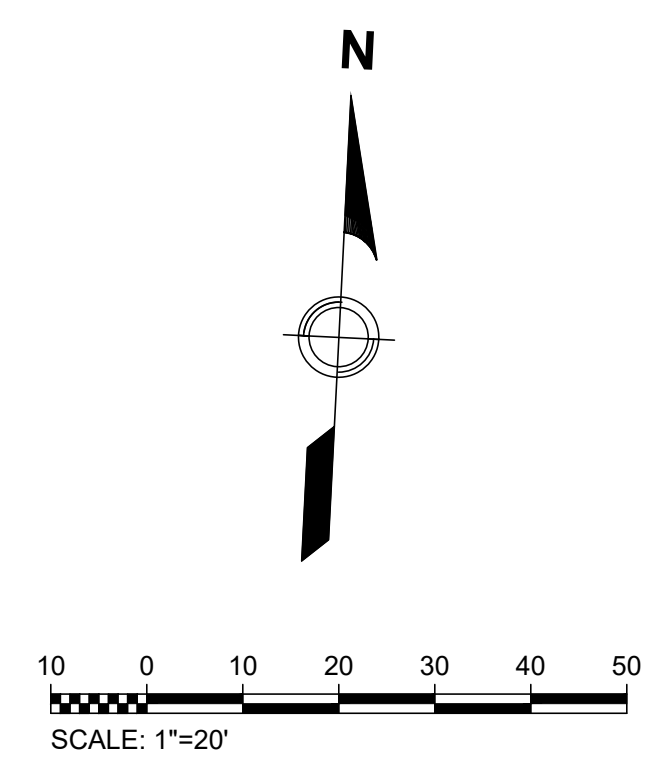
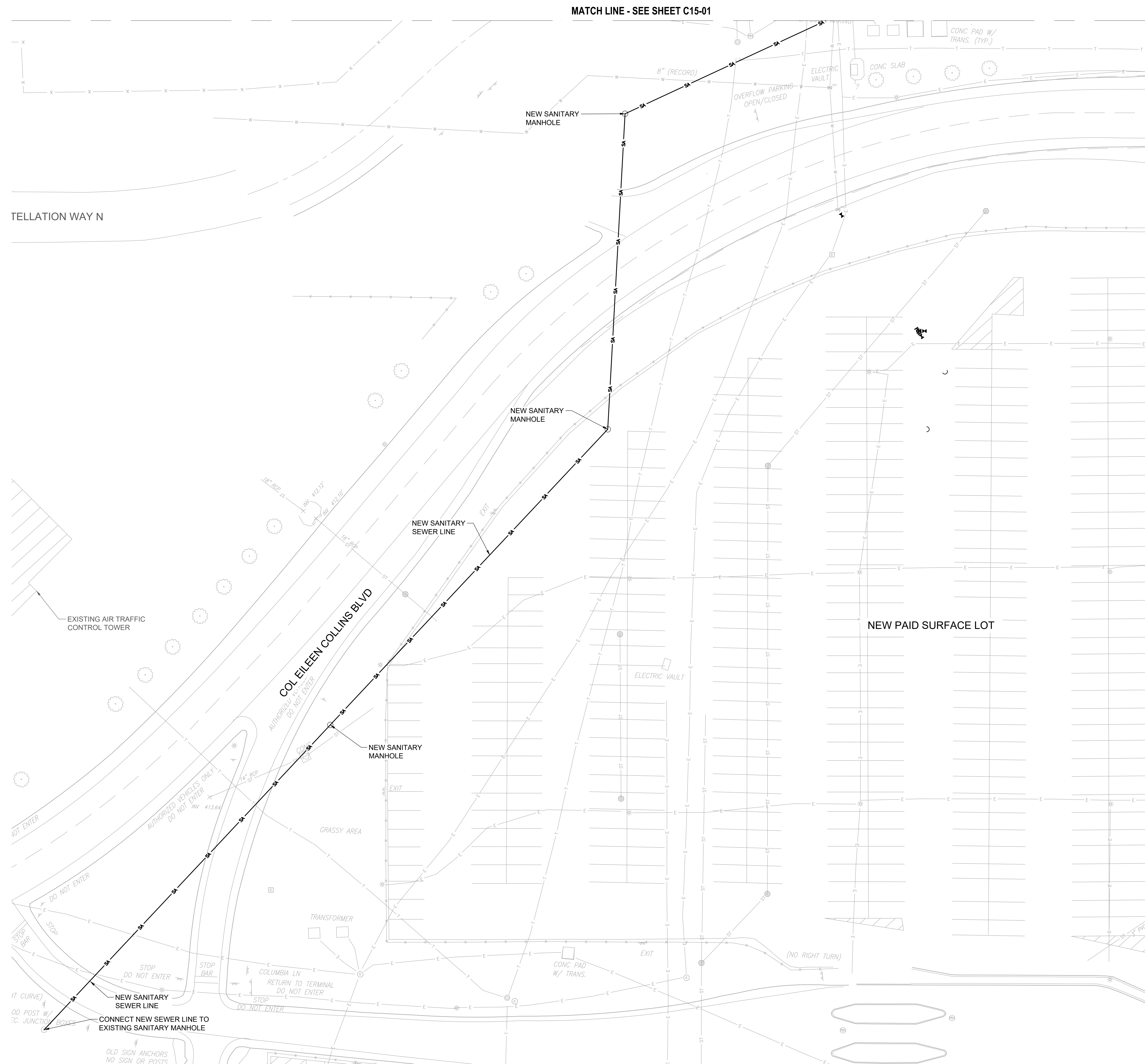
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Checked By: MJB
Title: DRAINAGE AND UTILITY PLAN - SHEET 2

SHEET NUMBER

C15-02



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PROJECT MANAGEMENT & PLANNING

Landrum & Brown
110 William St., 20th Fl.
New York, NY 10038

ARCHITECT

Perkins & Will
1250 Broadway, Suite 200
New York, NY 10001

Foit Albert Associates
295 Main Street, Suite 200
Buffalo, New York 14203

STRUCTURAL, ROADWAY DESIGN

ACCOUNTING

TYLin
32 Old Slip, 10th Fl.
New York, NY 10005

ACCOUNTING

Currie & Brown
12 East 40th Street, 11th Fl.
New York, NY 10017

ACCOUNTING

Cline Bettridge Bernstein
116 East 27th Street, 4th Fl.
New York, NY 10016

SIGNAGE

Airspace
41 Flatbush Ave.
Brooklyn, NY 11217

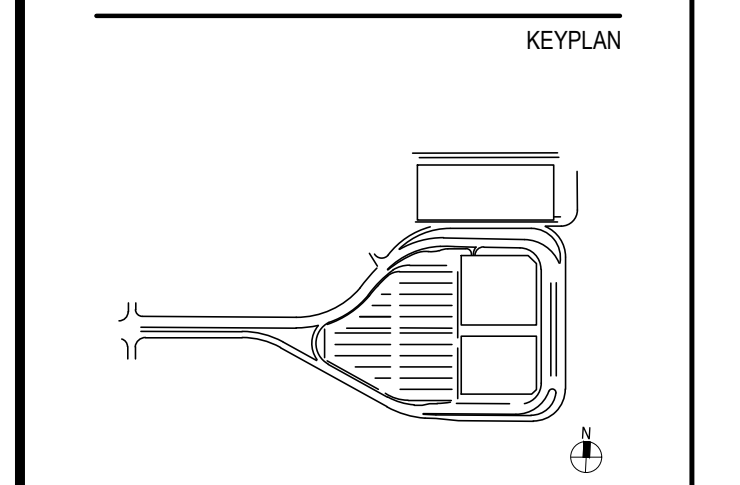
LANDSCAPE

EDR
217 Montgomery St., Suite 1100
Syracuse, NY 13202

MEFP

PDG
655 Penrose Drive
Penfield, NY 14526

PRELIMINARY NOT-FOR CONSTRUCTION 07/28/23



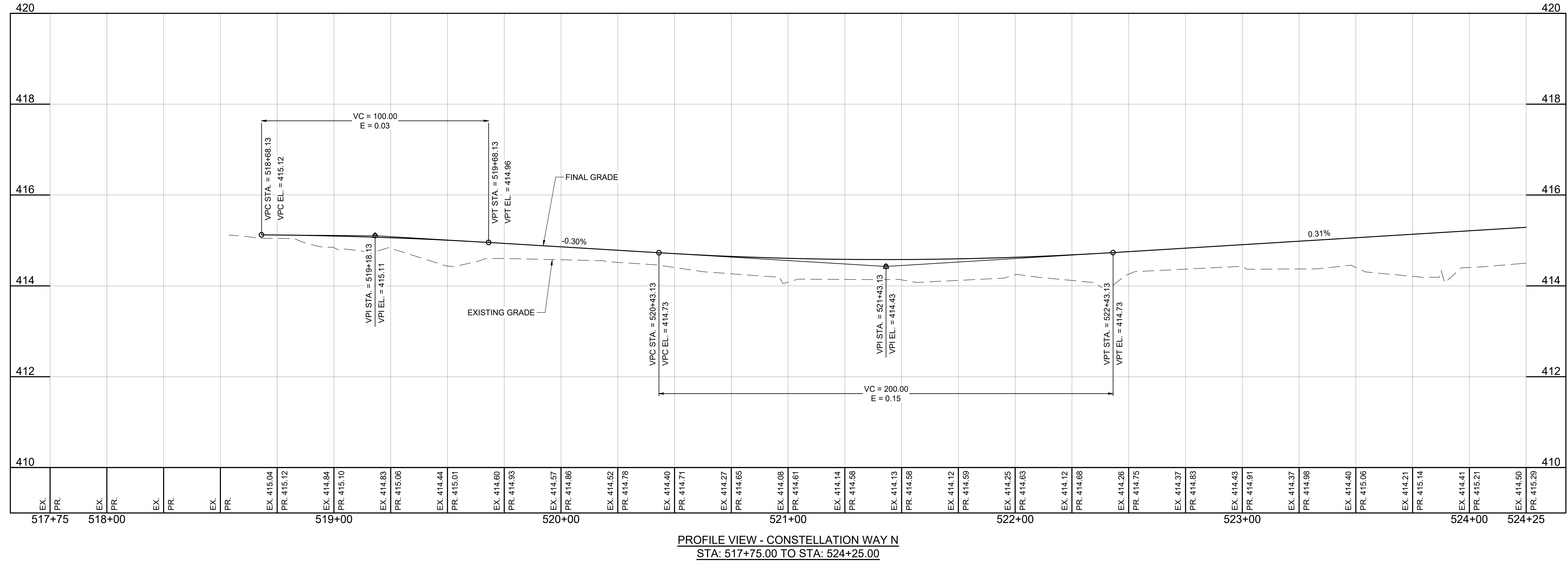
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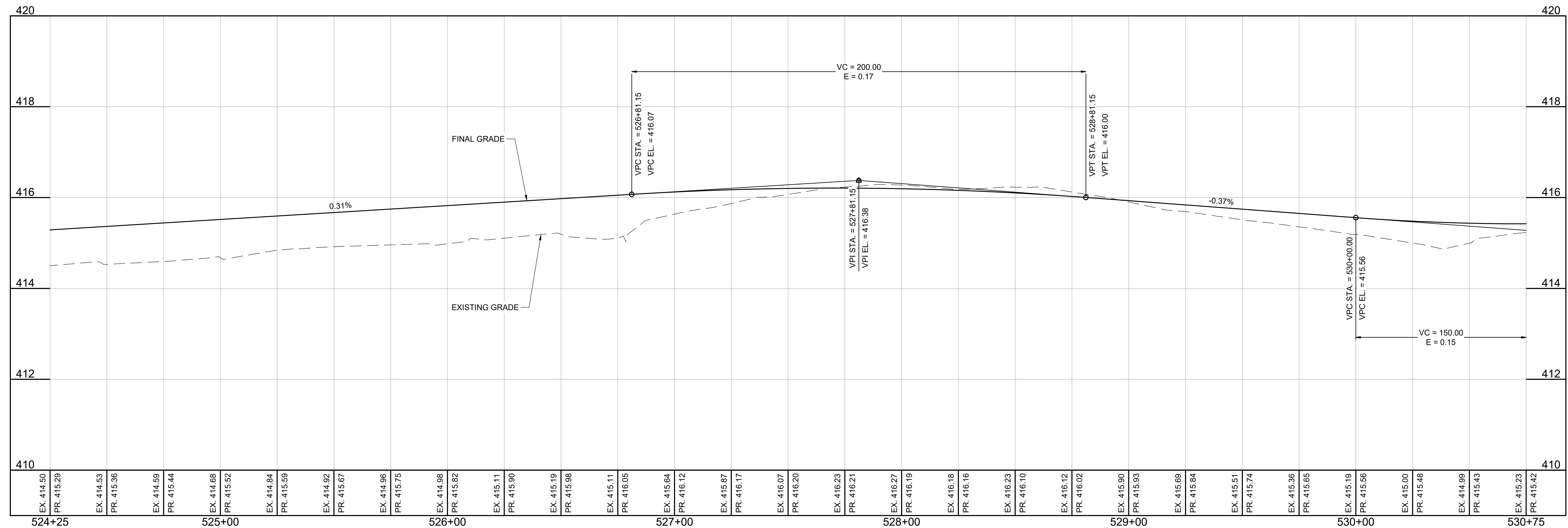
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Date	Project Manager
07/28/23	MLB
Drawn By	Checked By
ACD	MLB
Job Number	TITLE
220450.00	

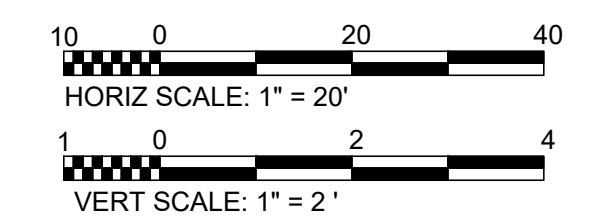
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PROFILE VIEW - CONSTELLATION WAY N
STA: 517+75.00 TO STA: 524+25.00



PROFILE VIEW - CONSTELLATION WAY N
STA: 524+25.00 TO STA: 530+75.00



PROJECT

SYRACUSE
HANCOCK
INTERNATIONAL AIRPORT

Landside Design Study - ConRAC
1000 Col Eileen Collins Blvd
Syracuse, New York 13212

Syracuse Regional Airport Authority
1931 Col Eileen Collins Blvd
Syracuse, New York 13212

PROJECT MANAGEMENT & PLANNING

Landrum & Brown
110 William St., 28th Fl.
New York, NY 10038

ARCHITECT

Perkins & Will
1250 Broadway, Suite 200
New York, NY 10001

Foit Albert Associates
295 Main Street, Suite 200
Buffalo, New York 14203

STRUCTURAL, ROADWAY DESIGN

TYLin
32 Old Slip, 10th Fl.
New York, NY 10005

ACCOUNTING

Currie & Brown
12 East 49th Street, 11th Fl
New York, NY 10017

LIGHTING DESIGN

Cline Bettridge Bernstein
116 East 27th Street, 4th Fl
New York, NY 10016

SIGNAGE

Airspace
41 Flatbush Ave.
Brooklyn, NY 11217

LANDSCAPE

EDR
217 Montgomery St., Suite 1100
Syracuse, NY 13202

MEFP

PDG
555 Pennekotte Drive
Penfield, NY 14526

PRELIMINARY NOT-FOR CONSTRUCTION 07/28/18

KEYPLAN

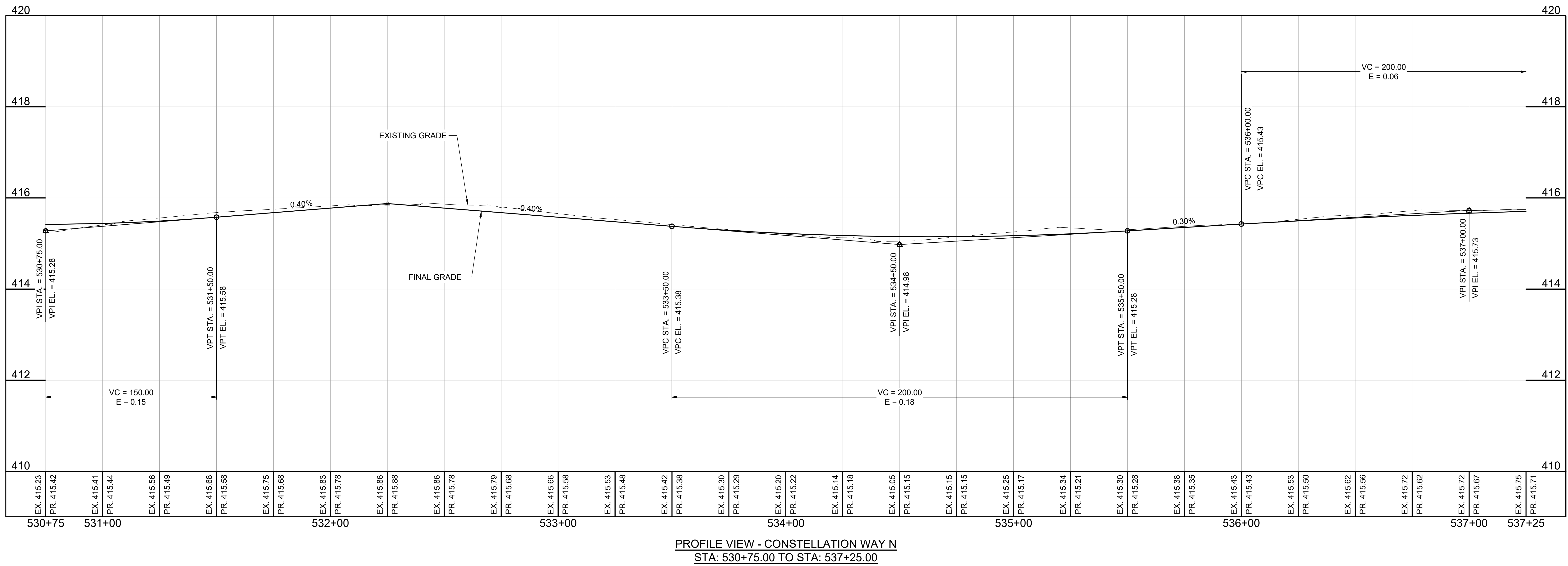
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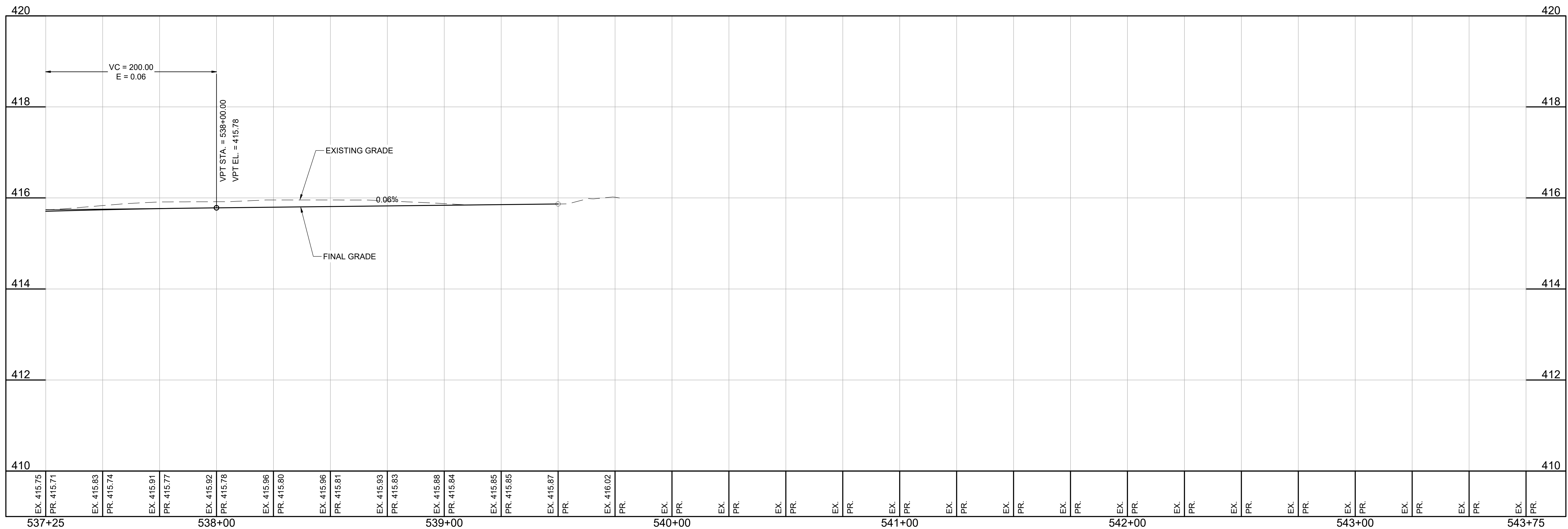
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Job Number: 220450.00	TITLE

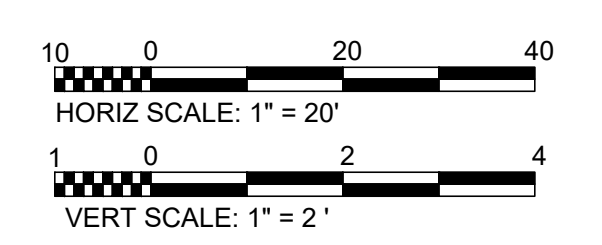
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PROFILE VIEW - CONSTELLATION WAY N
STA: 530+75.00 TO STA: 537+25.00



PROFILE VIEW - CONSTELLATION WAY N
STA: 537+25.00 TO STA: 543+75.00



PROJECT
SYRACUSE HANCOCK INTERNATIONAL AIRPORT
Landside Design Study - ConRAC
1000 Col Eileen Collins Blvd
Syracuse, New York 13212
Syracuse Regional Airport Authority
1900 Col Eileen Collins Blvd
Syracuse, New York 13212

PROJECT MANAGEMENT & PLANNING
Landrum & Brown
110 William St., 20th Fl.
New York, NY 10038

ARCHITECT
Perkins & Will
1250 Broadway, Suite 200
New York, NY 10001

STRUCTURAL, ROADWAY DESIGN
Foit Albert Associates
295 Main Street, Suite 200
Buffalo, New York 14203

ACCOUNTING
TYLin
32 Old Slip, 10th Fl.
New York, NY 10005

LIGHTING DESIGN
Currie & Brown
12 East 40th Street, 11th Fl.
New York, NY 10017

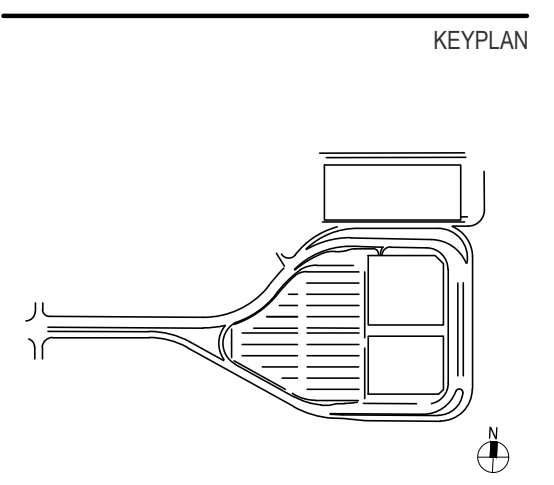
SIGNAGE
Cline Bettridge Bernstein
116 East 27th Street, 4th Fl.
New York, NY 10016

LANDSCAPE
Airspace
41 Flatbush Ave.
Brooklyn, NY 11217

MEFPF
EDR
217 Montgomery St., Suite 1100
Syracuse, NY 13202

MEFPF
PDG
555 Penrose Drive
Penfield, NY 14528

PRELIMINARY NOT-FOR CONSTRUCTION 07/28/23



ISSUE CHART

Number	Revision Date

Scale: AS NOTED

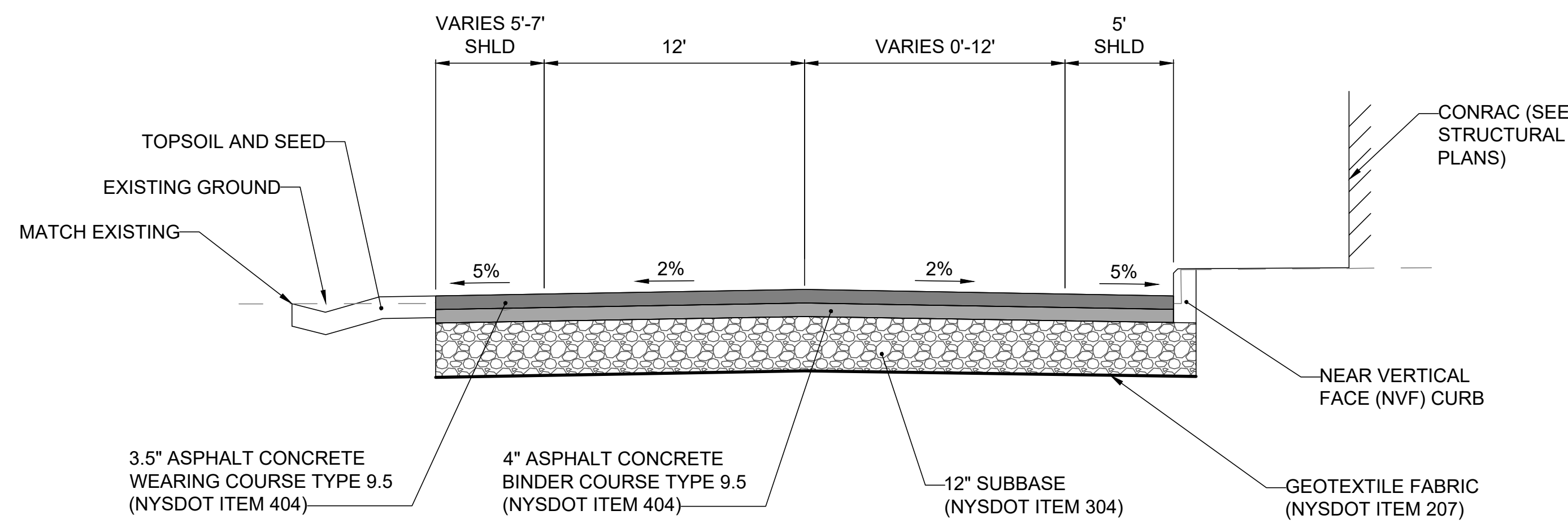
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07/28/23	MLB
Drawn By: ACD	Checked By: MJB
Job Number: 220450.00	TITLE

ROADWAY PROFILES - SHEET 2

SHEET NUMBER

C20-02

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CONSTELLATION WAY N TYPICAL SECTION
SCALE: N.T.S.

NOTES:

1. ORDER OF OPERATIONS:
FINE GRADE AND PROOF ROLL SUBGRADE
PLACE GEOTEXTILE FABRIC IN ACCORDANCE WITH SPECIFICATIONS
FINE GRADE AND ROLL SUBBASE TO 95% OF MAXIMUM DRY DENSITY
PLACE ASPHALT CONCRETE COURSES.
2. ALL SPECIFIED PAVEMENT ITEMS SHALL BE SUPPLIED AND PLACED IN ACCORDANCE WITH NYS DOT STANDARD SPECIFICATIONS - BITUMINOUS PAVEMENTS SECTION 400.
3. PAVEMENT STRUCTURES DEVELOPED USING ENGINEERING JUDGEMENT, BASED ON SURROUNDING PROJECTS, AS-BUILT PLANS, AND BORING DEPTHS. FULL PAVEMENT DESIGN TO BE COMPLETED BY ENGINEER OF RECORD.

PROJECT



Landside Design Study - ConRAC
1000 Col Eileen Collins Blvd
Syracuse, New York 13212
Syracuse Regional Airport Authority
1000 Col Eileen Collins Blvd
Syracuse, New York 13212

PROJECT MANAGEMENT & PLANNING
Landrum & Brown
110 William St., 20th Fl.
New York, NY 10038

ARCHITECT
Perkins & Will
1250 Broadway, Suite 200
New York, NY 10001

Foit Albert Associates
295 Main Street, Suite 200
Buffalo, New York 14203

STRUCTURAL, ROADWAY DESIGN
TYLin
32 Old Slip, 10th Fl.
New York, NY 10005

ACCOUNTING
Currie & Brown
12 East 40th Street, 11th Fl.
New York, NY 10017

LIGHTING DESIGN
Cline Bettridge Bernstein
116 East 27th Street, 4th Fl.
New York, NY 10016

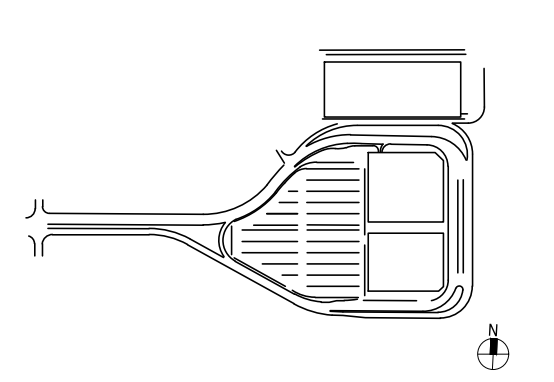
SIGNAGE
Airspace
41 Flatbush Ave.
Brooklyn, NY 11217

LANDSCAPE
EDR
217 Montgomery St., Suite 1100
Syracuse, NY 13202

MEFP
PDG
555 Penbrooke Drive
Perth Amboy, NJ 08861

PRELIMINARY NOT-FOR CONSTRUCTION 07/28/23

KEYPLAN



ISSUE CHART

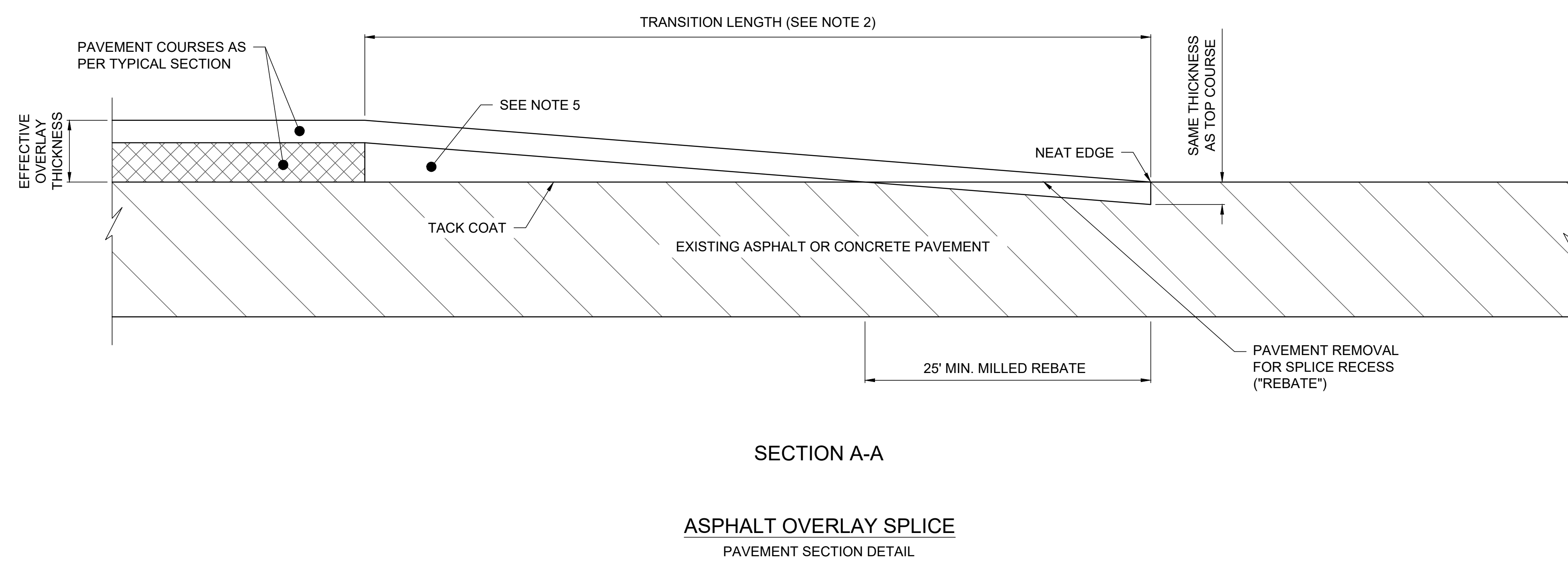
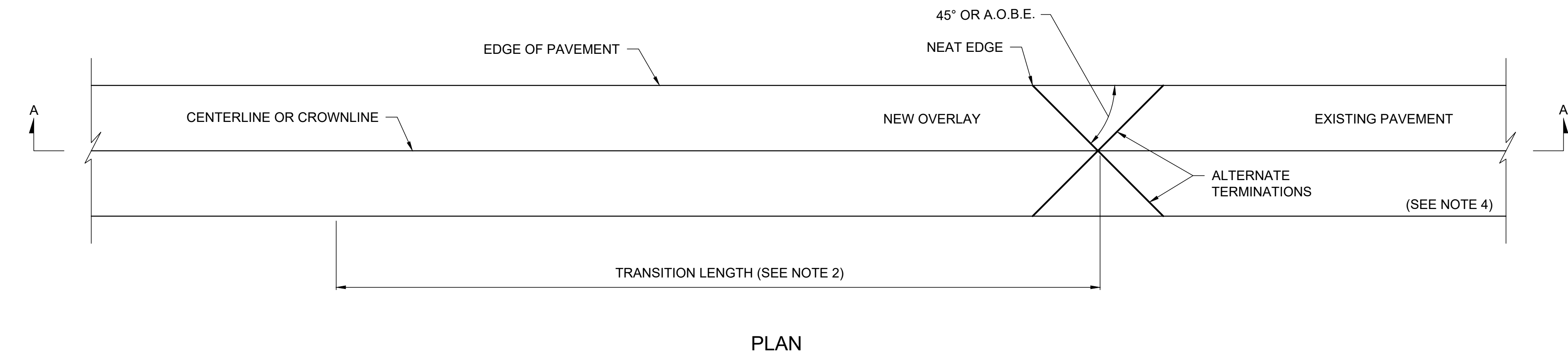
Revision Number	Revision Date

Scale: AS NOTED
Date: 07/28/23
Drawn By: AGD
Job Number: 220450.00

Project Manager: MLB
Checked By: MJB
TITLE
TYPICAL SECTIONS - SHEET 1

SHEET NUMBER
C30-01

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NOTES:

- ASPHALT OVERLAY SPLICES SHALL BE USED AT ENDS OF ASPHALT OVERLAY HIGHWAY SECTIONS, MAJOR INTERSECTIONS, AND OTHER LOCATIONS INDICATED IN THE PLANS.
- THE TRANSITION LENGTH IN FEET SHALL NOT BE LESS THAN THE VALUE OBTAINED BY MULTIPLYING THE EFFECTIVE OVERLAY THICKNESS IN INCHES (DIFFERENCE BETWEEN THE EXISTING AND THE OVERLAD ELEVATIONS) BY THE K VALUE FROM THE TABLE FOR THE POSTED SPEED OF THE HIGHWAY. THE MINIMUM TRANSITION LENGTH IS 30'.
EXAMPLE: IF THE POSTED SPEED IS 55 MPH,
EFFECTIVE OVERLAY THICKNESS = 2"
THEN THE MINIMUM TRANSITION LENGTH = 2 INCHES X 30 FT / IN = 60 FEET
- ALL SURFACES OF THE ASPHALT OVERLAY SPLICE TRANSITION AREA SHALL BE CLEANED AND TACK-COATED PRIOR TO ASPHALT PLACEMENT. THE COST OF MILLING REBATES, AND TACK COAT IN THE ASPHALT OVERLAY SPLICE TRANSITION AREA SHALL BE PAID FOR UNDER THEIR RESPECTIVE ITEMS. COST OF LEAVING A NEAT EDGE SHALL BE INCLUDED IN THE MILLING ITEM.
- SAW CUTS SHALL BE MADE SO THAT SURFACE RUNOFF IS DIRECTED TO THE EDGE OF PAVEMENT.
- IN THE TRANSITION AREA, PAVEMENT COURSES OTHER THAN THE TOP COURSE SHALL BE FEATHERED OUT USING TOP COURSE OF OTHER APPROPRIATE MATERIAL. PAYMENT SHALL BE MADE UNDER THE APPROPRIATE ITEM.

K VALUE TABLE (FT / IN)								
POSTED SPEED (MPH)	30	35	40	45	50	55	60	65
K	16.67	19.17	12.67	24.17	27.50	30.00	32.50	35.00

NOTE:
DETAILS SHOWN ARE FROM NYS DOT US CUSTOMARY STANDARD SHEETS CURRENT EDITION AS OF MARCH 2023.

PROJECT

Landside Design Study - ConRAC
1000 Col Eiken Collins Blvd
Syracuse, New York 13212

Syracuse Regional Airport Authority
1000 Col Eiken Collins Blvd
Syracuse, New York 13212

PROJECT MANAGEMENT & PLANNING

Landrum & Brown
110 William St., 20th Fl.
New York, NY 10038

ARCHITECT

Perkins & Will
1250 Broadway, Suite 200
New York, NY 10001

Foit Albert Associates
295 Main Street, Suite 200
Buffalo, New York 14203

STRUCTURAL, ROADWAY DESIGN

TYLin
32 Old Slip, 10th Fl.
New York, NY 10005

ACCOUNTING

Currie & Brown
12 East 40th Street, 11th Fl.
New York, NY 10017

LIGHTING DESIGN

Cline Bettridge Bernstein
116 East 27th Street, 4th Fl.
New York, NY 10016

SIGNAGE

Airspace
41 Flatbush Ave.
Brooklyn, NY 11217

LANDSCAPE

EDR
217 Montgomery St., Suite 1100
Syracuse, NY 13202

MEFP

PDG
555 Penbrooke Drive
Penfield, NY 14526

PRELIMINARY NOT-FOR CONSTRUCTION 07/28/23

KEYPLAN

ISSUE CHART

Revised Number	Revision Date

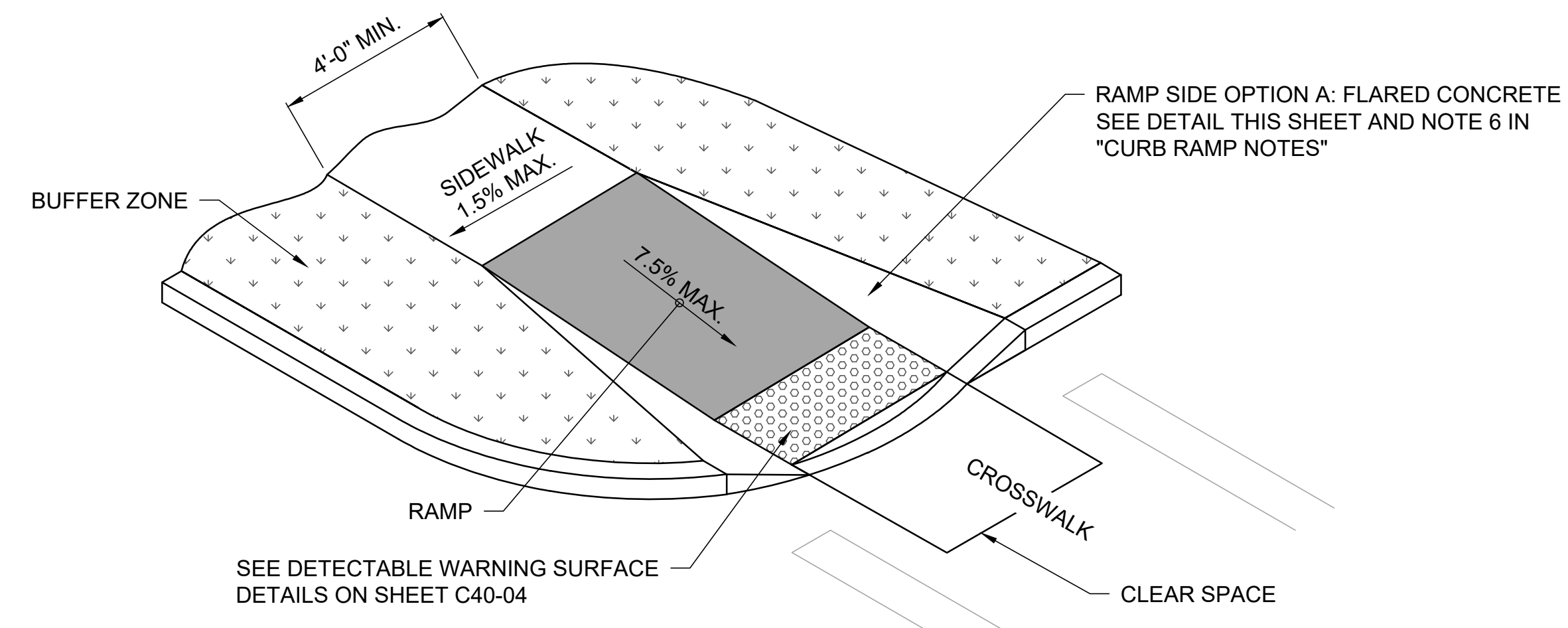
Scale: AS NOTED	Project Manager:
Date: 07/28/23	MLB
Drawn By: ACD	Checked By: MJB
Job Number: 220450.00	TITLE

DRAINAGE, PAVEMENT, AND SITE DETAILS - SHEET 1

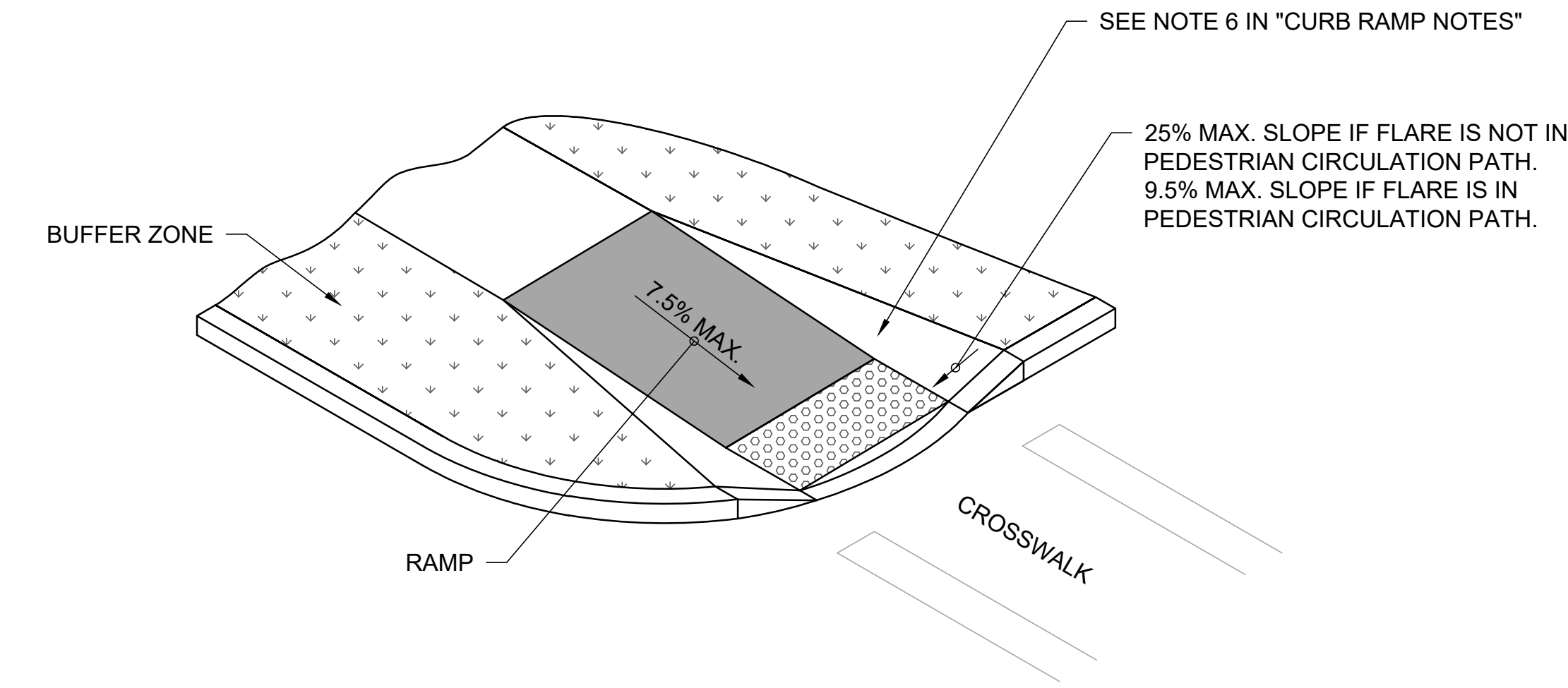
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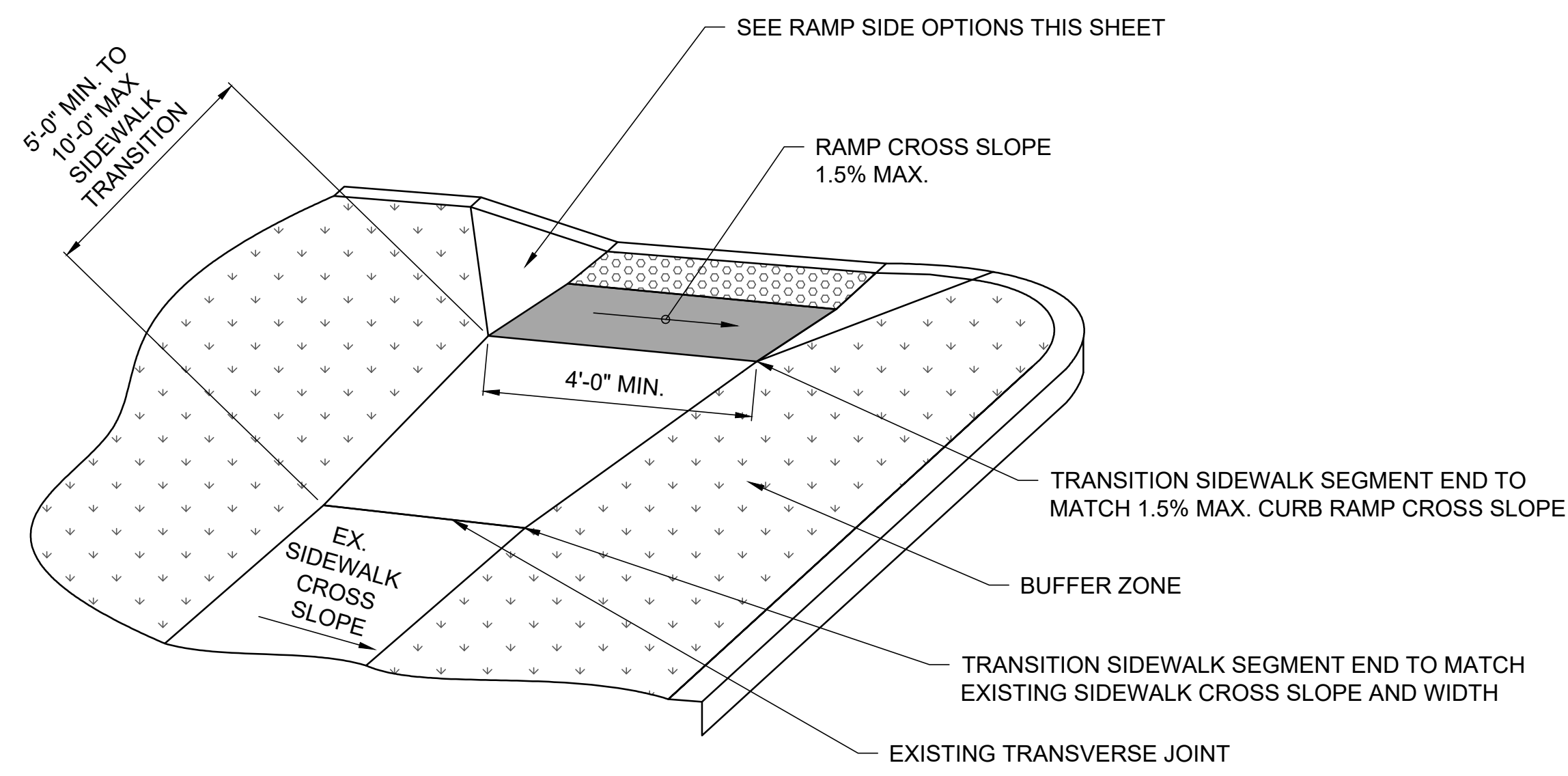
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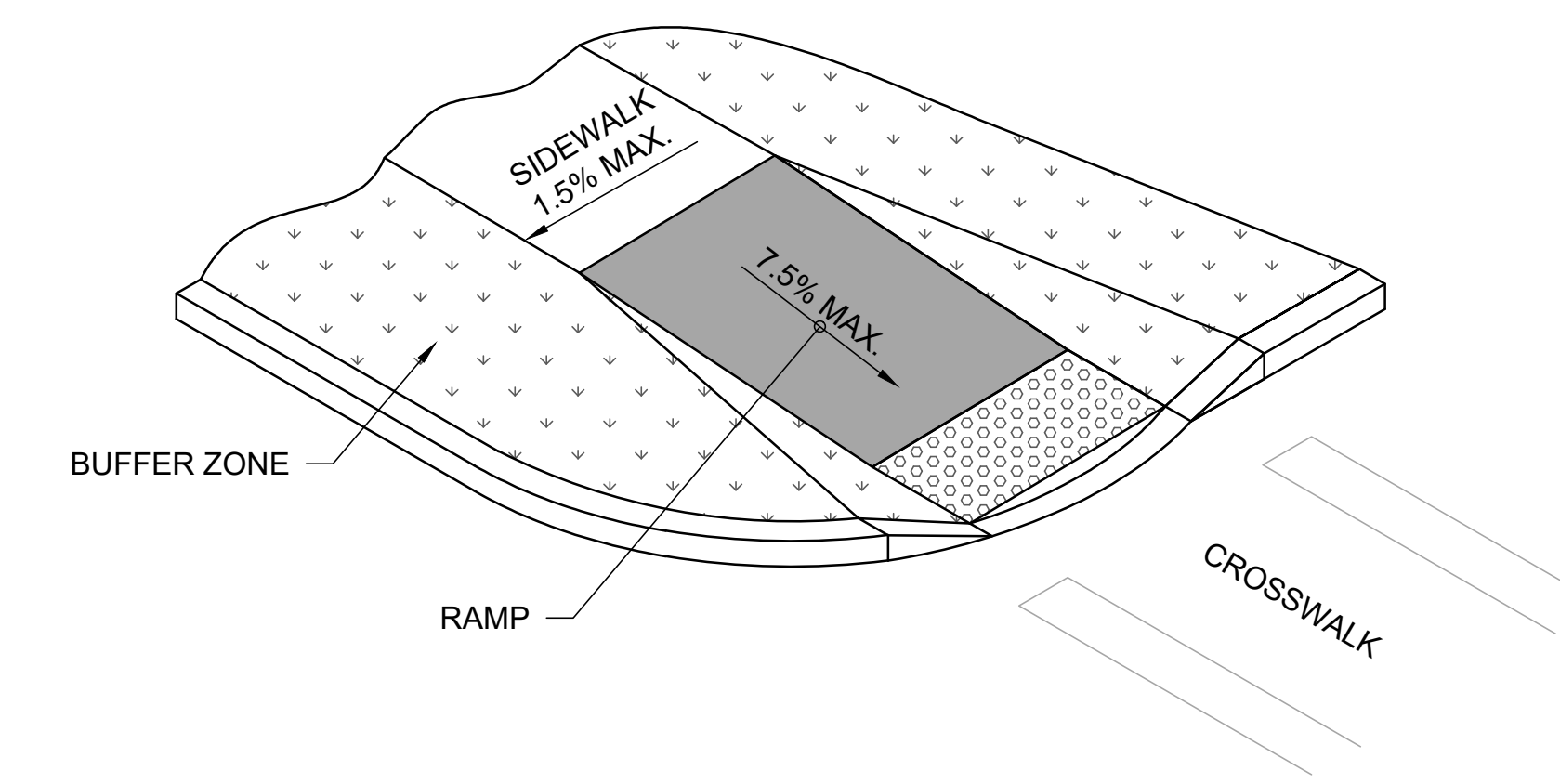
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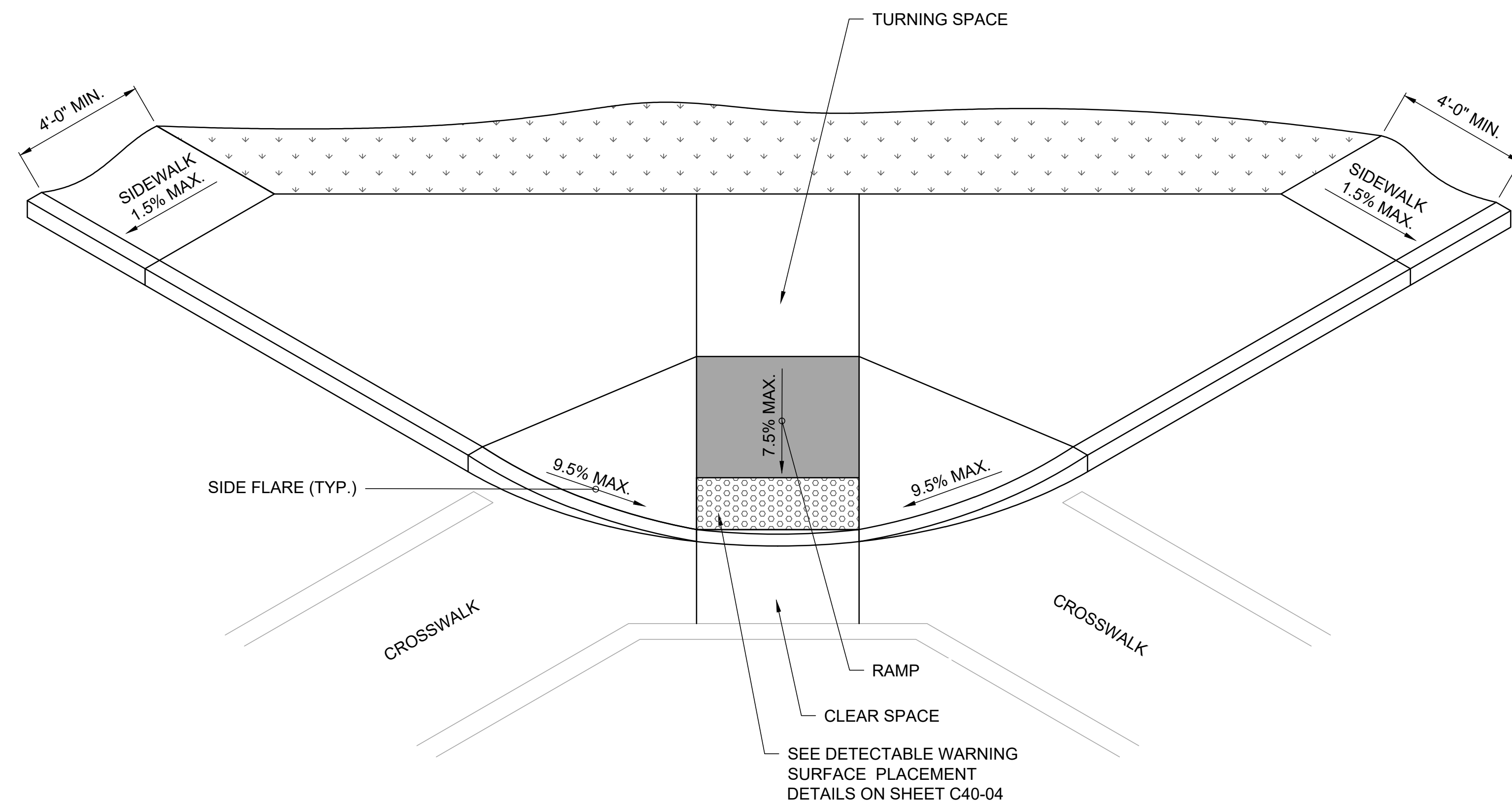
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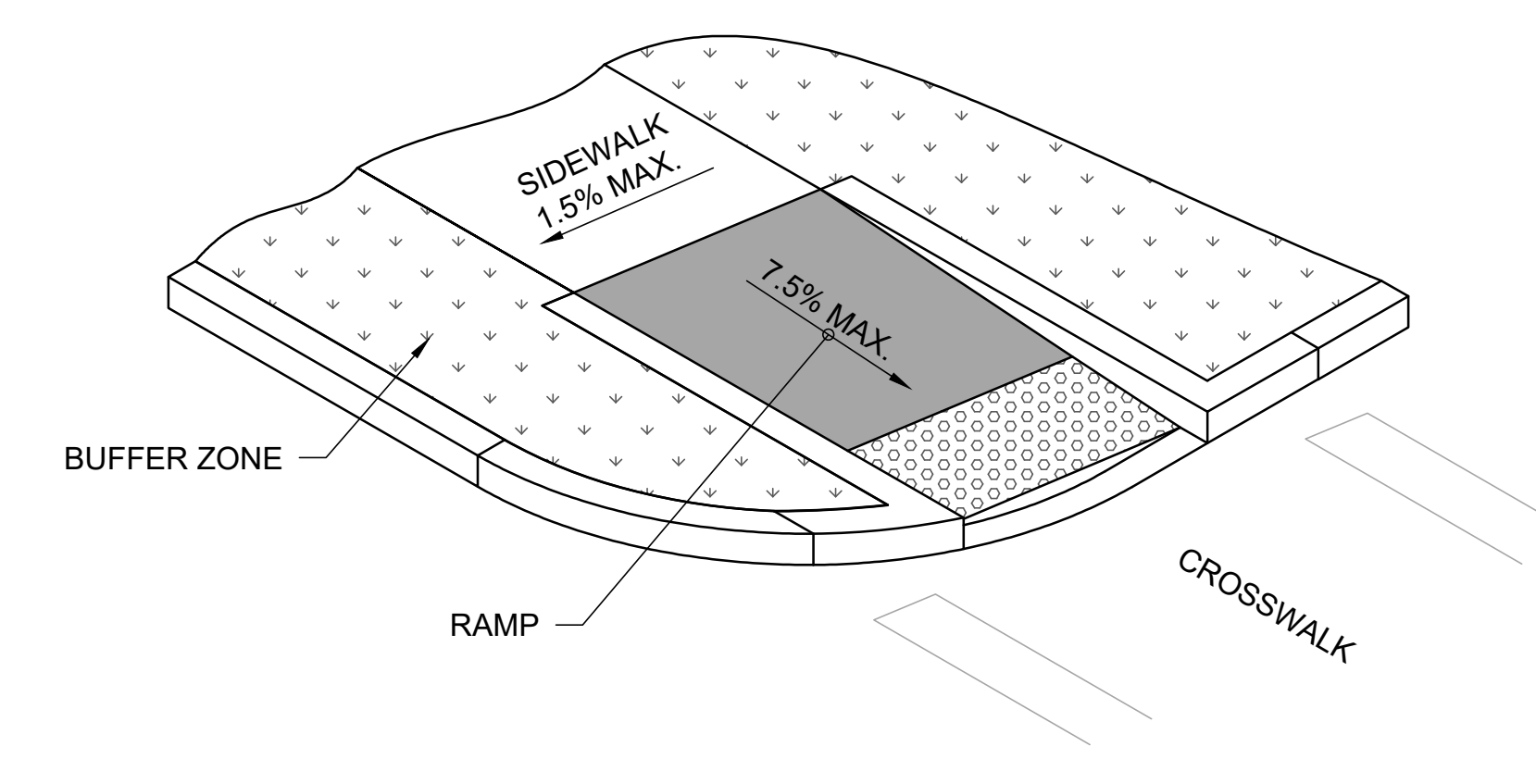
TRANSITION BETWEEN CURB RAMP AND EXISTING SIDEWALK
USE FOR CROSS SLOPE AND WIDTH TRANSITIONS



RAMP SIDE OPTION B: GRADED EARTH



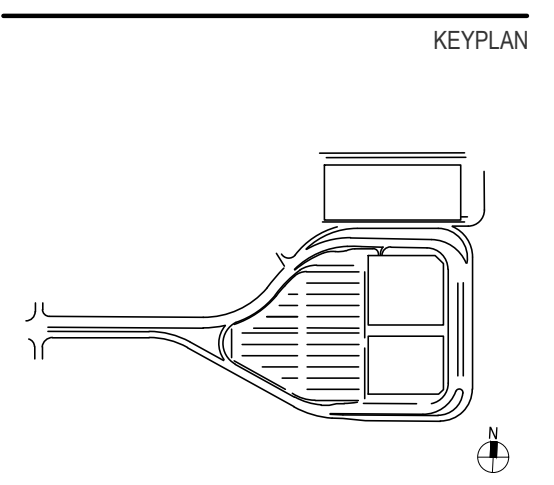
CURB RAMP CONFIGURATION: TYPE 8



RAMP SIDE OPTION C: RETURN CURB

NOTE:
DETAILS SHOWN ARE FROM NYS DOT US CUSTOMARY STANDARD
SHEETS CURRENT EDITION AS OF MARCH 2023.

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ISSUE CHART

Revised Number	Revision Date

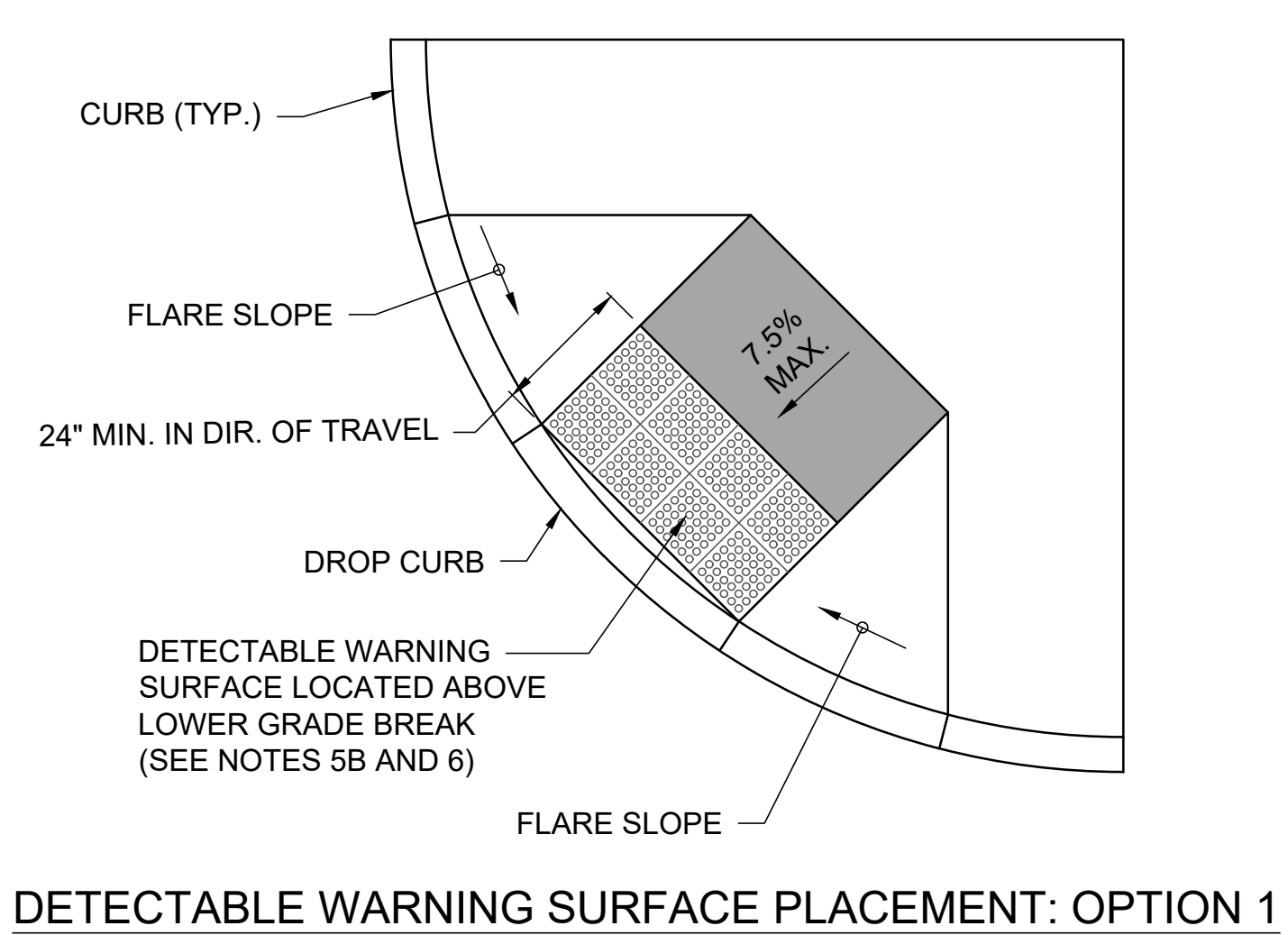
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Date: 07/28/23
Drawn By: ACP
Job Number: 220450-00

Project Manager: MLB
Checked By: MJB
Title:

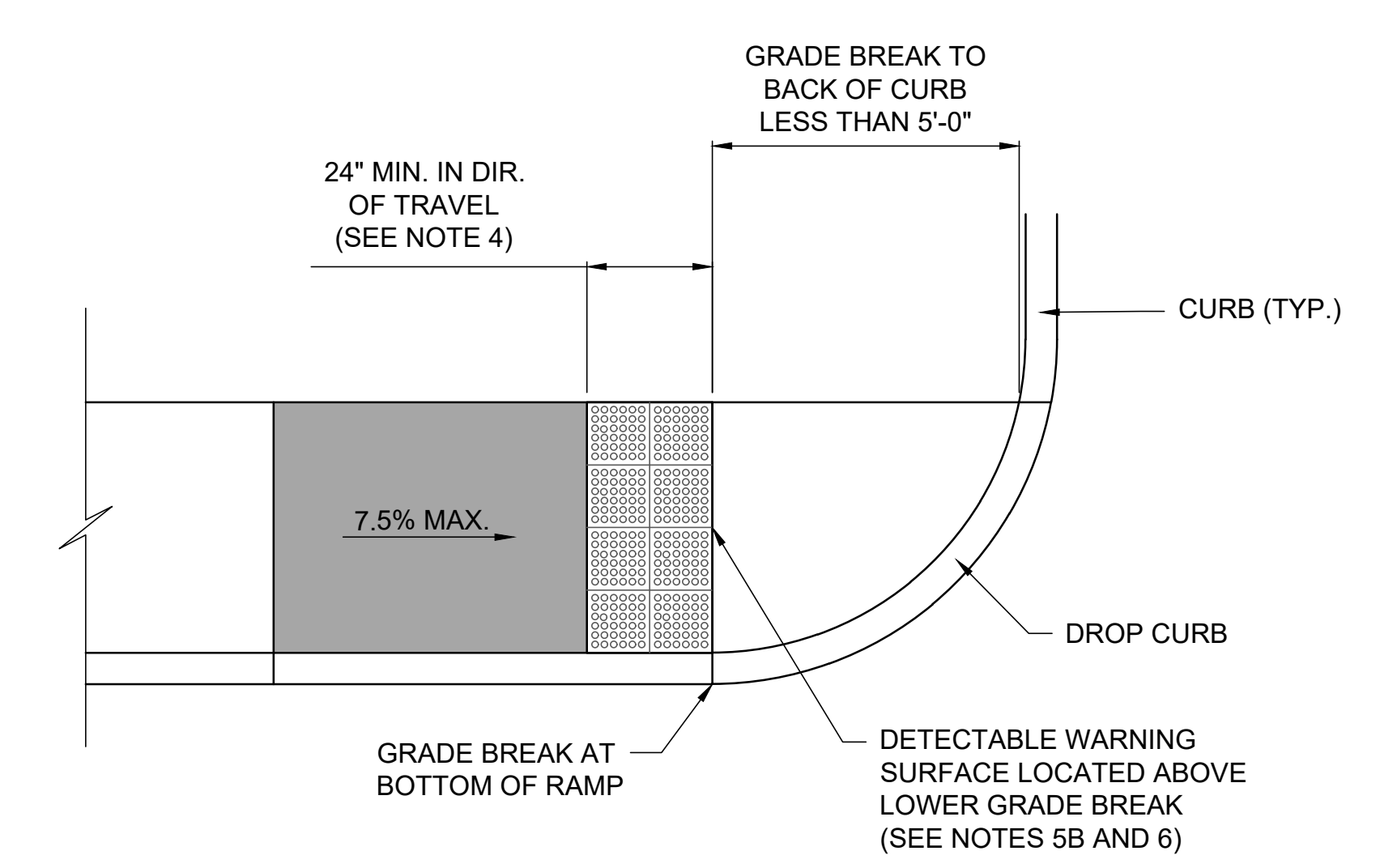
DRAINAGE, PAVEMENT, AND SITE DETAILS - SHEET 3

C40-03

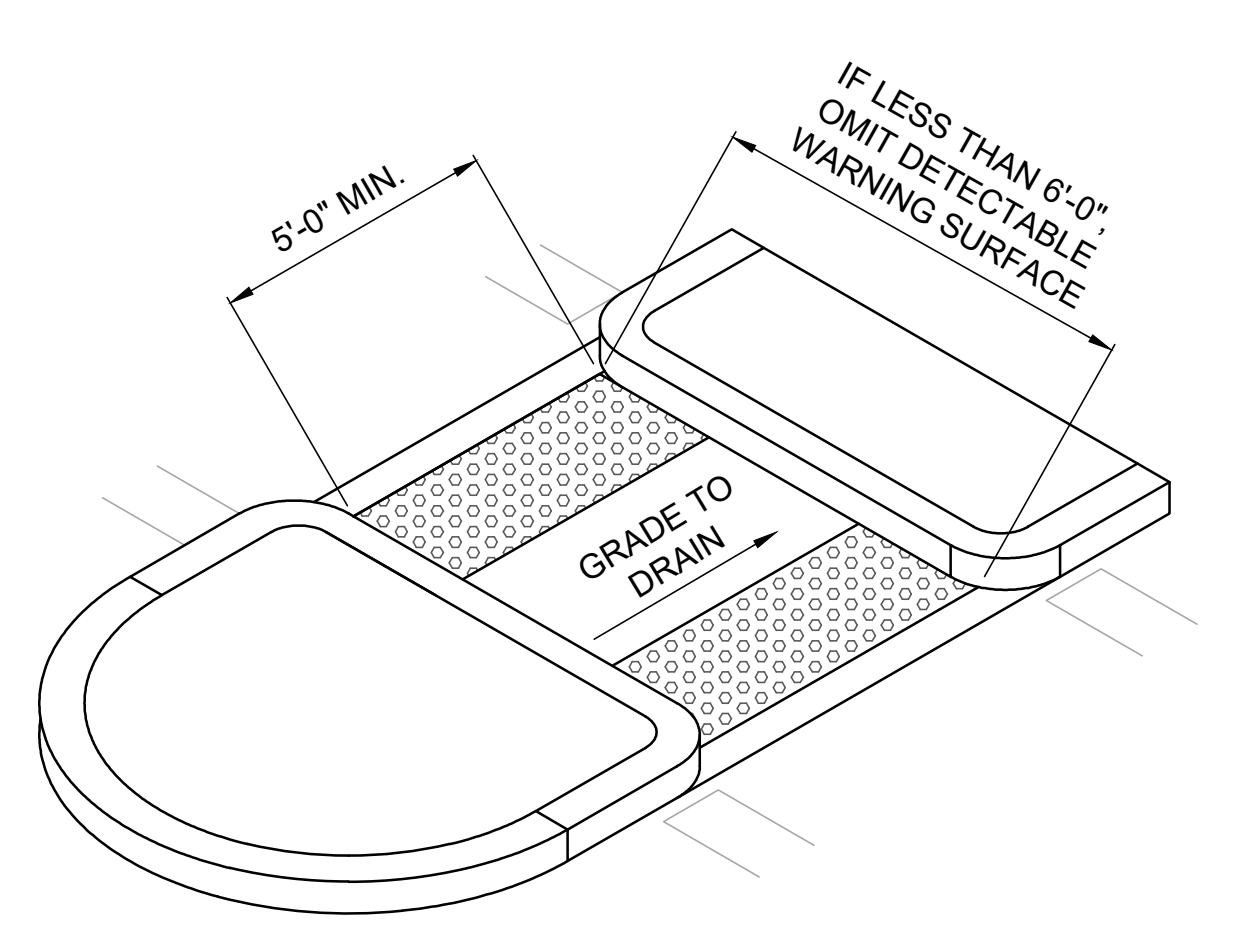
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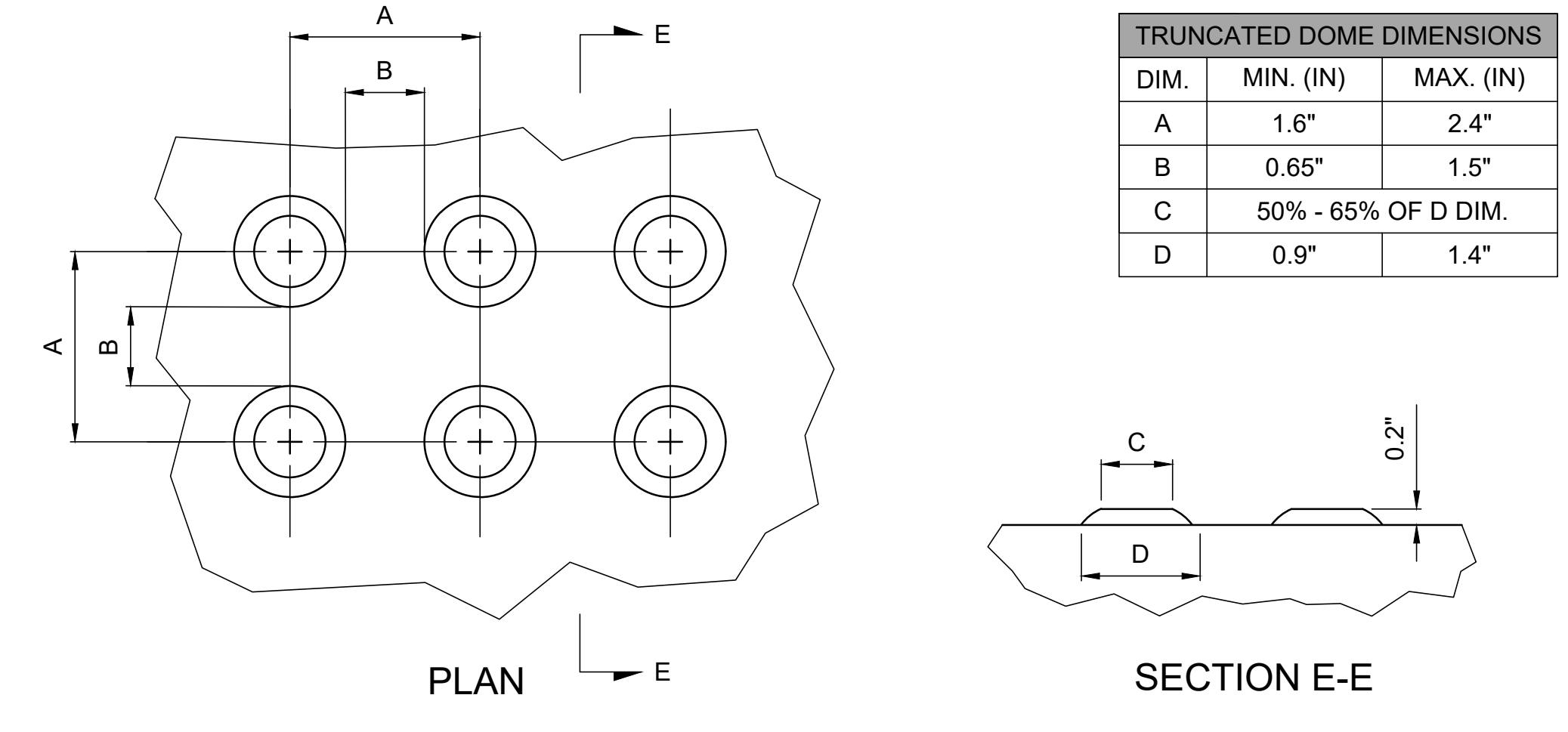
DETECTABLE WARNING SURFACE PLACEMENT: OPTION 1



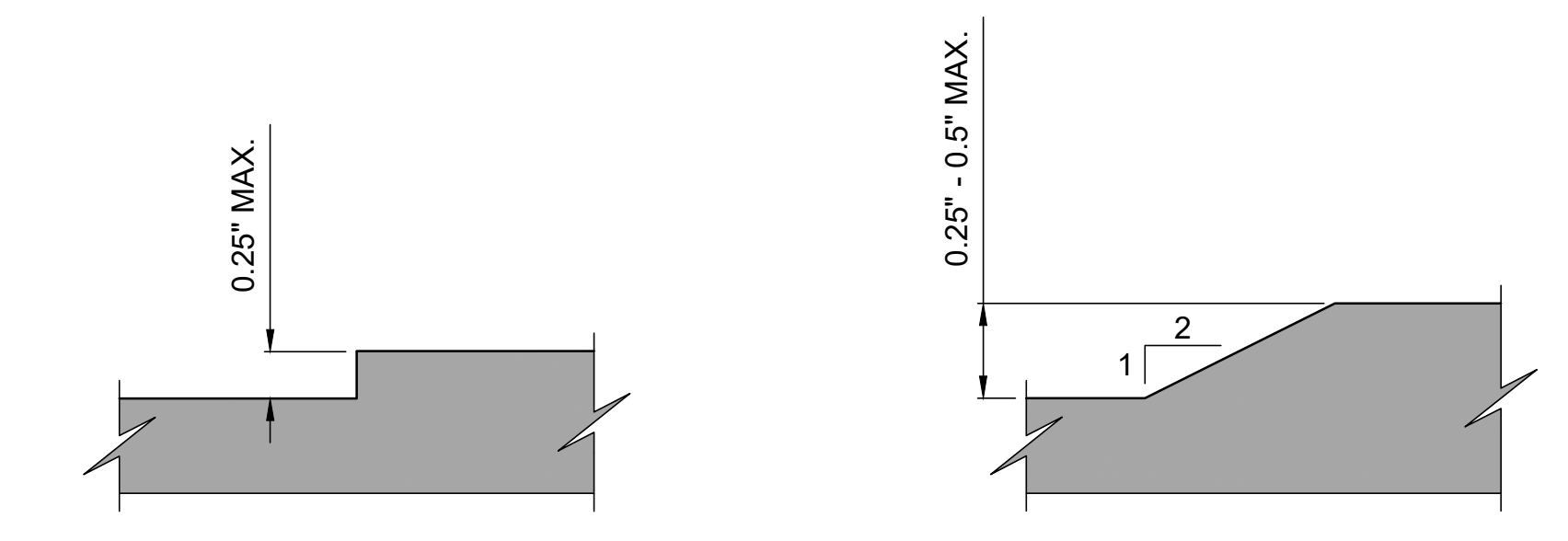
DETECTABLE WARNING SURFACE PLACEMENT: OPTION 2



**DETECTABLE WARNING SURFACE AT PEDESTRIAN REFUGE ISLANDS
NON-ELEVATED CROSSINGS**



DETECTABLE WARNING SURFACE (DWS) TRUNCATED DOME DETAILS



VERTICAL SURFACE DISCONTINUITIES

DETECTABLE WARNING NOTES:

- DETECTABLE WARNING SURFACES (DWS) SHALL BE PROVIDED AT THE FOLLOWING LOCATIONS ON PEDESTRIAN ACCESS ROUTES:
 - CURB RAMPS AND BLENDED TRANSITIONS AT PEDESTRIAN STREET CROSSINGS.
 - PEDESTRIAN REFUGE ISLANDS (WHERE THE LENGTH OF THE PEDESTRIAN ACCESS ROUTE ACROSS THE REFUGE ISLAND IS GREATER THAN OR EQUAL TO 6'-0" IN LENGTH).
 - PEDESTRIAN AT-GRADE RAIL CROSSINGS NOT LOCATED WITHIN A STREET OR HIGHWAY.
- DETECTABLE WARNING SURFACES SHALL BE PROVIDED WHERE THE PEDESTRIAN ACCESS ROUTE CROSSES DRIVEWAYS WITH SIGNAL, YIELD, OR STOP CONTROL. DETECTABLE WARNING SURFACES SHALL NOT BE PROVIDED AT CROSSINGS OF UNCONTROLLED DRIVEWAYS.
- WITH THE EXCEPTION OF THE "DETECTABLE WARNING SURFACE TRUNCATED DOME" DETAILS, THE DETECTABLE WARNING SURFACES DEPICTED ON THIS SHEET ARE NOT TO SCALE.
- DETECTABLE WARNING SURFACES SHALL EXTEND A MINIMUM 24" LENGTH IN THE DIRECTION OF PEDESTRIAN TRAVEL, AND ACROSS THE FULL WIDTH OF THE CURB RAMP OR FLUSH SURFACE. ANY FLARED SIDES ARE EXCLUDED.
- SOME DETECTABLE WARNING PRODUCTS REQUIRE A CONCRETE BORDER FOR PROPER INSTALLATION; BORDERS CANNOT BE INCLUDED AS PART OF THE 24" MINIMUM LENGTH AS DESCRIBED IN NOTE 4.
 - WHEN PLACED AT THE BACK CURB, DETECTABLE WARNING SURFACES SHOULD BE PLACED AS CLOSE TO THE BACK OF CURB AS PRACTICABLE. BOTH FRONT CORNERS OF THE DETECTABLE WARNING SURFACE SHALL NOT BE LOCATED MORE THAN 2" FROM THE BACK OF CURB. WHERE THE BACK OF CURB EDGE IS TOOLED TO PROVIDE A RADIUS, THE BORDER DIMENSION SHALL BE MEASURED FROM THE INSIDE OF THE CURB RADIUS. WHERE CURB IS NOT USED, THE EDGE OF PAVEMENT SHALL BE SUBSTITUTED FOR THE BACK OF CURB FOR THE PLACEMENT OF DETECTABLE WARNING SURFACES.
 - WHEN PLACED ABOVE THE LOWER GRADE BREAK OF A CURB RAMP, DETECTABLE WARNING SURFACES SHOULD BE PLACED AS CLOSE TO THE JOINT AS PRACTICABLE. BOTH FRONT CORNERS OF RECTILINEAR DETECTABLE WARNING SURFACES SHALL NOT BE LOCATED MORE THAN 2" FROM THE JOINT.
 - WHEN RADIAL DETECTABLE WARNING SURFACES ARE PLACED AT THE BACK OF THE CURB, THE FRONT EDGE OF THE DETECTABLE WARNING SURFACE SHOULD BE LOCATED AS CLOSE AS PRACTICABLE TO THE BACK OF CURB, I.E. THE RADIUS OF THE FRONT OF THE SURFACE SHOULD MATCH THE RADIUS ALONG THE BACK OF CURB AS CLOSELY AS PRACTICABLE. THE OUTSIDE CORNERS OF THE DETECTABLE WARNING SURFACE SHALL NOT BE LOCATED MORE THAN 2" FROM THE BACK OF CURB.
 - ON SLOPES OF 5% OR GREATER, THE ROWS OF DOMES SHALL BE ALIGNED TO BE PERPENDICULAR OR RADIAL TO THE LOWER GRADE BREAK ON THE RAMP RUN. WHERE DOMES ARE ARRAYED RADIALLY, THEY MAY DIFFER IN DIAMETER AND CENTER-TO-CENTER SPACING WITHIN THE RANGES SPECIFIED ON THIS SHEET. SOME ALIGNMENT THAT IS PERPENDICULAR OR RADIAL TO THE LOWER GRADE BREAK IS NOT REQUIRED ON SLOPES LESS THAN 5%.
 - THE DETECTABLE WARNING SURFACE SHALL BE THE COLOR SPECIFIED IN THE CONTRACT DOCUMENTS AND SHALL MEET THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS. DETECTABLE WARNING SURFACES SHALL VISUALLY CONTRAST WITH ADJACENT GUTTER, STREET OR HIGHWAY, OR PEDESTRIAN ACCESS ROUTE SURFACE AS EITHER LIGHT-ON-DARK OR DARK-ON-LIGHT.

NOTE:
DETAILS SHOWN ARE FROM NYS DOT US CUSTOMARY STANDARD SHEETS CURRENT EDITION AS OF MARCH 2023.

PROJECT

Syracuse Regional Airport Authority
1000 Col Eiken Collins Blvd
Syracuse, New York 13212

PROJECT MANAGEMENT & PLANNING

Landrum & Brown
110 Wilmam St., 20th Fl.
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ARCHITECT

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TYLin
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New York, NY 10005

ACCOUNTING

Currie & Brown
12 East 40th Street, 11th Fl.
New York, NY 10017

LIGHTING DESIGN

Cline Bettridge Bernstein
116 East 27th Street, 4th Fl.
New York, NY 10016

SIGNAGE

Airspace
41 Flatbush Ave.
Brooklyn, NY 11217

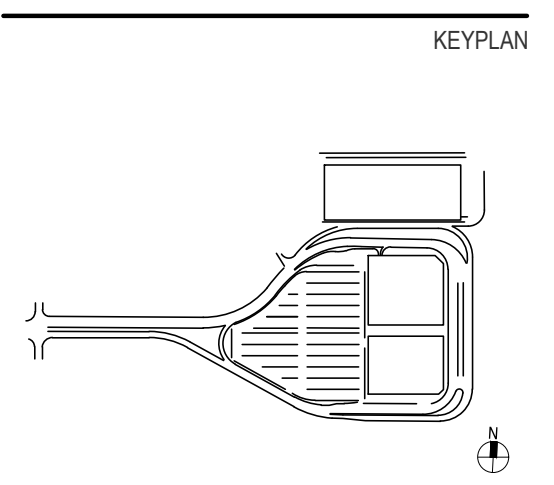
LANDSCAPE

EDR
217 Montgomery St., Suite 1100
Syracuse, NY 13202

MEPP

PDG
555 Fenwick Drive
Penfield, NY 14528

PRELIMINARY NOT-FOR CONSTRUCTION 07/28/23



ISSUE CHART

Revised Number	Revision Date

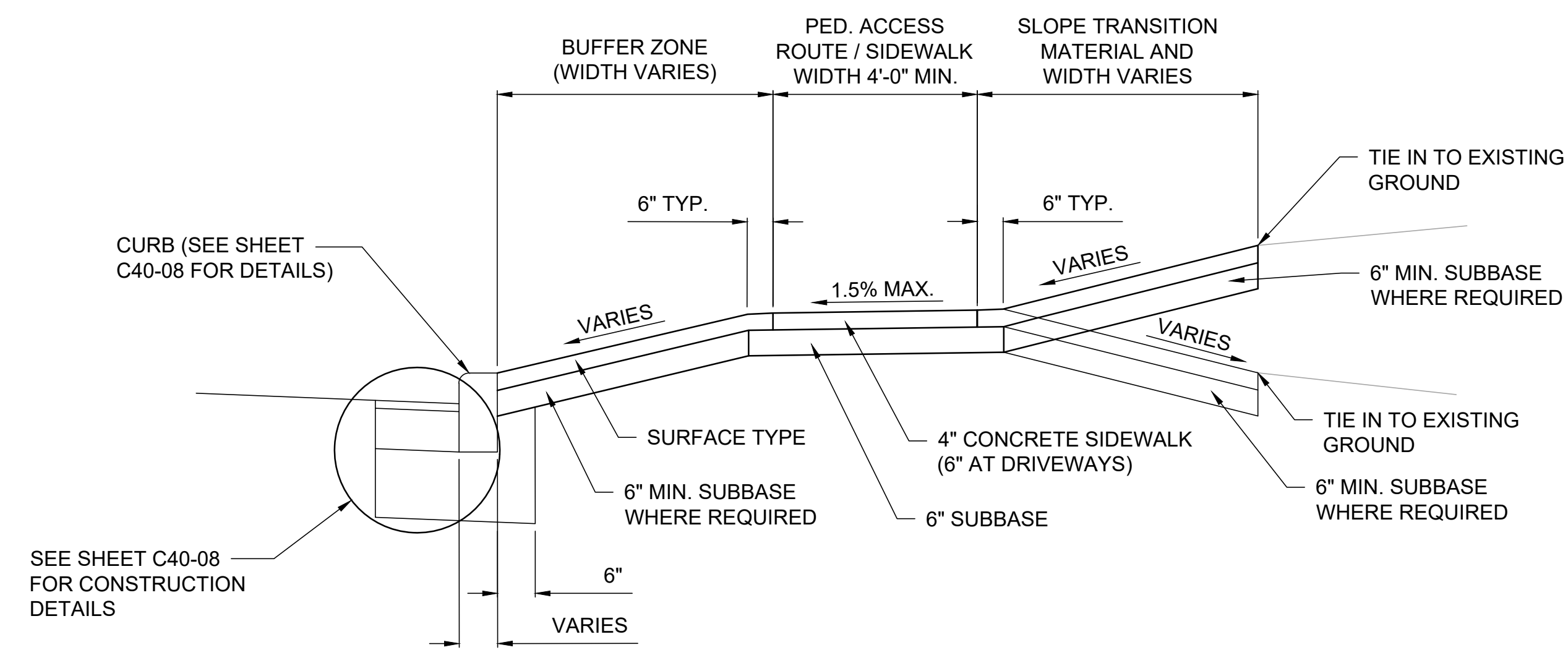
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Date: 07/28/23	Project Manager: MLB
Drawn By: ACD	Checked By: MLB
Job Number: 220450.00	TITLE

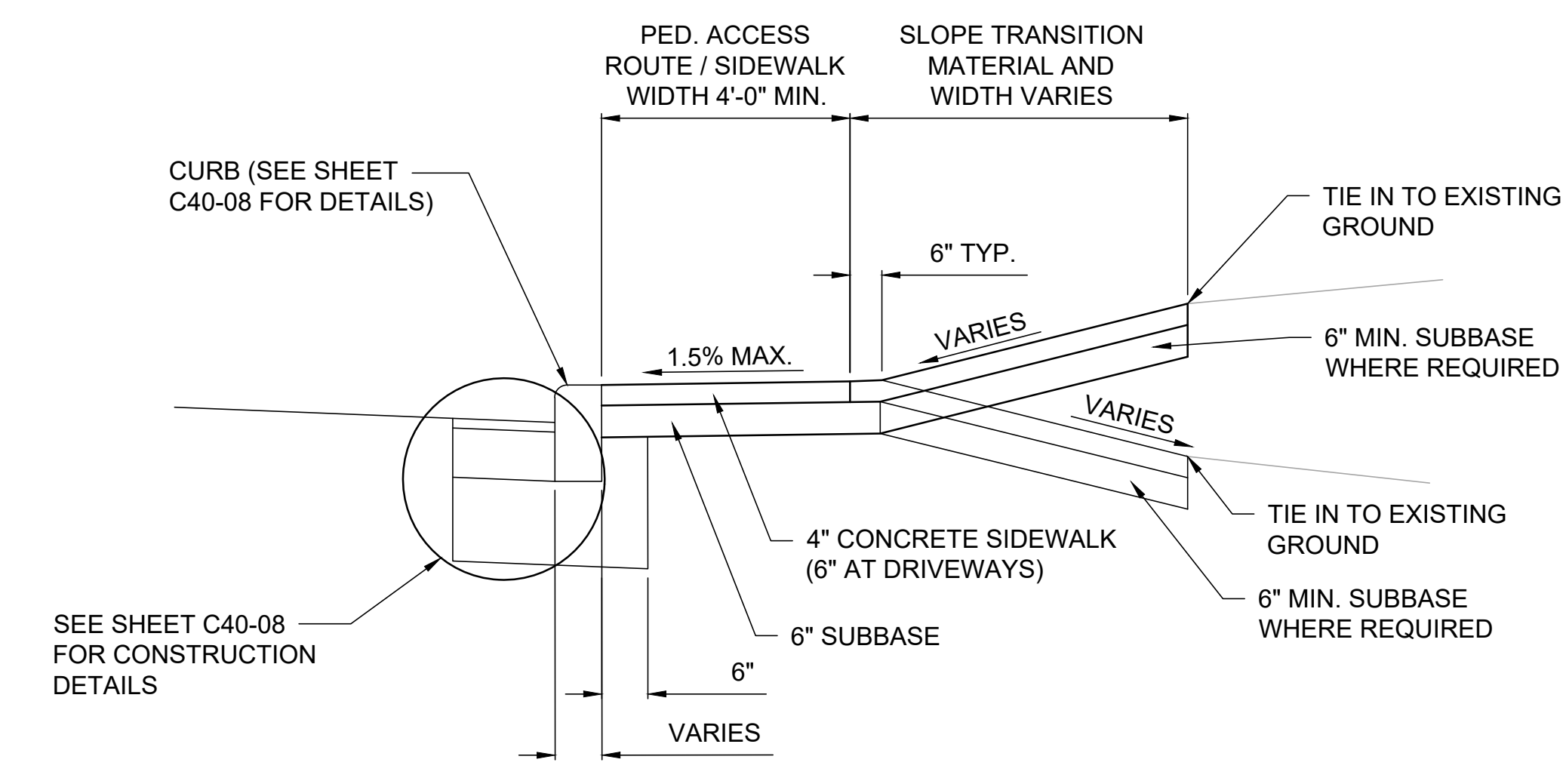
DRAINAGE, PAVEMENT, AND SITE DETAILS - SHEET 4

SHEET NUMBER
C40-04

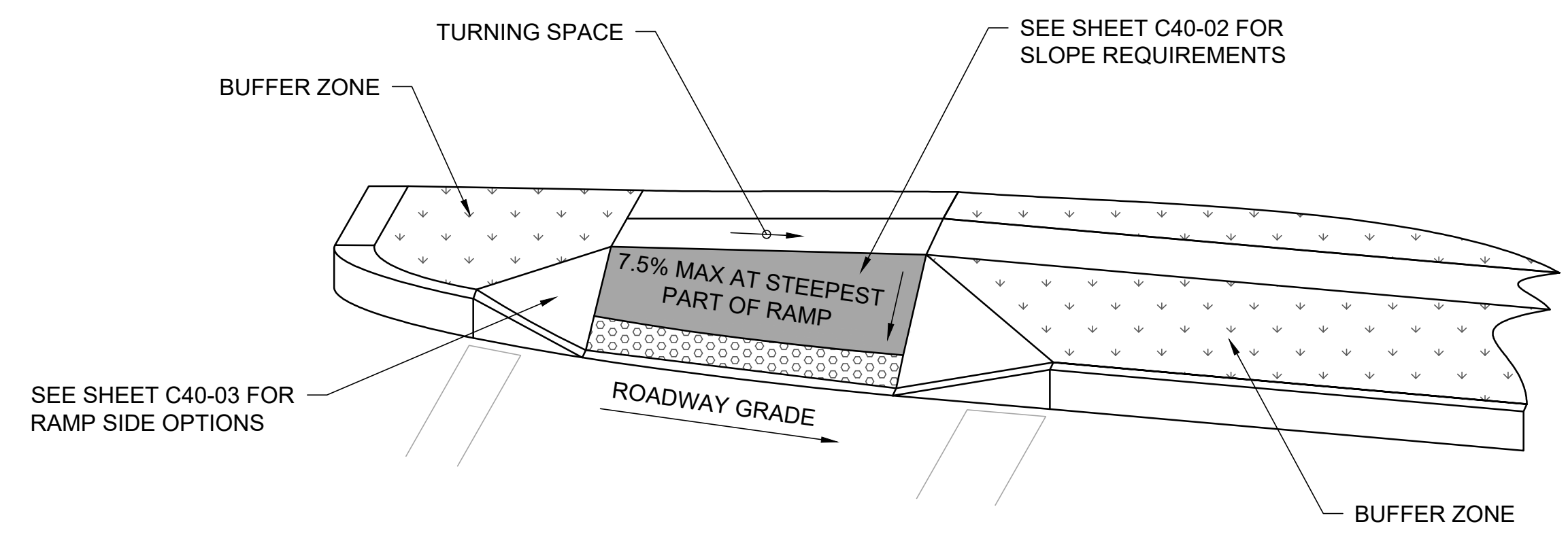
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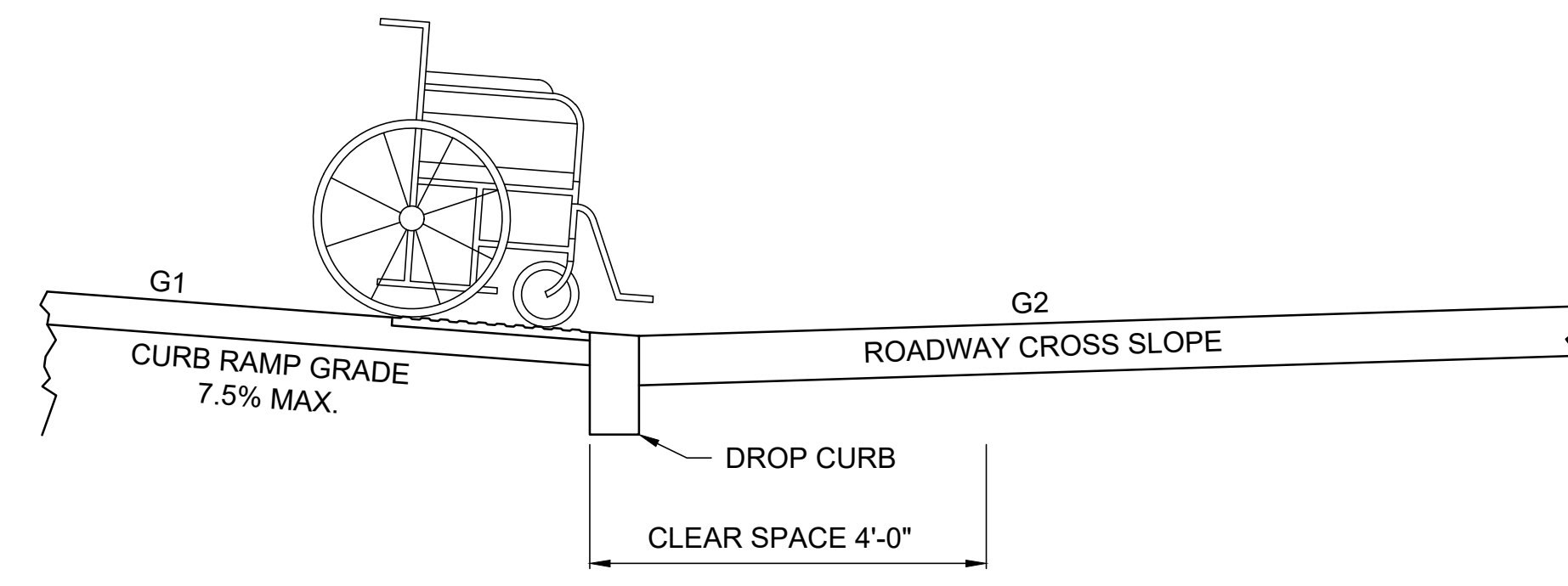
TYPICAL SIDEWALK CROSS SECTION CURBED WITH BUFFER ZONE



TYPICAL SIDEWALK CROSS SECTION CURBED WITHOUT BUFFER ZONE

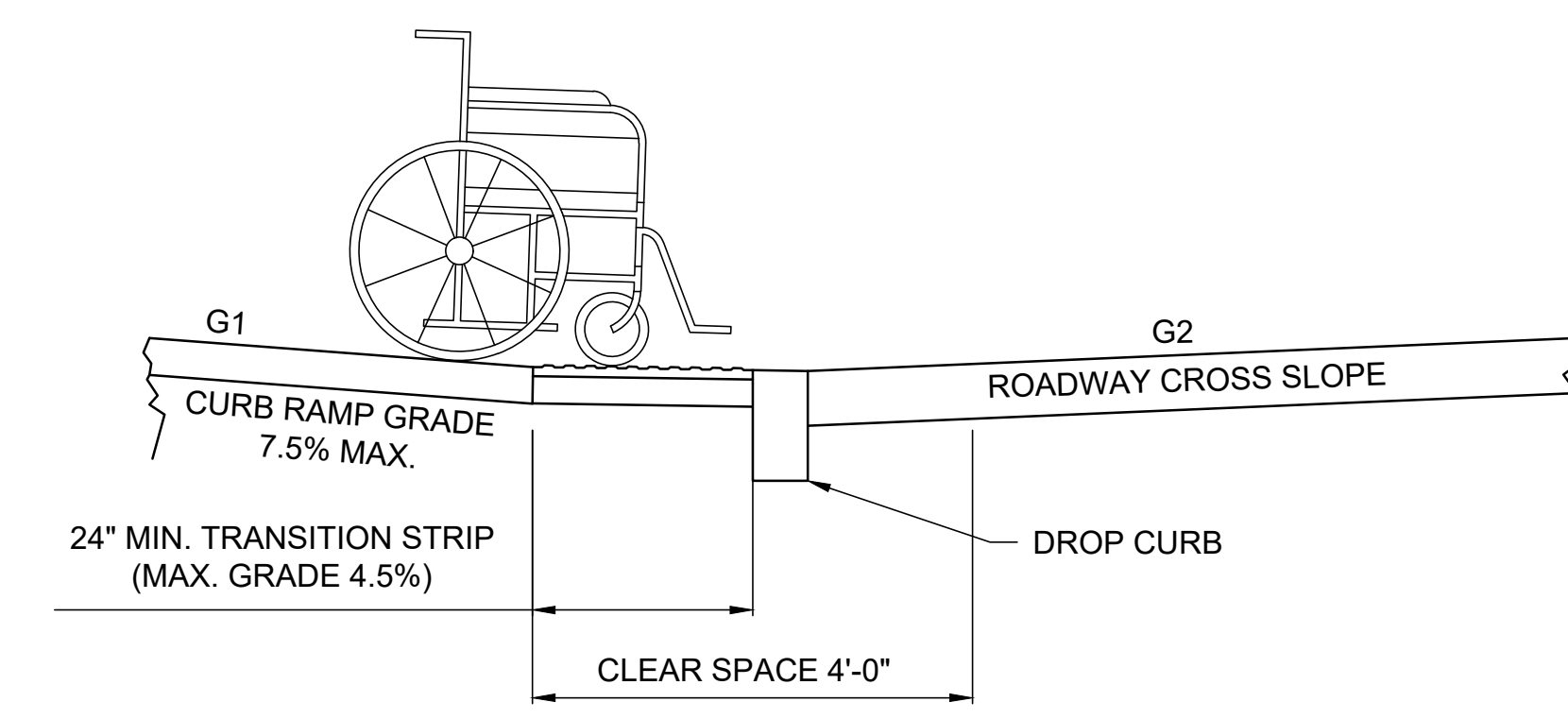


CURB RAMP CROSS SLOPE TRANSITION



COUNTER SLOPE CONDITION 1

$A = |G2 - G1|$
ALGEBRAIC DIFFERENCE BETWEEN ROADWAY CROSS SLOPE AND CURB RAMP GRADE IS LESS THAN 12.5%



COUNTER SLOPE CONDITION 2

$A = |G2 - G1|$
ALGEBRAIC DIFFERENCE BETWEEN ROADWAY CROSS SLOPE AND CURB RAMP GRADE IS LESS THAN 12.5%.
TRANSITION STRIP REQUIRED (MAX. GRADE 4.5%)

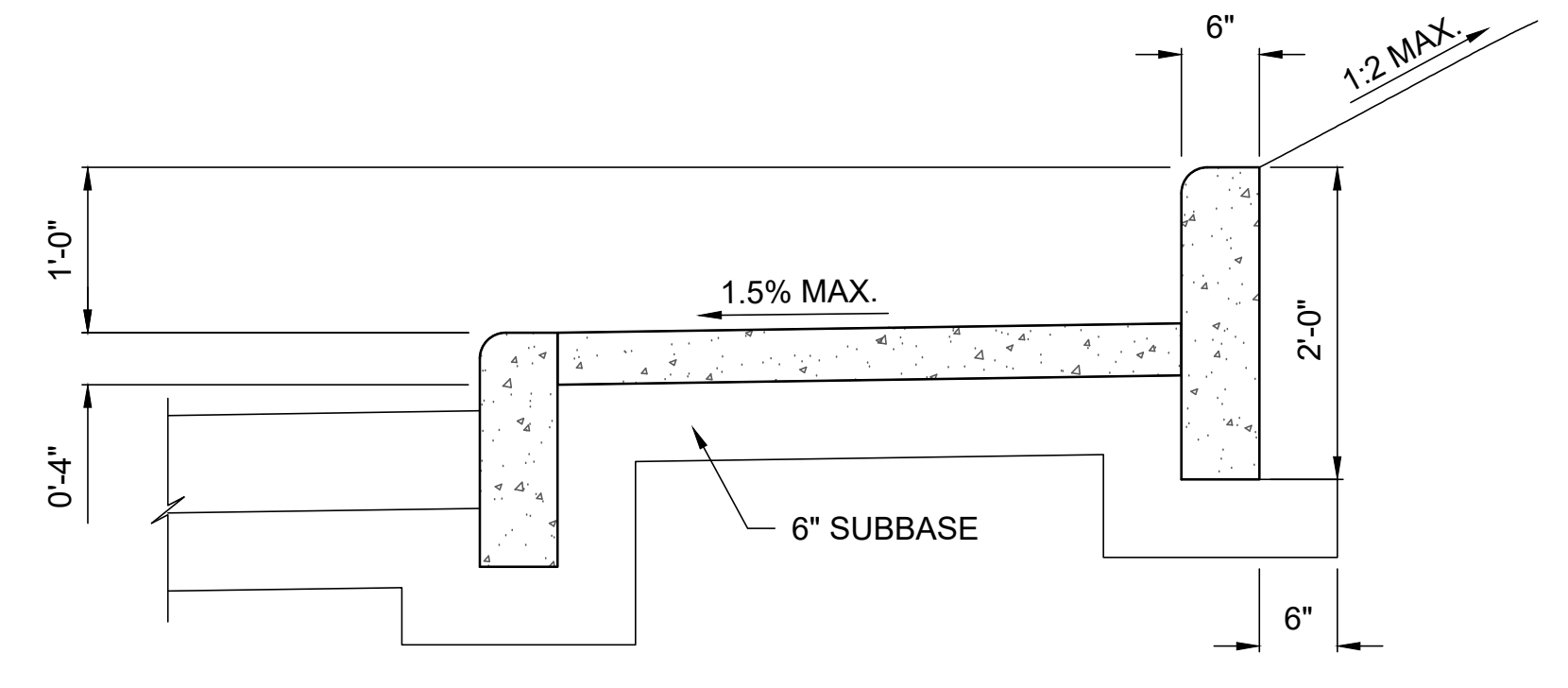
CRITICAL ELEMENTS FOR THE DESIGN, LAYOUT, AND ACCEPTANCE OF PEDESTRIAN FACILITIES EXISTING CURB RAMP TO REMAIN ON 1R PROJECTS (1991 ADAAG STANDARDS)

ELEMENT	LIMITS REQUIRED TO RETAIN EXISTING CURB RAMP (SEE NOTE 1)	INSPECTION METHODS (SEE SHEET C40-02 FOR NOTE NO.)
CURB RAMPS		
CLEAR WIDTH	36" MIN.	12
FLARE SLOPE FOR RAMP OUTSIDE A PEDESTRIAN CIRCULATION PATH	10% MAX.	10
FLARE SLOPE/EDGE FOR RAMP OUTSIDE A PEDESTRIAN CIRCULATION PATH	NO MAX. SLOPE; MAY BE CURBED	-
CROSS SLOPE AT INTERSECTION CROSSING WITH YIELD OR STOP CONTROL	2% MAX.	10
CROSS SLOPE AT INTERSECTION CROSSING WITHOUT YIELD OR STOP CONTROL (INCLUDING ANY SIGNAL BUT FLASHING RED)	HIGHWAY GRADE IS MAX. (SEE NOTE 3)	10
GRADE (RUNNING SLOPE)	8.33% MAX.	9
GRADE (RUNNING SLOPE), IF SPACE IS LIMITED	10% FOR 6" RISE	9
CLEAR SPACE FOR DIAGONAL RAMPS	48" X 48" MIN.	12, 13
GRATING SPACES (IN WALKING SURFACES)	0.5" MAX.	15
VERTICAL CHANGES	0.5" MAX., WITH 1:2 MAX. BEVEL BETWEEN 0.25" AND 0.5" HIGH	14

NOTES:

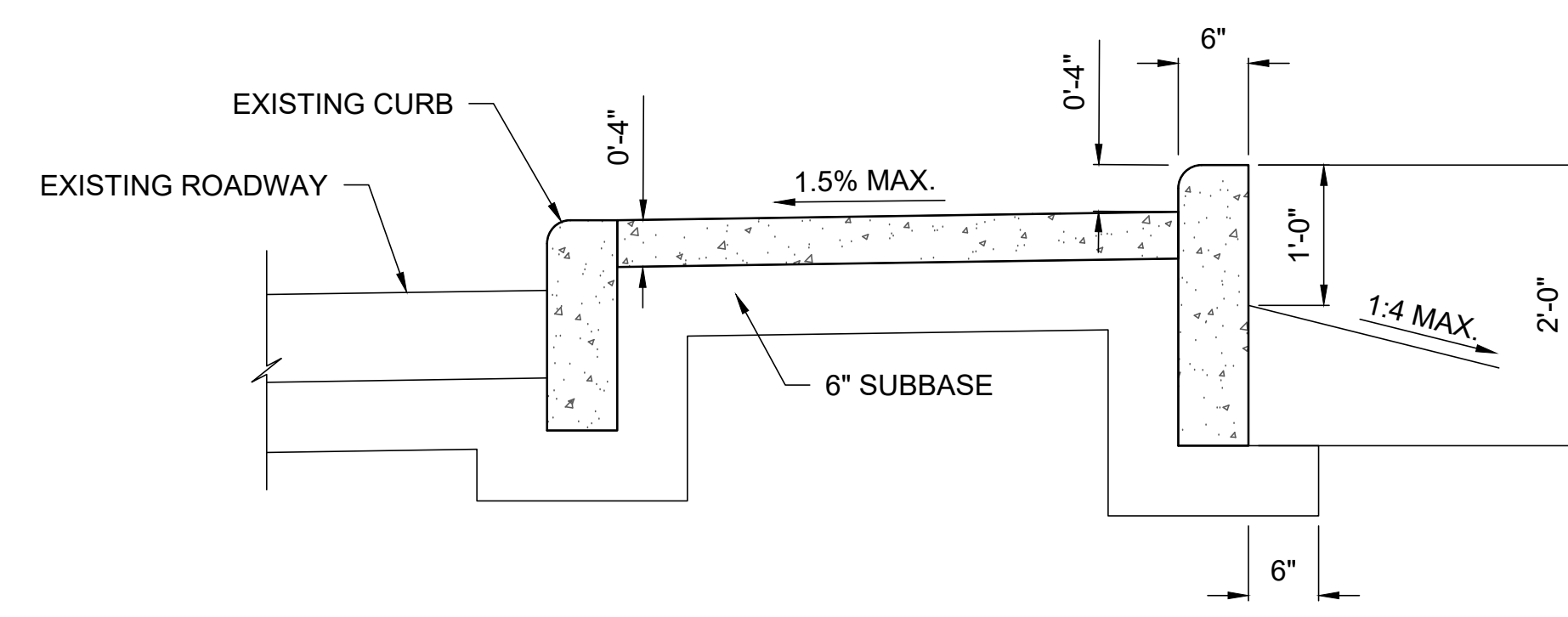
- PEDESTRIAN FACILITIES MUST MEET THE VALUES SHOWN ON THE APPLICABLE TABLE, OR BE JUSTIFIED AS NONSTANDARD FEATURES USING EXHIBIT 2-15A FROM THE NYS DOT HIGHWAY DESIGN MANUAL, CHAPTER 2.
- ON 1R PROJECTS, CURB RAMPS BUILT PRIOR TO MARCH 15, 2012 DO NOT NEED TO BE REPLACED OR MODIFIED TO MEET CURRENT (PROWAG) STANDARDS IF THEY COMPLY WITH THE CURB RAMP REQUIREMENTS IN THE 1991 ADAAG STANDARDS.
- THE MAXIMUM CROSS SLOPES FOR ANY PART OF AN ACCESSIBLE ROUTE IN THE 1991 ADAAG STANDARDS IS 2%, EXCLUDING CURB RAMP CROSS SLOPES AT INTERSECTIONS WITHOUT YIELD OR STOP CONTROL, WHICH ARE PERMITTED TO MATCH THE HIGHWAY GRADE.

NOTE:
DETAILS SHOWN ARE FROM NYS DOT US CUSTOMARY STANDARD SHEETS CURRENT EDITION AS OF MARCH 2023.



BACK OF CURB DETAIL

FOR USE IN CUT SECTIONS WITH LIMITED RIGHT-OF-WAY OR STEEP SLOPES



BACK OF CURB DETAIL

FOR USE IN FILL SECTIONS WITH LIMITED RIGHT-OF-WAY

PROJECT

SYRACUSE HANCOCK INTERNATIONAL AIRPORT

Landside Design Study - ConRAC
1000 Col Eiken Collins Blvd
Syracuse, New York 13212

Syracuse Regional Airport Authority
1000 Col Eiken Collins Blvd
Syracuse, New York 13212

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Syracuse, NY 13202

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PDG
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Perth Amboy, NJ 08861

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KEYPLAN

ISSUE CHART

Revised Number	Revised Date

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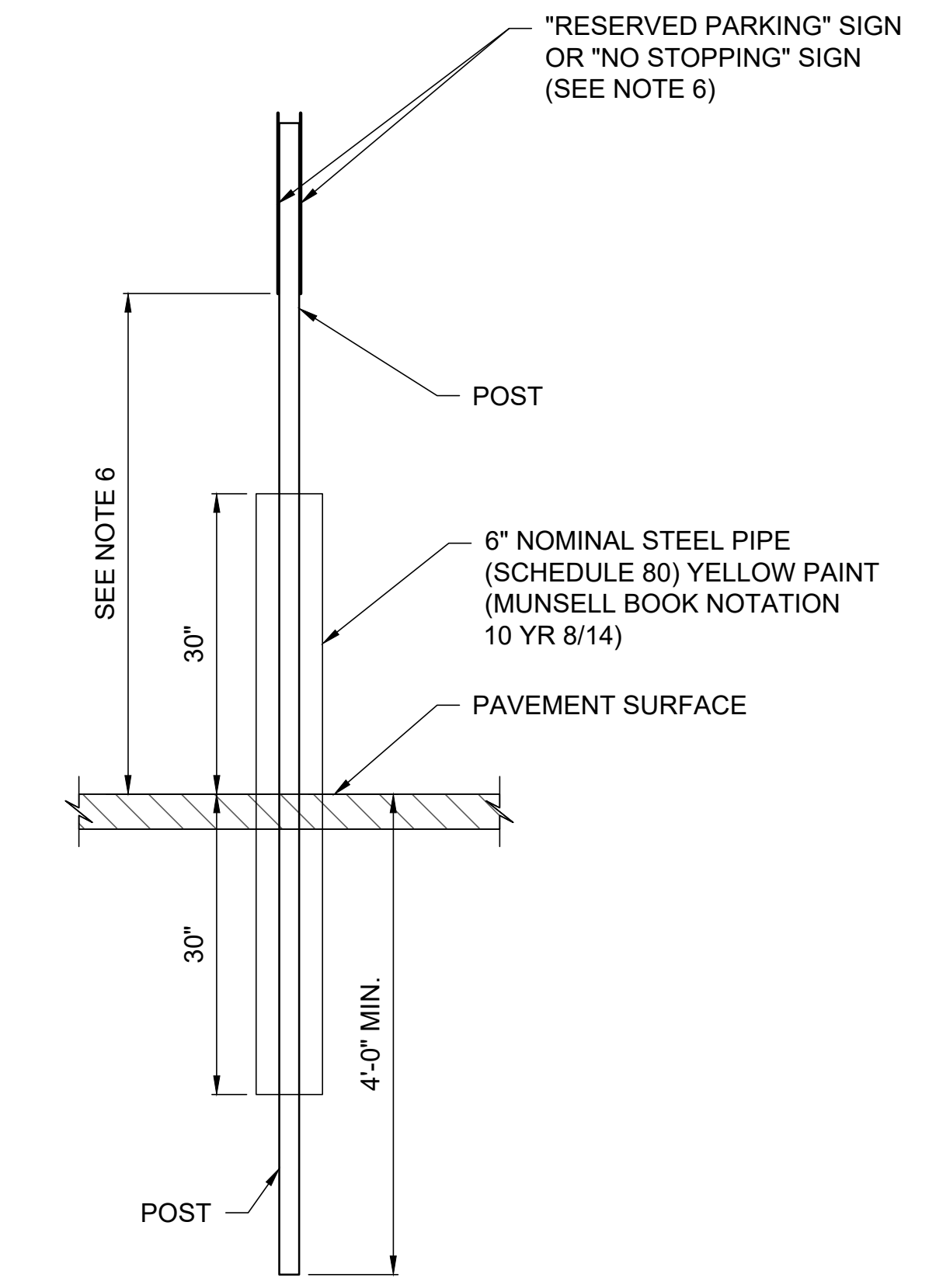
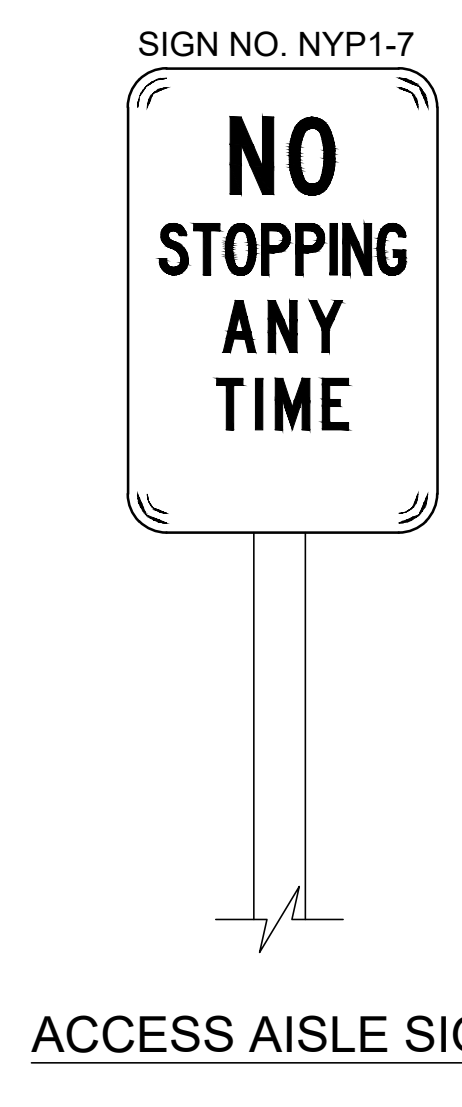
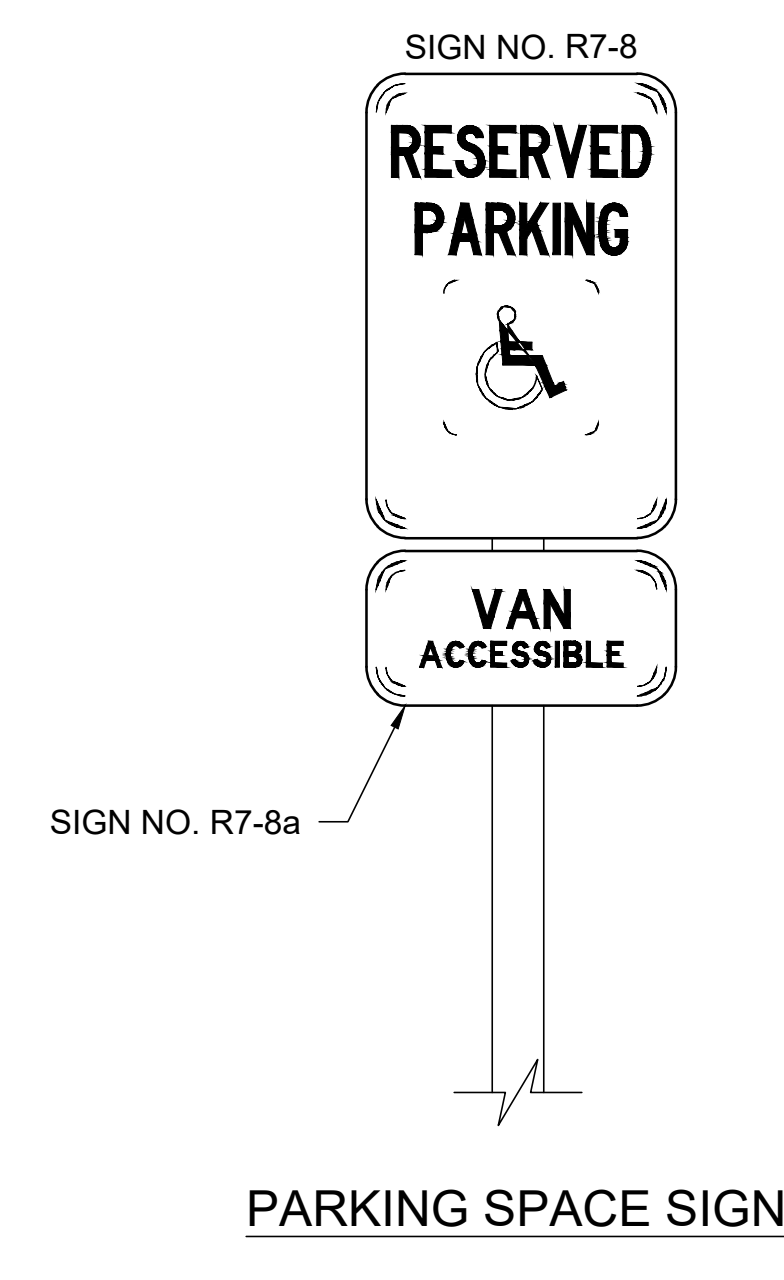
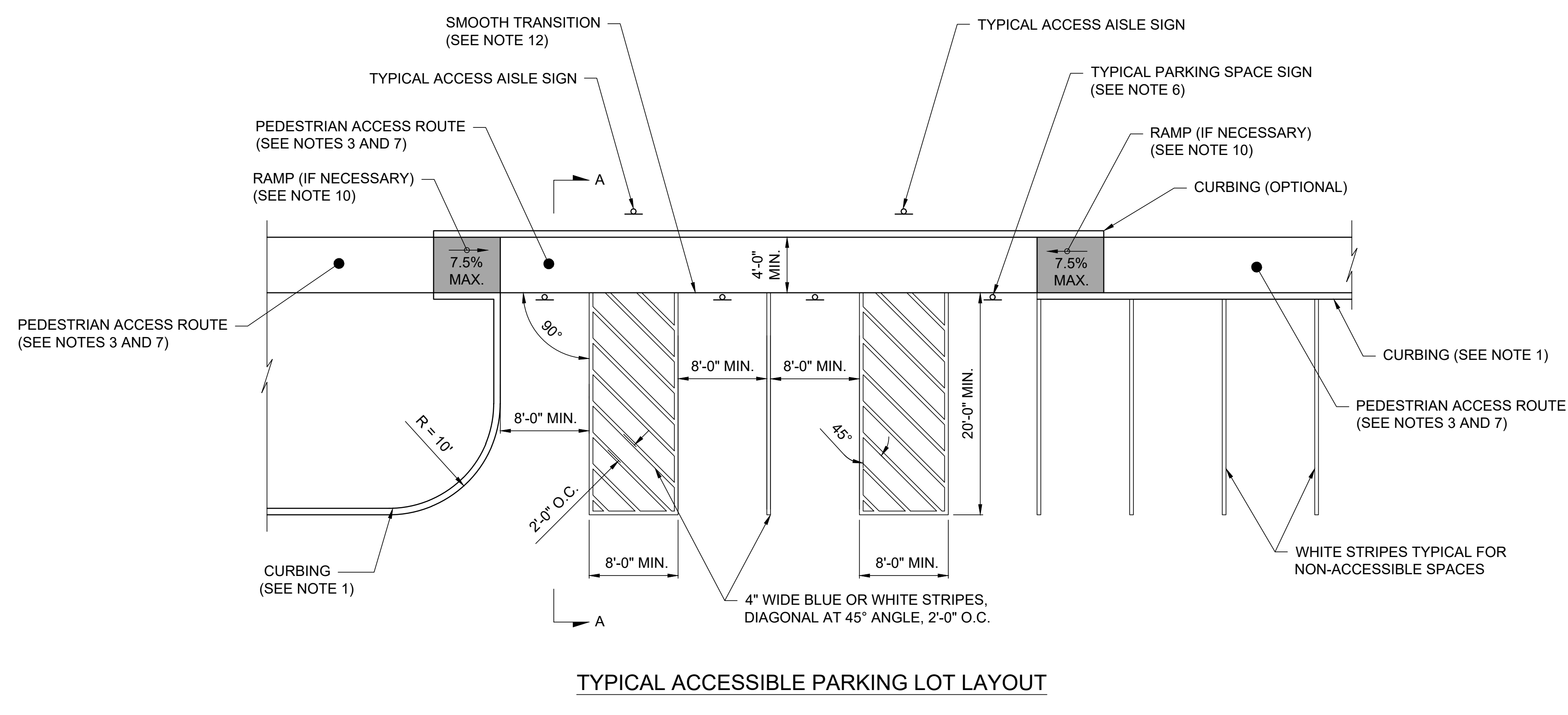
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Drawn By: ACP Checked By: MJB
Job Number: 220450.00 TITLE

DRAINAGE, PAVEMENT, AND SITE DETAILS - SHEET 5

SHEET NUMBER

C40-05

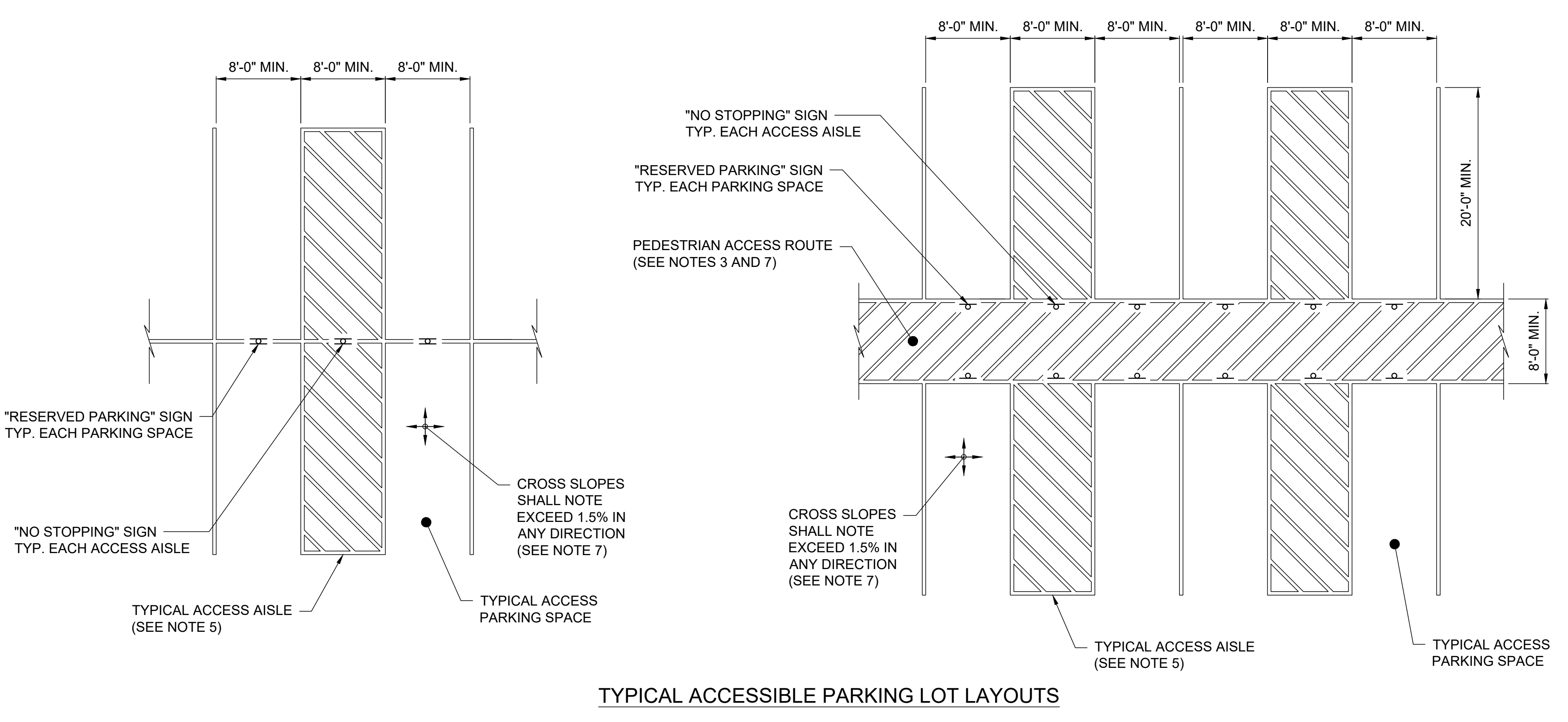
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PARKING SPACE SIGN

ACCESS AISLE SIGN

POST BASE DETAIL



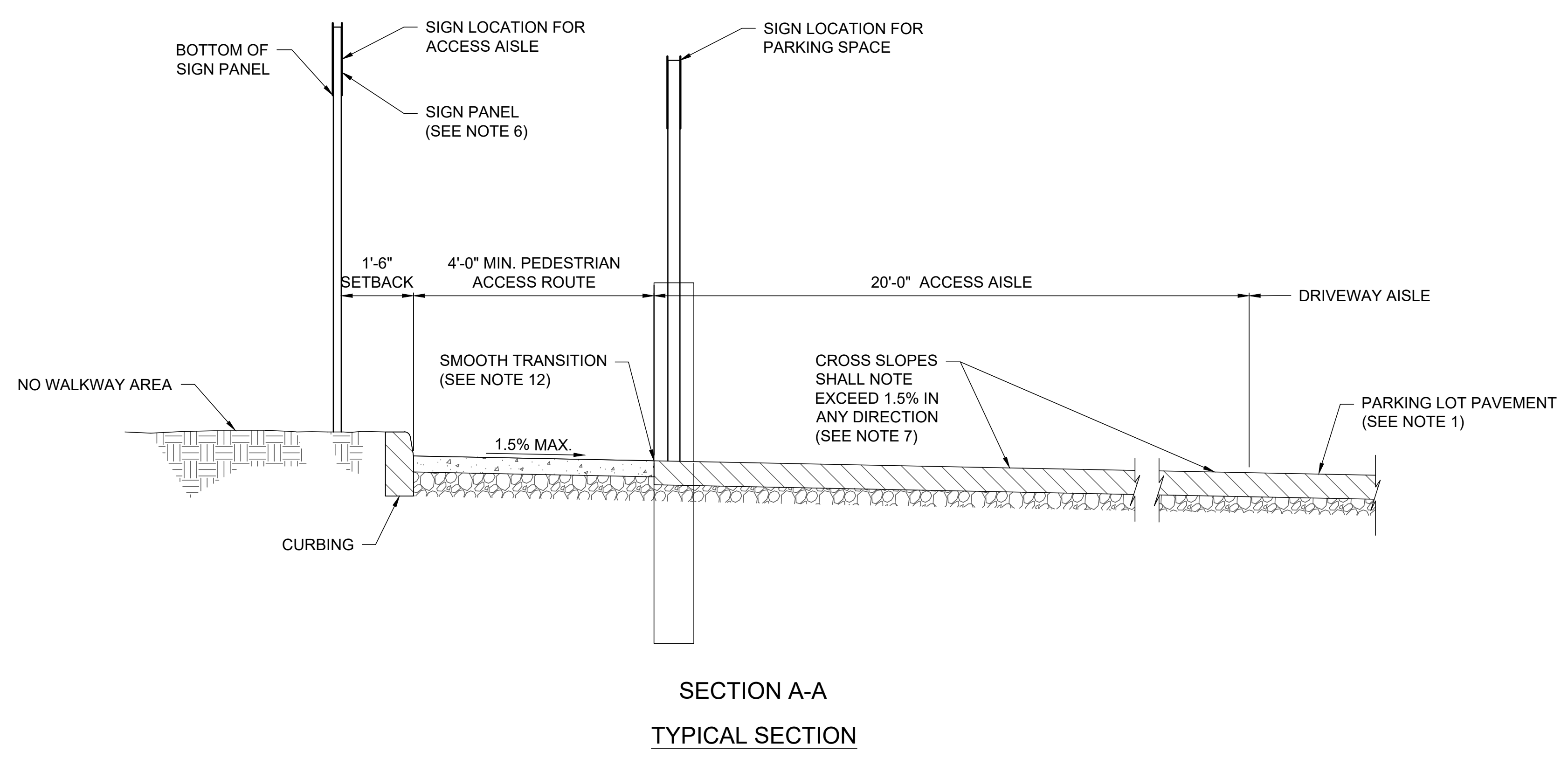
TYPICAL ACCESSIBLE PARKING LOT LAYOUTS

NOTES:

- THIS SHEET IS INTENDED TO DEPICT THE DIMENSIONAL REQUIREMENTS OF TYPICAL ACCESSIBLE PARKING LOT SPACES. THE SIDEWALK, CURBING, AND PAVEMENT MATERIALS SHALL BE AS SPECIFIED ELSEWHERE IN THE CONTRACT DOCUMENTS.
- MINIMUM NUMBER OF ACCESSIBLE SPACES:

TOTAL SPACES IN LOT	MINIMUM NUMBER OF ACCESSIBLE SPACES	TOTAL SPACES IN LOT	MINIMUM NUMBER OF ACCESSIBLE SPACES
1 TO 25	1	201 TO 300	7
26 TO 50	2	301 TO 400	8
51 TO 75	3	401 TO 500	9
76 TO 100	4	501 TO 1,000	2% OF TOTAL
101 TO 150	5	1,001 AND OVER	20, PLUS ONE FOR EACH ADDITIONAL 100, OR FRACTION THEREOF, OVER 1,000
151 TO 200	6		

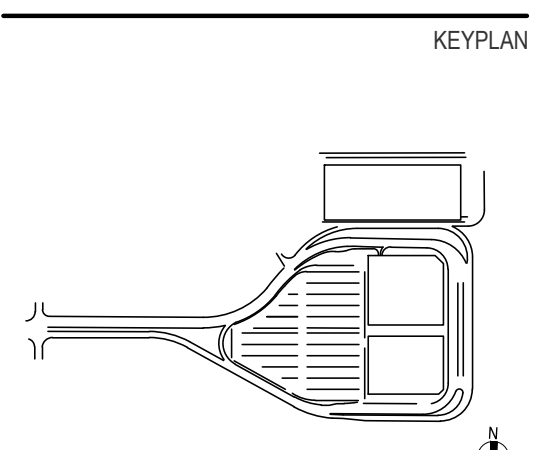
- EXCEPTION - PARKING AREAS ON THE PREMISES OF, OR IMMEDIATELY ADJACENT TO, MEDICAL SERVICE FACILITIES PROVIDING TREATMENT FOR MOBILITY IMPAIRED PERSONS AND OTHER SIMILAR LOCATIONS MAY REQUIRE A GREATER NUMBER OF ACCESSIBLE PARKING SPACES THAN INDICATED ABOVE. REFER TO THE APPLICABLE ACCESSIBILITY STANDARD.
- LOCATION - PARKING SPACES FOR USE BY PERSONS WITH DISABILITIES SHALL BE IN THE SPACES CLOSEST TO THE NEAREST ACCESSIBLE BUILDING OR FACILITY ENTRANCE ON AN ACCESSIBLE ROUTE.
- DIMENSIONS - ACCESSIBLE PARKING SPACES SHALL BE AT LEAST 8'-0" WIDE AND SHALL HAVE AN ADJACENT ACCESS AISLE 8'-0" WIDE MEASURED PERPENDICULAR TO THE STALL STRIPE TO ACCOMMODATE VANS WITH LIFTS.
- COMMON ACCESS AISLES FOR 90° PARKING - TWO ACCESSIBLE PARKING SPACES MAY SHARE A COMMON ACCESS AISLE. FOR ACUTE ANGLE PARKING, SUCH AS 60° PARKING, OR WHERE ONE WAY DRIVEWAY AISLES WOULD PREVENT VANS WITH PASSENGER SIDE LIFTS FROM BACKING IN TO ACCESSIBLE SPACES, AN ACCESSIBLE ACCESS AISLE MUST BE PROVIDED FOR EACH ACCESSIBLE PARKING SPACE. WIDTH OF ACCESS AISLES AND PARKING SPACES ARE MEASURED PERPENDICULAR TO THE STRIPING.
- SIGNING - EACH ACCESSIBLE PARKING SPACE SHALL BE MARKED BY PERMANENTLY INSTALLED GROUND MOUNTED SIGNS WHICH DISPLAY THE INTERNATIONAL SYMBOL FOR ACCESS. EACH ACCESS AISLE SHALL BE MARKED BY PERMANENTLY INSTALLED GROUND MOUNTED SIGNS INDICATING THAT STOPPING IS NOT PERMITTED IN THE AISLE. SIGNS SHALL NOT BLOCK THE ACCESSIBLE CLEAR WIDTH OF ADJACENT WALKWAYS. SIGNS LOCATED WHERE THEY MAY BE HIT BY VEHICLES BEING PARKED SHALL BE INSTALLED AS SHOWN IN THE POST BASE DETAIL. THE BOTTOMS OF THE SIGNS LOCATED ON POSTS INSTALLED IN PAVED AREAS SHALL BE 7'-0" MINIMUM ABOVE THE WALKWAY SURFACE. THE BOTTOMS OF SIGNED LOCATED IN AREAS SHALL BE LOCATED 7'-0" MINIMUM ABOVE THE PAVEMENT SURFACE.
- SURFACE SLOPES - SLOPES AT ACCESSIBLE PARKING SPACES, ACCESS AISLES, AND ADJOINING WALKWAYS SHALL NOT EXCEED 1.5% MAXIMUM IN ANY DIRECTION FOR DESIGN AND LAYOUT, AND 2% MAXIMUM FOR WORK ACCEPTANCE, WHILE PROVIDING POSITIVE DRAINAGE.
- OVERHEAD CLEARANCE - VEHICLE ACCESS ROUTES TO AND FROM ACCESSIBLE PARKING SPACES, INCLUDING IN GARAGES AND OPEN PARKING STRUCTURES, SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 8'-2".
- PAVEMENT MARKING COLORS - REQUIRED ACCESSIBLE PARKING SPACE AND ACCESS AISLE STRIPING AND OTHER OPTIONAL PAVEMENT MARKINGS, SUCH AS THE INTERNATIONAL ACCESS SYMBOL, SHALL BE PAINTED WHITE OR BLUE.
- REFER TO SHEET C40-02 FOR SIDEWALK AND CURB RAMP NOTES AND REQUIREMENTS. DETECTABLE WARNING SURFACES ARE NOT REQUIRED.
- A SMOOTH, FLUSH TRANSITION MUST BE PROVIDED BETWEEN ALL PEDESTRIAN WALKWAYS, ACCESSIBLE PARKING SPACES, AND ACCESS AISLES.
- WHERE A CHANGE IN DIRECTION IS REQUIRED TO UTILIZE A CURB RAMP, A TURNING SPACE OF 4'-0" X 4'-0" MINIMUM DIMENSIONS SHALL BE PROVIDED AT THE BASE OR TOP OF CURB RAMP, AS APPLICABLE. THE CROSS SLOPE OF THE TURNING SPACES SHALL NOT EXCEED 1.5% ANY DIRECTION FOR DESIGN AND LAYOUT, AND SHALL NOT EXCEED 2% FOR WORK ACCEPTANCE, WHILE PROVIDING POSITIVE DRAINAGE.



SECTION A-A
TYPICAL SECTION

NOTE:
DETAILS SHOWN ARE FROM NYSDOT US CUSTOMARY STANDARD SHEETS CURRENT EDITION AS OF MARCH 2023.

PRELIMINARY NOT-FOR CONSTRUCTION 07/28/23



ISSUE CHART

Number	Revision	Revision Date

Scale: AS NOTED

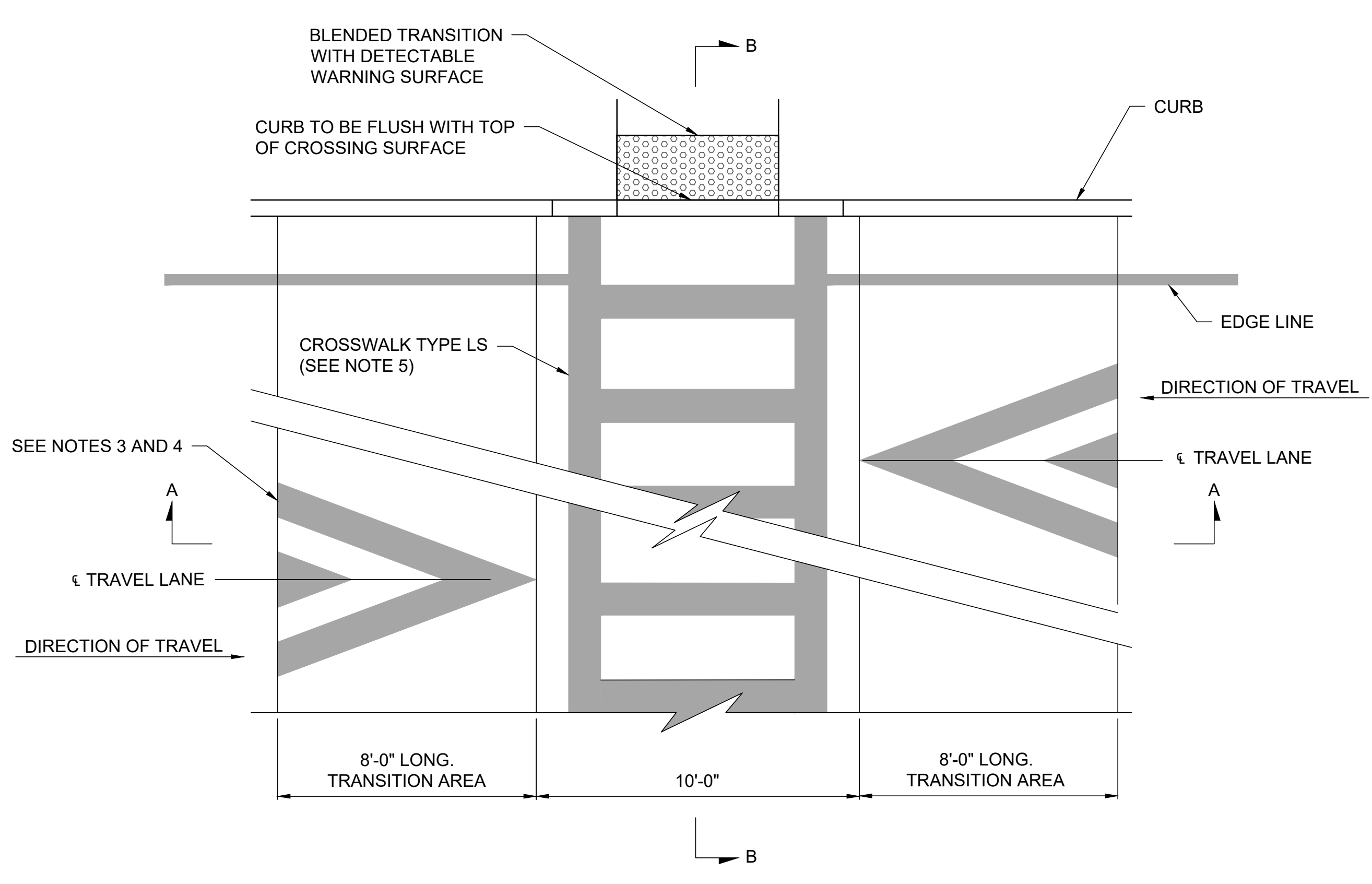
Date	Project Manager
07/28/23	MLB
Drawn By	Checked By
ACD	MLB
Job Number	Title
220450.00	

DRAINAGE, PAVEMENT, AND SITE DETAILS - SHEET 6

SHEET NUMBER
C40-06

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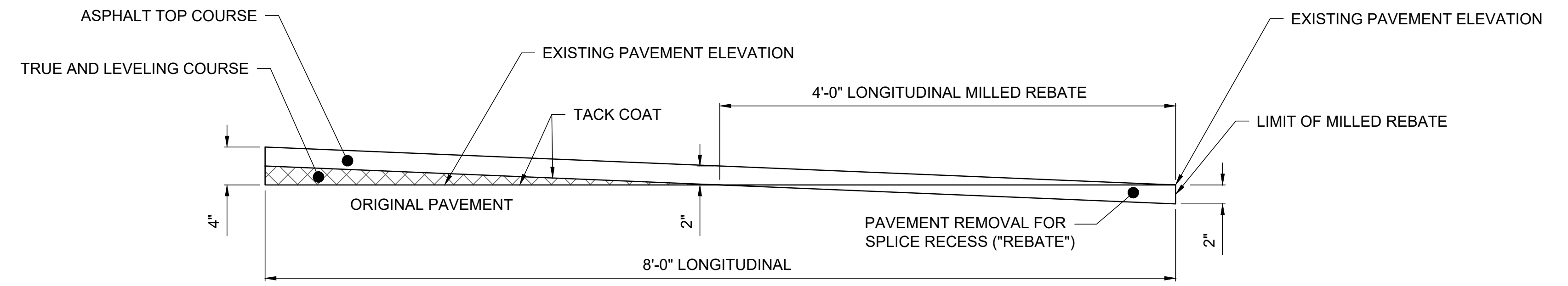


CROSSWALK PLAN VIEW WITHOUT OPTIONAL DRAINAGE TREATMENT

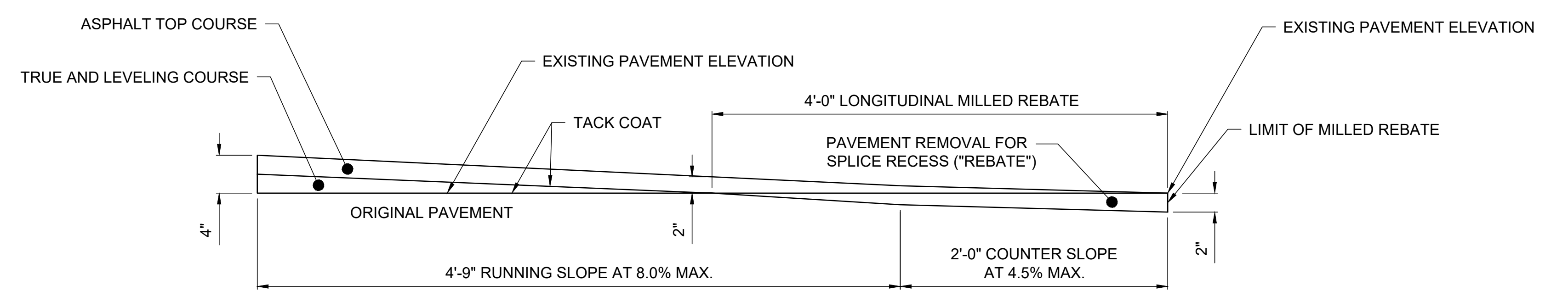
NOTES:

1. RAISED CROSSWALK REQUIRES STORM WATER TO BE COLLECTED AND CONVEYED TO AN APPROPRIATE LOCATION.
2. ALL SURFACES OF THE MILLED TRANSITION AREA SHALL BE CLEANED. TACK COAT SHALL BE APPLIED PRIOR TO ASPHALT PLACEMENT. THE COST OF MILLING REBATES AND TACK COAT IN THE ASPHALT OVERLAY SPLICE TRANSITION AREA SHALL BE PAID FOR UNDER THEIR RESPECTIVE ITEMS. THE COST OF LEAVING A NEAT EDGE SHALL BE INCLUDED IN THE MILLING ITEM.
3. SEE SHEETS C60-01 TO C60-03 FOR SIGNING AND PAVEMENT MARKING DETAILS.
4. SIGNING AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE MUTCD.
5. FOR CONTRAST OR AESTHETICS, A TYPE S CROSSWALK PAVEMENT MARKING MAY BE USED WITH A COLORED OR TEXTURED CROSSWALK SURFACE.

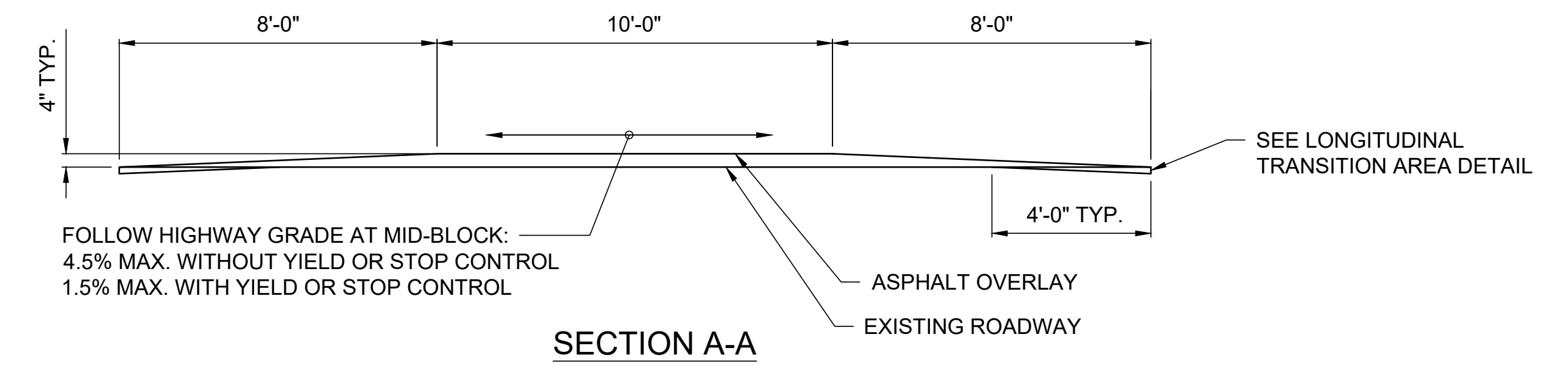
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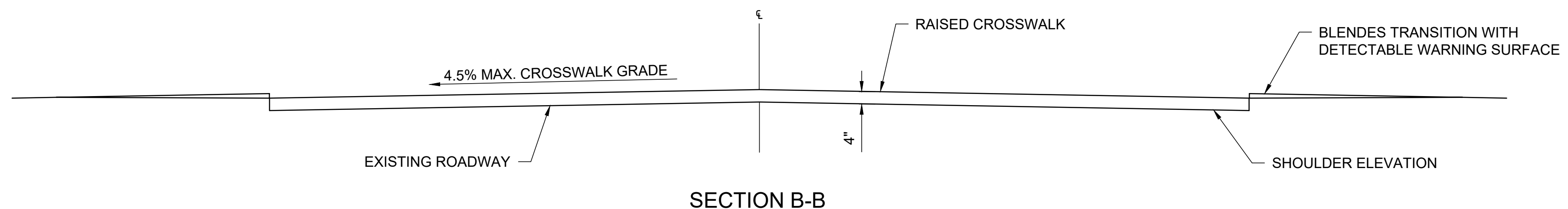
LONGITUDINAL TRANSITION AREA - ASPHALT OVERLAY SPLICE



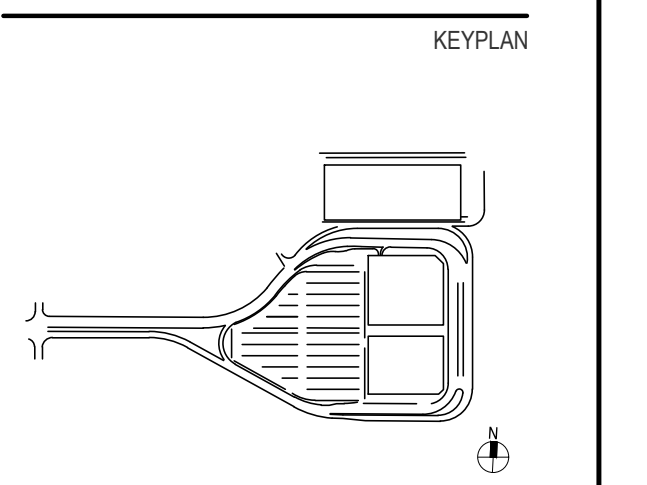
TRANSVERSE TRANSITION AREA - ASPHALT OVERLAY SPLICE
SEE NOTE 2



SECTION A-A



SECTION B-B



ISSUE CHART

Revision Number	Revision Date

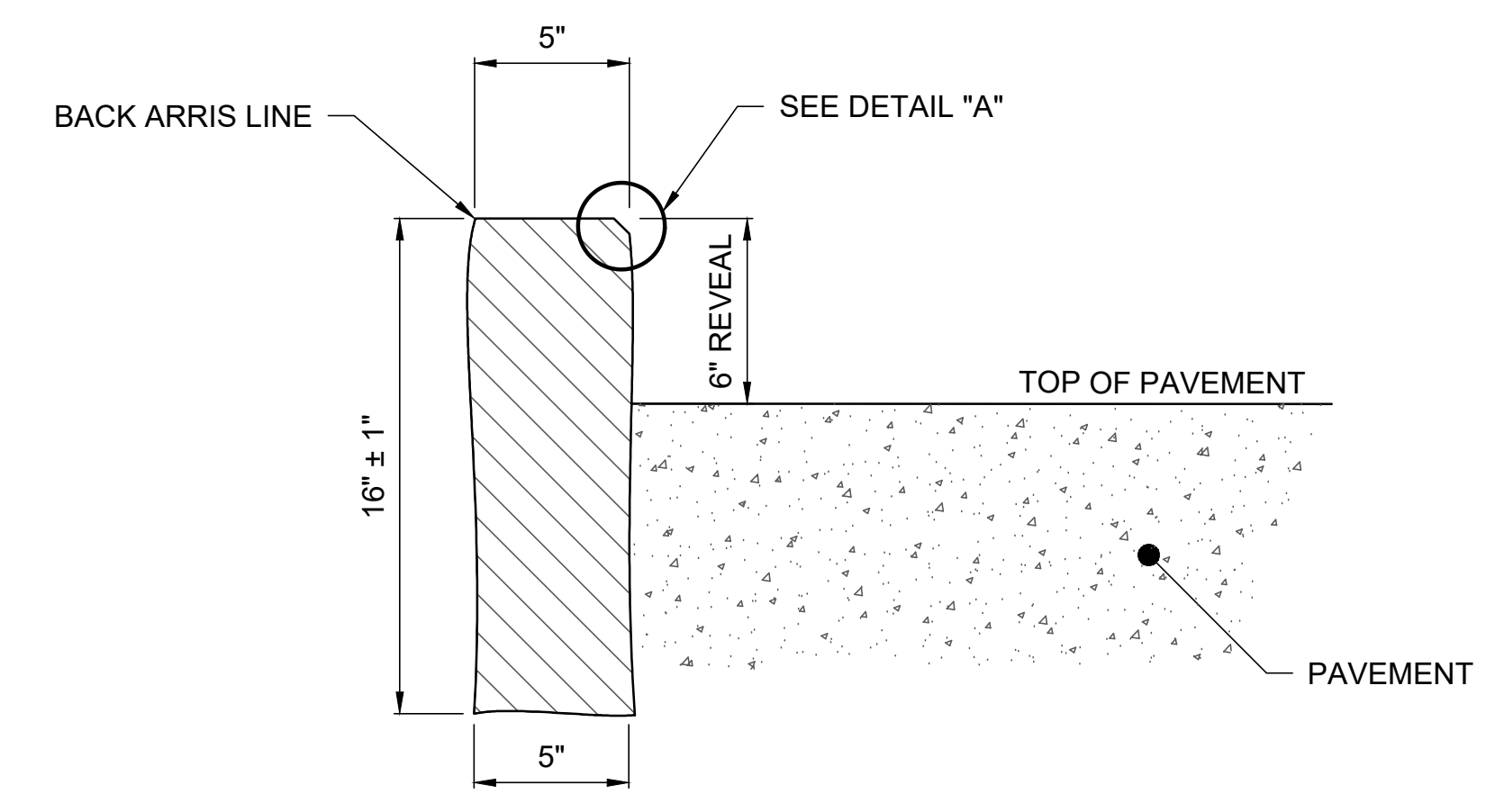
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Date: 07/28/23	Project Manager: MLB
Drawn By: ACP	Checked By: MLB
Job Number: 220450.00	Title:

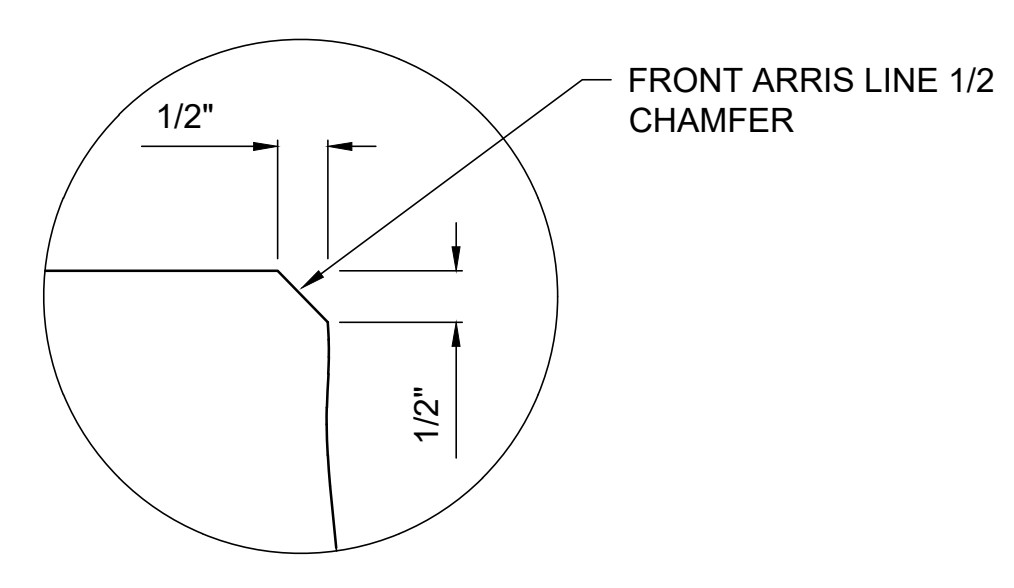
DRAINAGE, PAVEMENT, AND SITE DETAILS - SHEET 7

SHEET NUMBER
C40-07

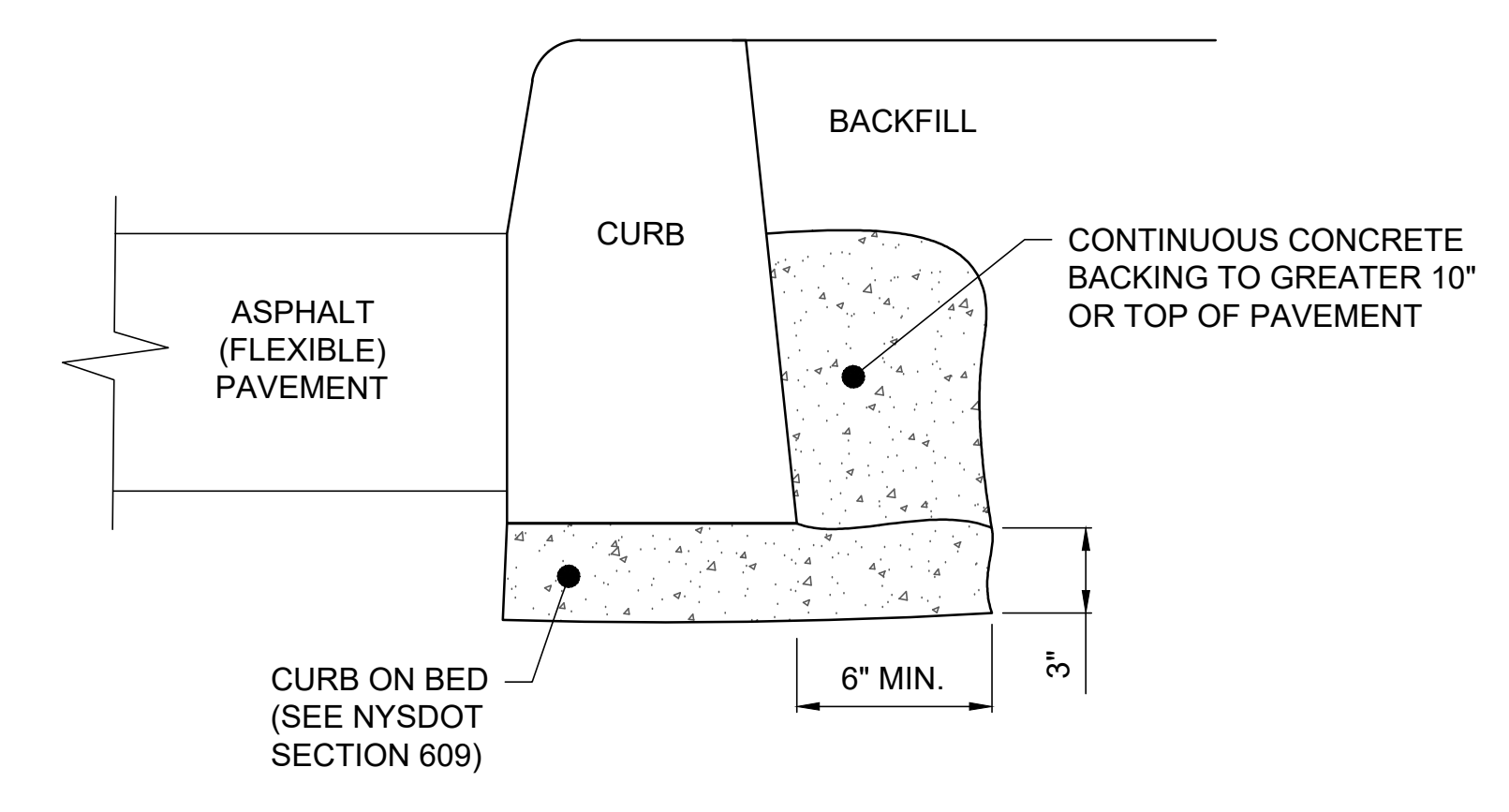
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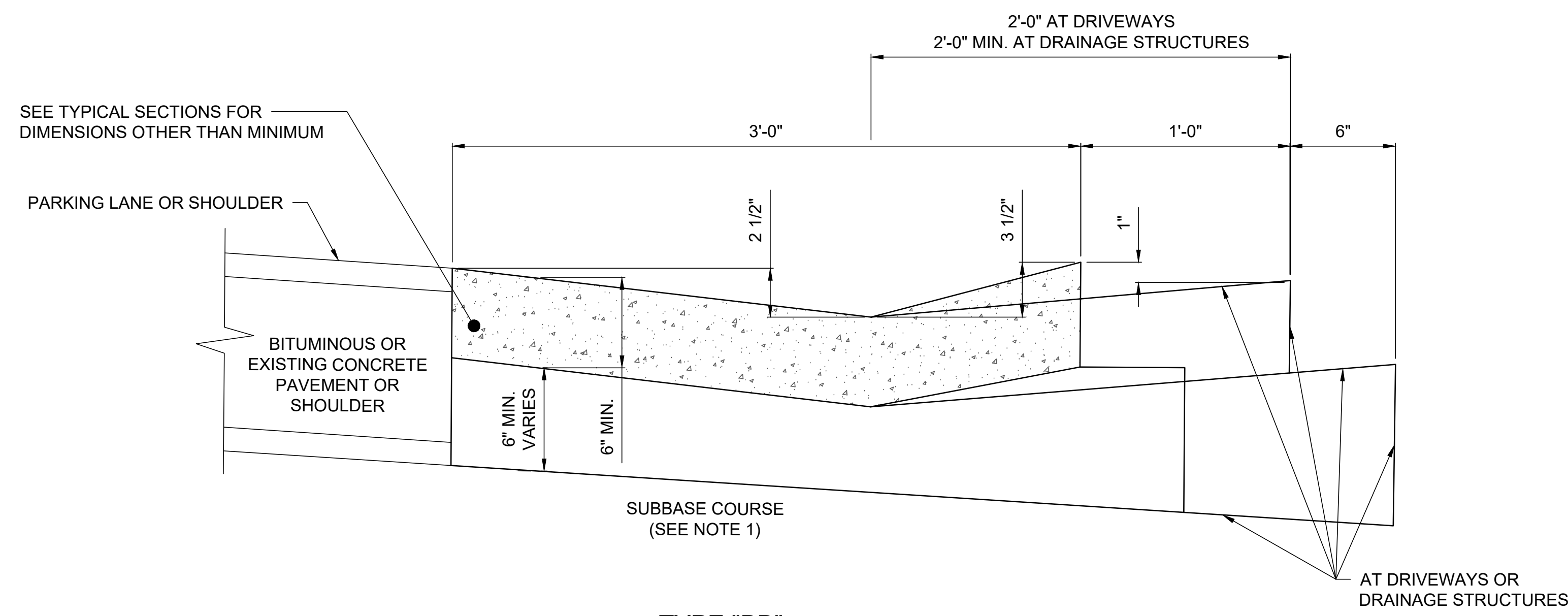
NEAR VERTICAL FACE (NVF) CURB
 SAWED FINISH TOP



DETAIL "A"



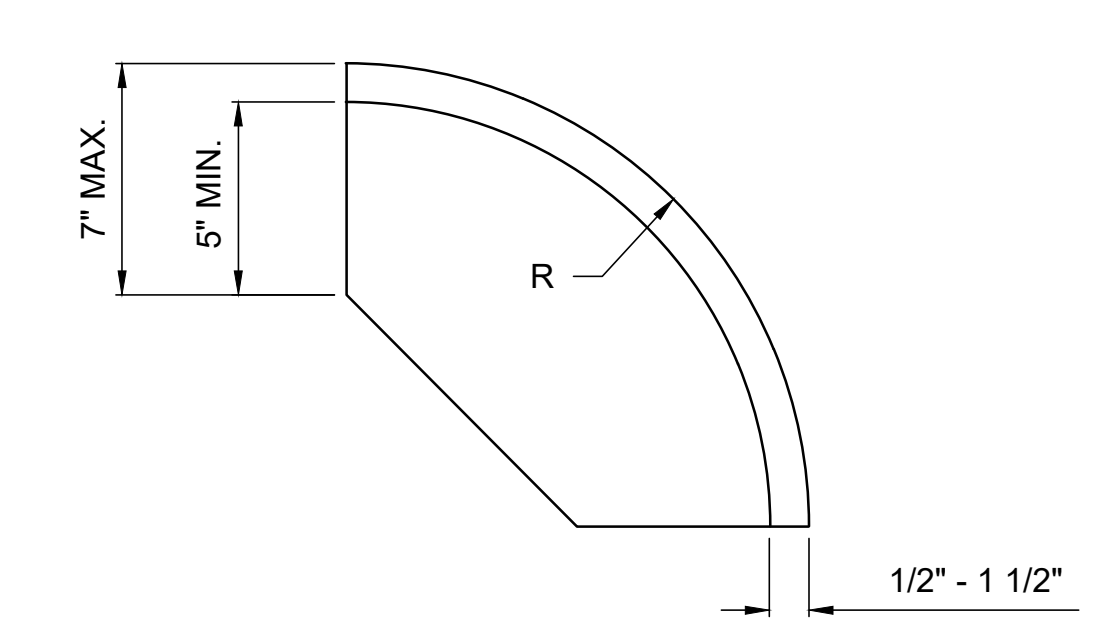
CURB WITH FLEXIBLE PAVEMENT BEDDING AND BACKFILL



TYPE "BB"
 ADJACENT TO NEW OR EXISTING
 BITUMINOUS OR EXISTING PCC PAVEMENT

NOTE:

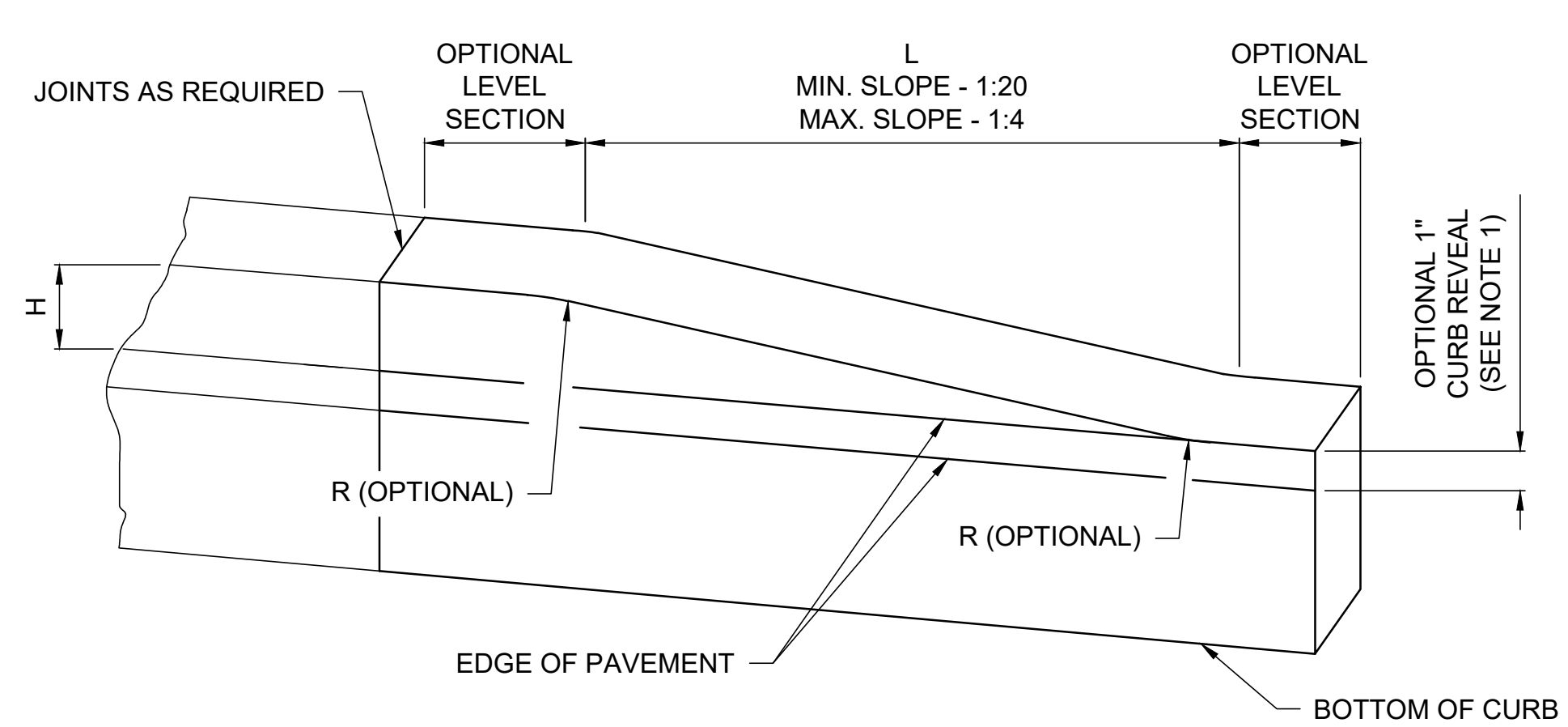
- 1. SEE TYPICAL SECTIONS ON SHEET C30-01 FOR SUBBASE COURSE MATERIAL.



1/2 BULLNOSE VERTICAL FACED CURB

NOTES:

- 1. USE CURB AND CURB AND GUTTER MEETING THE MATERIAL AND CONSTRUCTION REQUIREMENTS OF SECTION 609 OF THE NYS DOT STANDARD SPECIFICATIONS.
- 2. WHEN VERTICAL FACED CURB LESS THAN 9" WISE IS USED WITH CURB BOXES CU1, CU2, AND/OR CU3 AND CONCRETE SIDEWALK IS PLACED ADJACENT TO THIS CURB, SEE SECTION 609 OF THE NYS DOT STANDARD SPECIFICATIONS FOR MISCELLANEOUS CURB DETAILS FOR CURB BOX JOINTS.



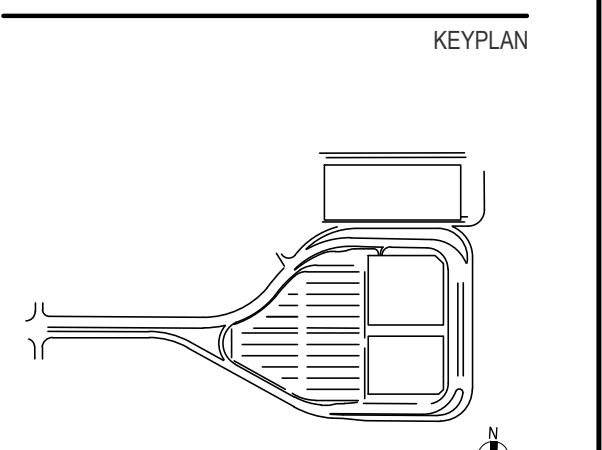
CAST IN PLACE CONCRETE CURB TRANSITIONS
 SEE NOTE 2

CURB TRANSITION LENGTHS (L)				
H	SLOPE	1:4	1:12	1:20
4"		16"	48"	80"
6"		24"	72"	120"

NOTES:

- 1. USE 1" REVEAL AND CONTINUE CURB ACROSS DRIVEWAY ENTRANCES ONLY IF SHOWN IN THE CONTRACT DOCUMENTS, OR DIRECTED BY THE ENGINEER AS A FIELD CONDITION.
- 2. TERMINATE CURB, CURB AND GUTTER BY TRANSITIONING ON A MAXIMUM SLOPE OF 1:12 TO PAVEMENT SURFACE.
- 3. EXTEND JOINT FILLER 6" MINIMUM BEHIND CURB ON BOTH SIDES OF CURB BOX. 705-07 NOT NEEDED WHEN VERTICAL FACED CURB WITH EQUAL TO WIDTH OF CURB.

NOTE:
 DETAILS SHOWN ARE FROM NYS DOT US CUSTOMARY STANDARD SHEETS CURRENT EDITION AS OF MARCH 2023.



ISSUE CHART

Revised Number	Revision Date

Scale: AS NOTED

Date	Project Manager
07/28/23	MLB
Drawn By	Checked By
ACD	MLB
Job Number	220450.00
TITLE	

DRAINAGE, PAVEMENT, AND SITE DETAILS - SHEET 8

SHEET NUMBER
C40-08

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SYRACUSE HANCOCK INTERNATIONAL AIRPORT

Landside Design Study - ConRAC
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Syracuse Regional Airport Authority
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LIGHTING DESIGN
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Syracuse, NY 13202

MEPPP
PDG
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Perth Amboy, NJ 08862

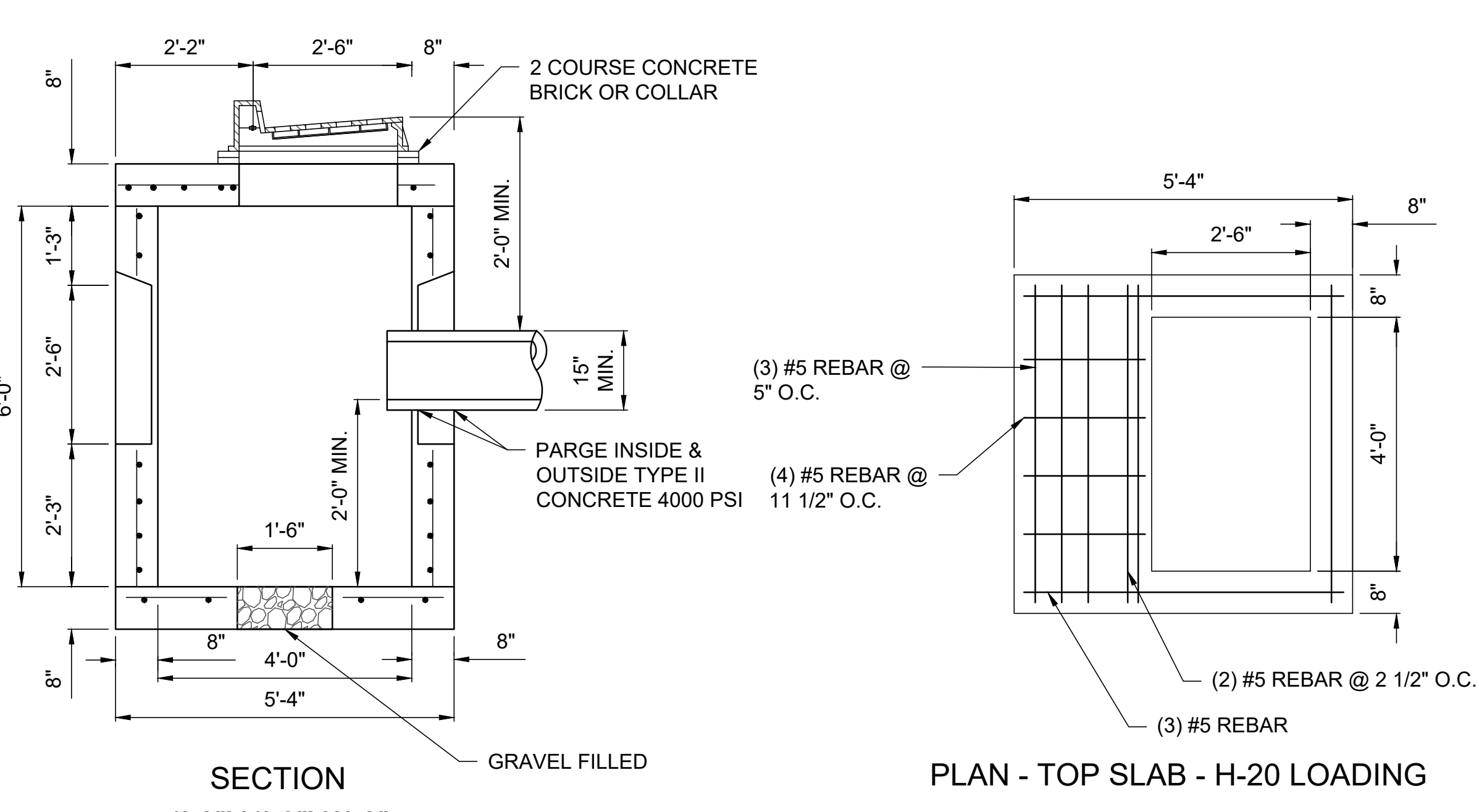
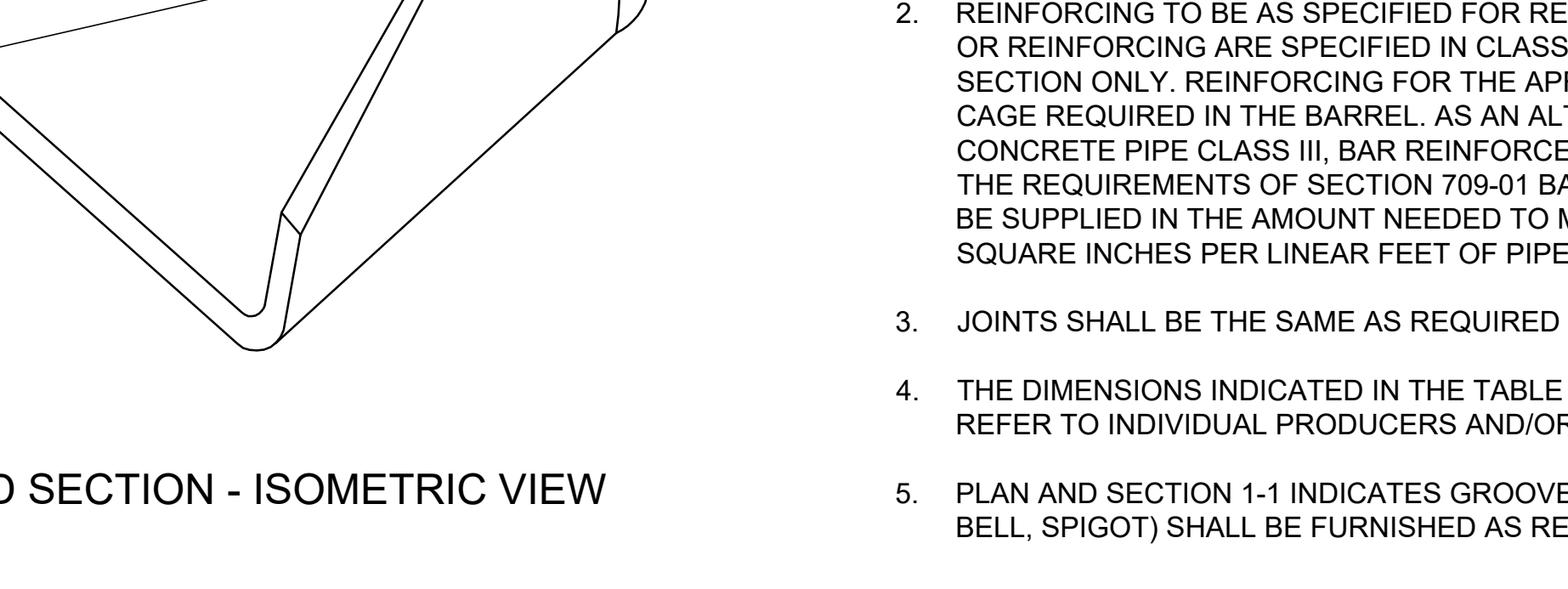
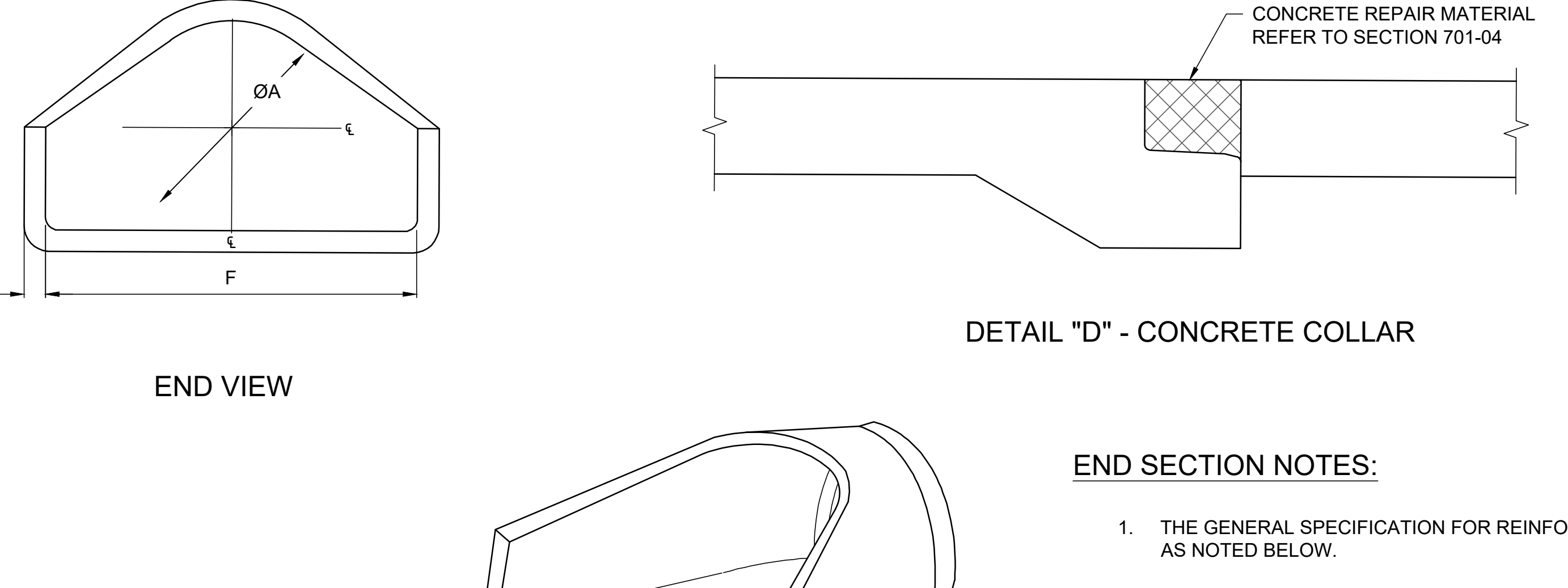
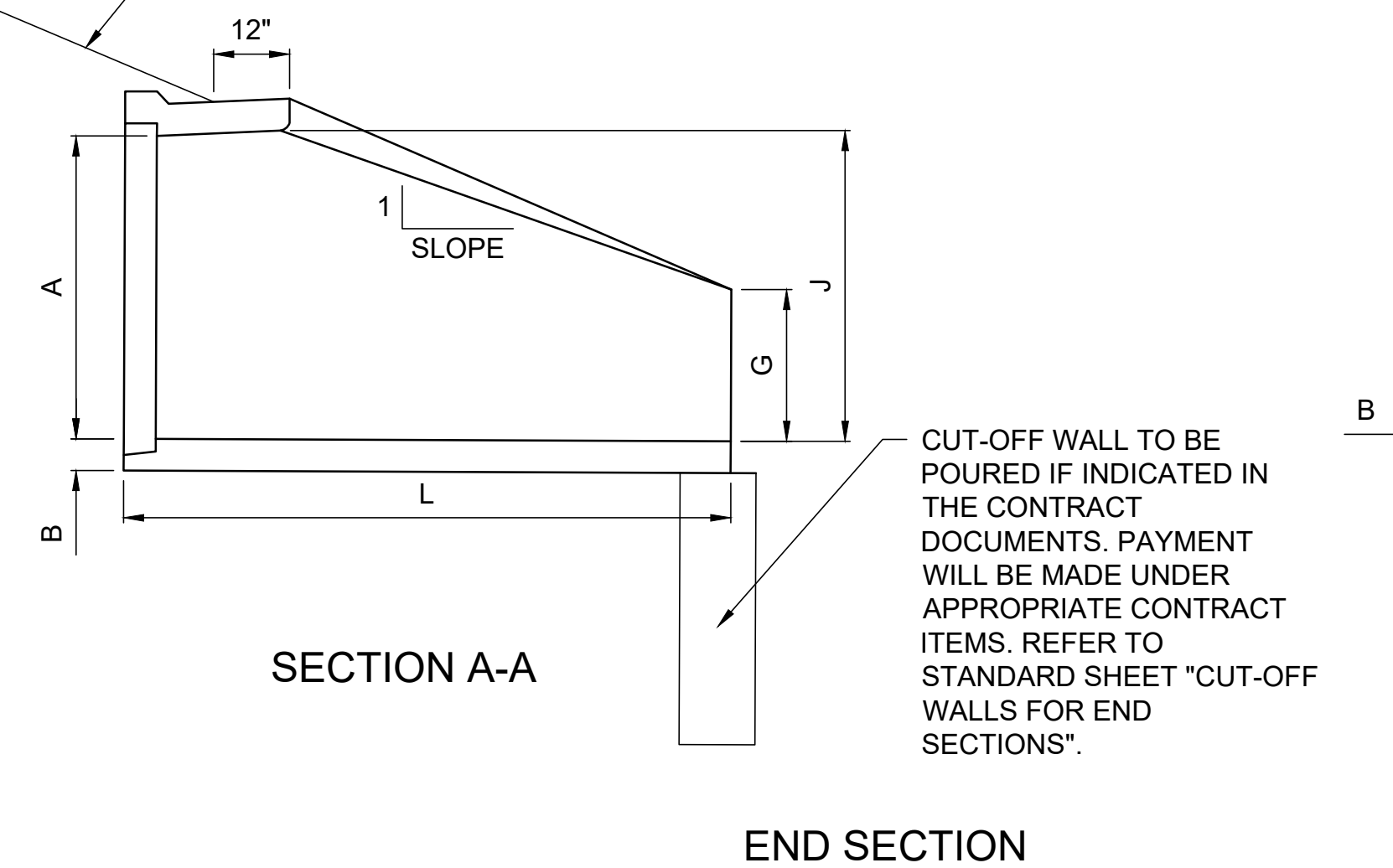
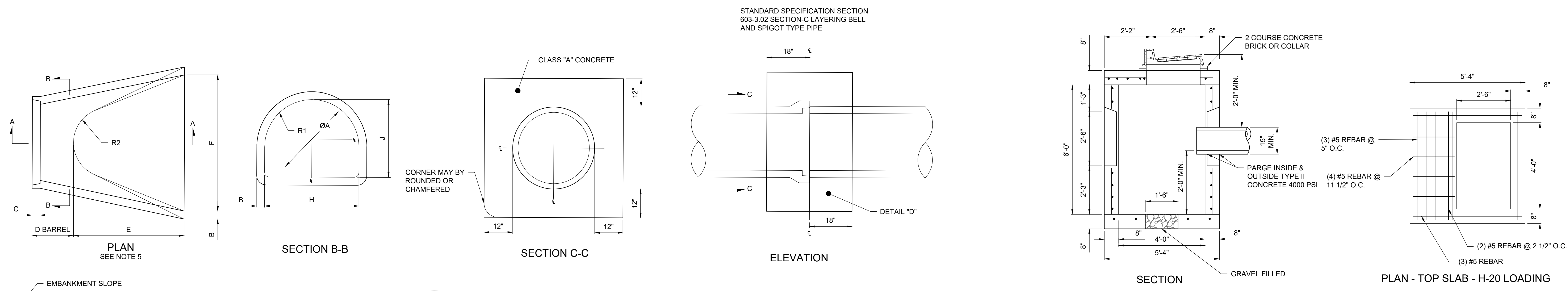
PRELIMINARY NOT-FOR CONSTRUCTION 07/28/23

KEYPLAN

Revised	Number	Revision Date

Scale	AS NOTED
Date	07/28/23
Drawn By	ACD
Job Number	220450.00
Project Manager	MLB
Checked By	MLB
Title	

ISSUE CHART



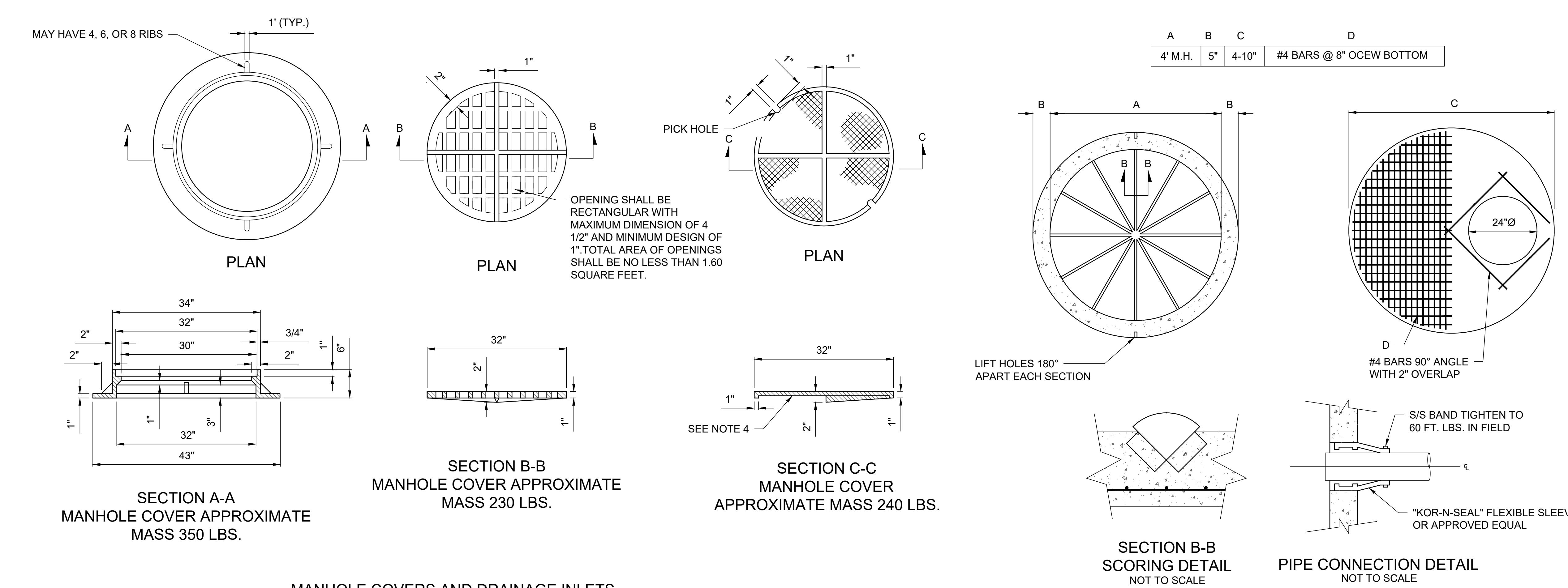
BASIC DIMENSIONS

A	B	C	D	E	F	G	H	J	SLOPE	R1	R2	RATIO *A2/A1	L
12"	2"		48 3/8"	24"	24"	4"	19 15/16"	13"	2.7:1	10 1/8"	9"	1.92	6'-0 3/8"
15"	2 3/8"		48 3/8"	24"	29 1/2"	8 1/2"	28 5/8"	16"	2.7:1	12 3/8"	10 1/2"	1.90	6'-0 3/8"
18"	2 1/2"		46"	27"	36"	9"	29"	19"	2.7:1	15 1/2"	12"	1.88	6'-1"
21"	2 3/4"		38 3/4"	35"	42"	9"	29 1/2"	22"	2.8:1	16 1/8"	13"	2.37	6'-1 1/4"
24"	3"	SEE NOTE 3	30"	43 1/2"	48"	9 1/2"	33 3/16"	25"	2.8:1	16 13/16"	14"	1.58	6'-1 1/2"
27"	3 1/4"		25 1/2"	46"	54"	10 1/2"	36"	28"	2.8:1	18 1/2"	14 1/2"	1.89	6'-1 1/2"
30"	3 1/2"		19 3/4"	54"	60"	12"	37"	31"	2.8:1	18 9/16"	15"	1.41	6'-1 3/4"
33"	3 3/4"		39 3/8"	58 1/2"	66"	13 1/2"	43 1/4"	34"	2.9:1	21 1/2"	19 1/4"	1.49	8'-1 7/8"
36"	4"		34 3/4"	63"	72"	15"	47 13/16"	37"	2.9:1	24 5/16"	20"	1.50	8'-1 3/4"
42"	4 1/2"		35"	63"	78"	21"	53 7/8"	43"	2.9:1	27 1/2"	22"	1.46	8'-2"
48"	5"		26"	72"	87"	24"	59 1/2"	49"	2.9:1	30"	22"	1.40	8'-2"

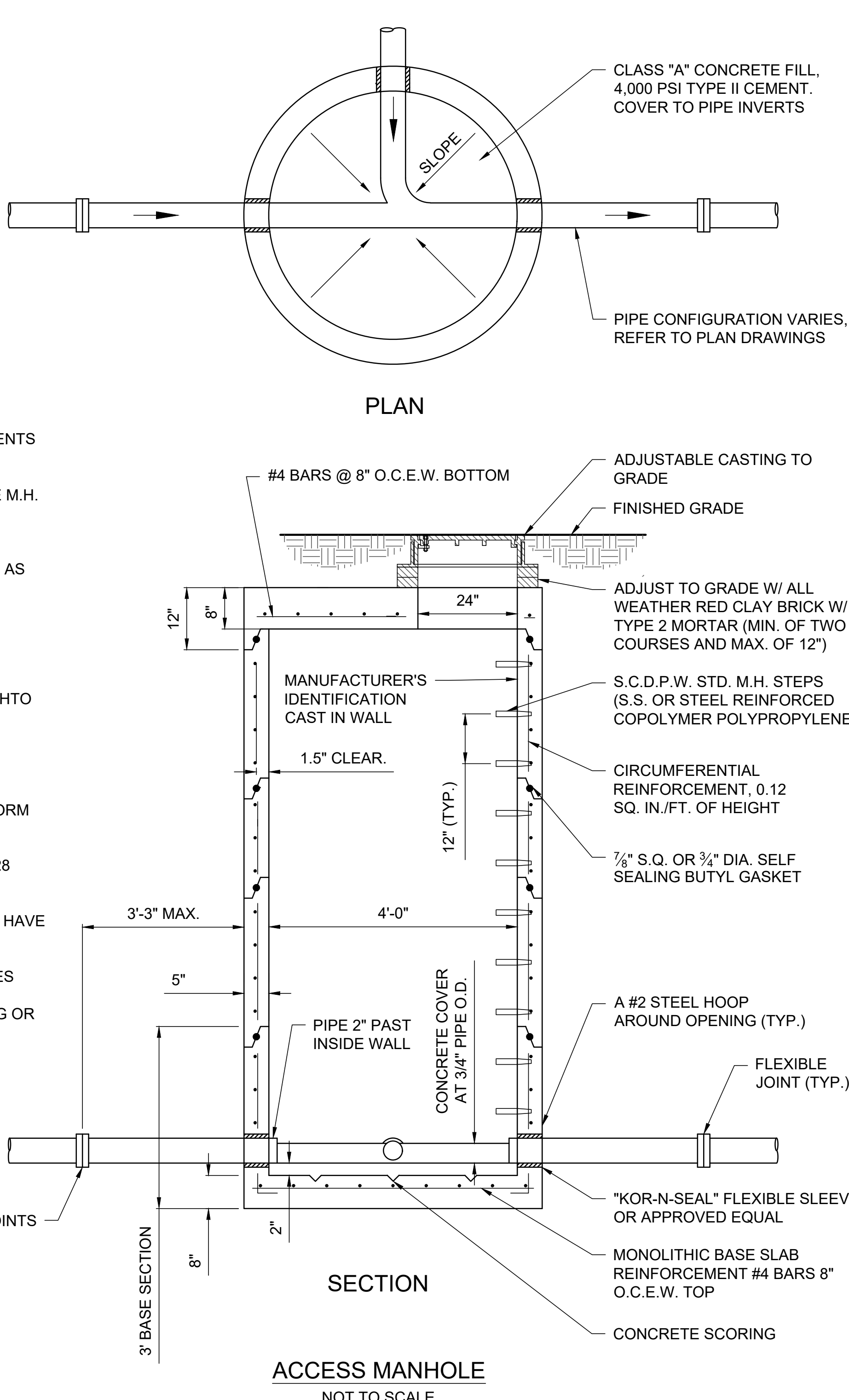
A1 = AREA OF NOMINAL DIAMETER
A2 = AREA THRU SECTION B-B

- CATCH BASIN NOTES:**
- TOP SLAB TO SUPPORT AASHTO H-20 TRAFFIC LOADING.
 - CONCRETE STRENGTH TO BE 4000 PSI @ 28 DAYS.
 - WELDED WIRE MESH ASTM A185.
 - REBAR ASTM A615 GRADE 60.
 - ALL PRECAST CONCRETE STRUCTURES MUST MEET ACI CODE AND SPECIFICATIONS.
 - ALL STRUCTURES MUST BE MANUFACTURED AT AN ACI CERTIFIED PLANT. A COPY OF CERTIFICATION MUST BE ON FILE WITH THE TOWN.
- SOURCE: TOWN OF BROOKHAVEN
CATCH BASIN STANDARD DETAILS DRAWING 10/7/2013

REINFORCED CONCRETE PIPE END SECTIONS AND CONCRETE COLLAR
NOT TO SCALE
SOURCE: NYS DOT 603-01



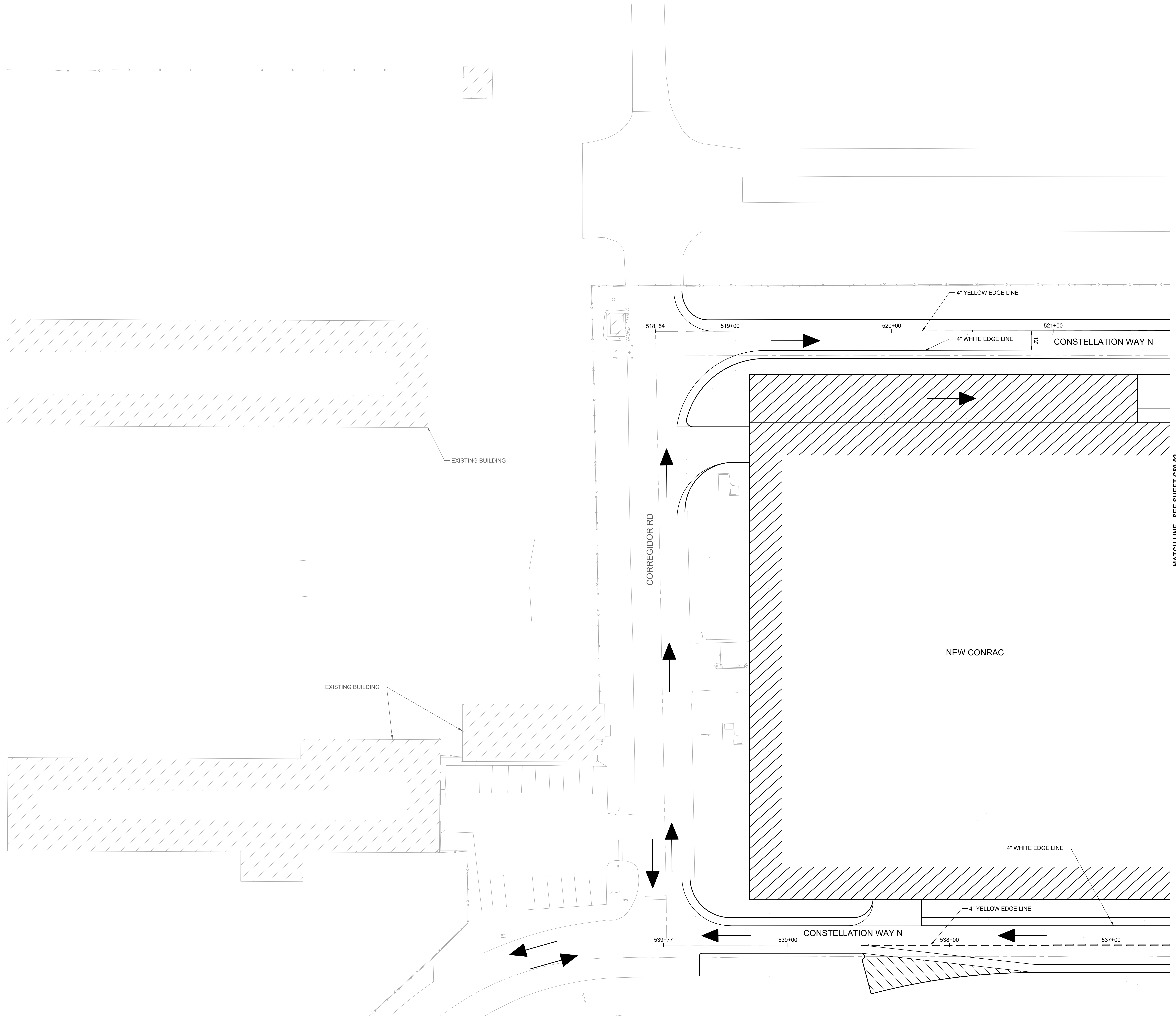
- MANHOLE NOTES:**
- ALL MANHOLES SECTIONS SHALL CONFORM TO RELEVANT 4" DIA. SANITARY SEWER M.H. REQUIREMENTS & A.S.T.M. C-478, LATEST REVISION STANDARD SPECIFICATIONS FOR PRECAST REINFORCED CONCRETE M.H. SECTIONS.
 - MANHOLE RISER SECTION TO BE FURNISHED IN 1, 2, 3, OR 4' HEIGHTS AS REQUIRED.
 - MANUF. SHALL CERTIFY THAT MANHOLES DELIVERED MEET ALL REQUIREMENTS
 - LOADING SHALL CONFORM TO AASHTO H-20 LOADING.
 - REBAR SHALL CONFORM TO ASTM A-615-60 Fy=60,000 PSI.
 - WELDED WIRE MESH SHALL CONFORM TO A.S.T.M. A185 Fy=65,000 PSI.
 - CONCRETE SHALL BE 4,000 PSI @ 28 DAYS.
 - FLAT SLAB TOPS (NO JOINT) SHALL HAVE TOP & BOTTOM STEEL.
 - AIR RELEASE AND DRAIN MANHOLES SHALL HAVE BOTTOM SLAB MANUFACTURED WITH 12" OPENING OR CORE IN FIELD.



- MANHOLE COVER AND DRAINAGE COVER NOTES:**
- SELECT MANHOLE FRAMES AND COVERS FROM THE NYS DOT ENGINEERING DIVISION'S APPROVED LIST.
 - SANITARY SOLID COVERS SHALL BE CAST WITH WORDING "SANITARY".
 - DRAINAGE SOLID COVERS SHALL BE CAST WITH WORDING "STORM".
 - FRAMES AND COVERS SHALL BE RATED FOR H-20 LOADING.

4'Ø AND 5'Ø MANHOLE BASE AND TOP SLAB SONSTRUCTION DETAILS
NOT TO SCALE

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NOTES:

1. ALL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE MUTCD AND NYS SUPPLEMENT.
2. ROADWAY EDGE LINES SHALL BE YELLOW ON THE LEFT SIDE AND WHITE ON THE RIGHT SIDE IN THE DIRECTION OF TRAVEL UNLESS OTHERWISE SHOWN ON THE PLANS. IF THE CURB OFFSET IS LESS THAN 2'-0", NO EDGE LINE SHALL BE APPLIED ADJACENT TO CURBS UNLESS OTHERWISE SHOWN ON THE PLANS.
3. ALL DIMENSIONS AND THE PLACEMENT OF ARROWS, SYMBOLS AND TEXT SHOWN ARE TYPICAL AND SHALL APPLY UNLESS OTHERWISE INDICATED IN THE CONTRACT DOCUMENTS.

PROJECT

Landside Design Study - ConRAC
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Syracuse Regional Airport Authority
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SIGNAGE

Cline Bettridge Bernstein
116 East 27th Street, 4th Fl.
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LANDSCAPE

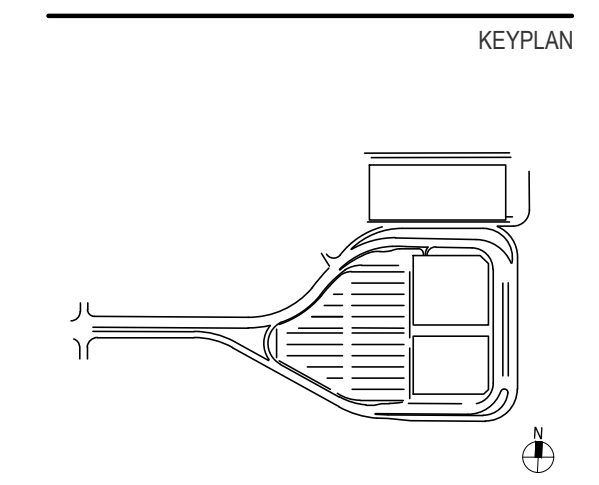
Airspace
41 Flatbush Ave.
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PDG
655 Pennington Drive
Pierfield, NY 14528

PRELIMINARY NOT-FOR CONSTRUCTION 07/28/23



ISSUE CHART

Revised Number	Revision Date

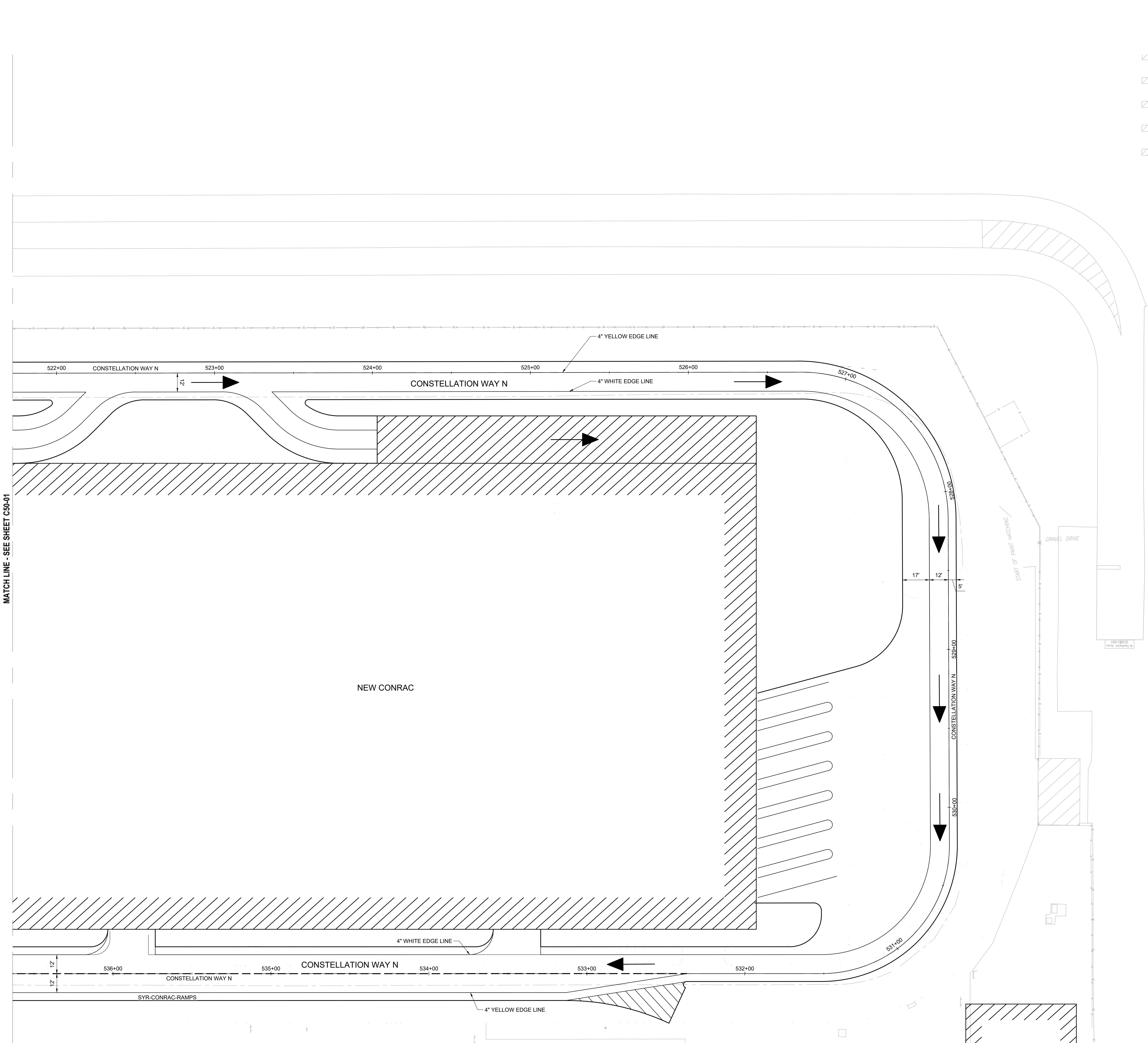
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Date: 07/28/23	Project Manager: MLB
Drawn By: ACD	Checked By: MJB
Job Number: 220450.00	TITLE

SIGNAGE AND MARKING PLAN - SHEET 1

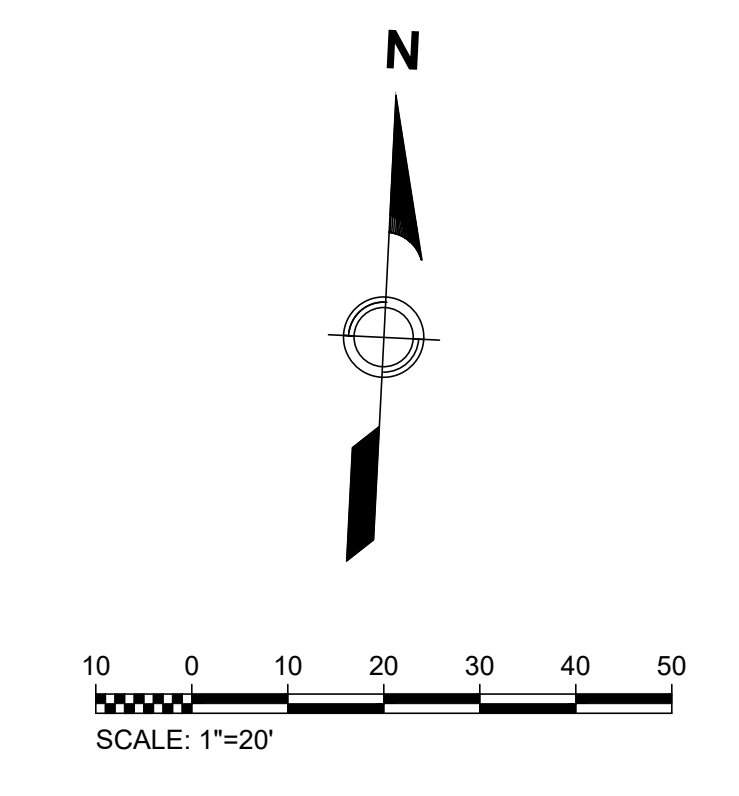
SHEET NUMBER

C50-01

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- NOTES:**
1. ALL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE MUTCD AND NYS SUPPLEMENT.
 2. ROADWAY EDGE LINES SHALL BE YELLOW ON THE LEFT SIDE AND WHITE ON THE RIGHT SIDE IN THE DIRECTION OF TRAVEL UNLESS OTHERWISE SHOWN ON THE PLANS. IF THE CURB OFFSET IS LESS THAN 2'-0", NO EDGE LINE SHALL BE APPLIED ADJACENT TO CURBS UNLESS OTHERWISE SHOWN ON THE PLANS.
 3. ALL DIMENSIONS AND THE PLACEMENT OF ARROWS, SYMBOLS AND TEXT SHOWN ARE TYPICAL AND SHALL APPLY UNLESS OTHERWISE INDICATED IN THE CONTRACT DOCUMENTS.



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LANDSCAPE

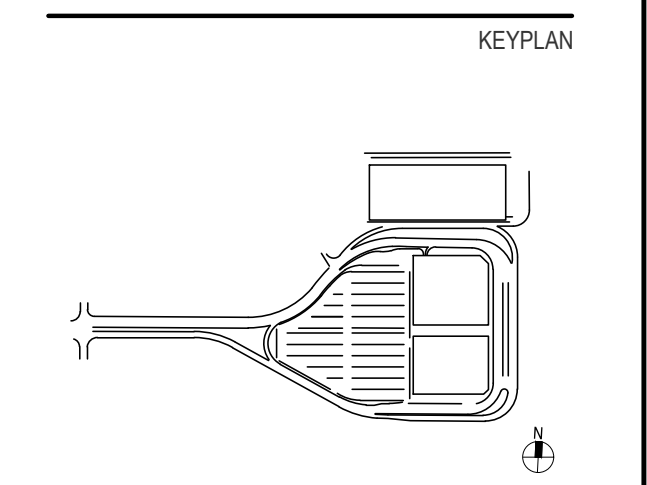
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Version Number	Revision Date

Scale: AS NOTED	Project Manager:
Date: 07/28/23	MLB
Drawn By: ACD	Checked By: MJB
Job Number: 220450.00	TITLE

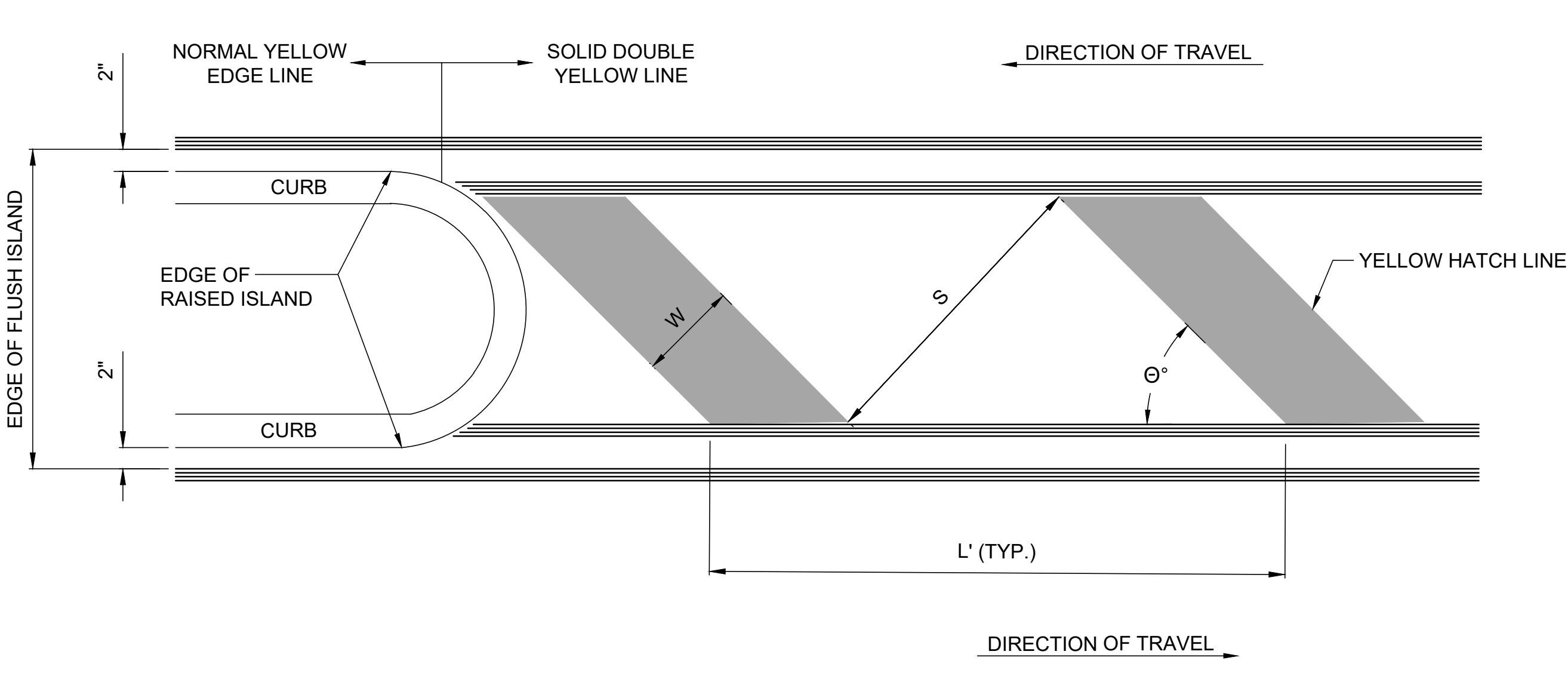
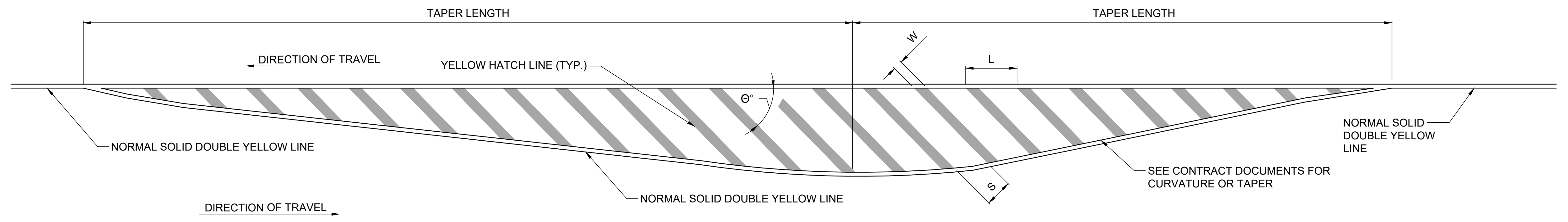
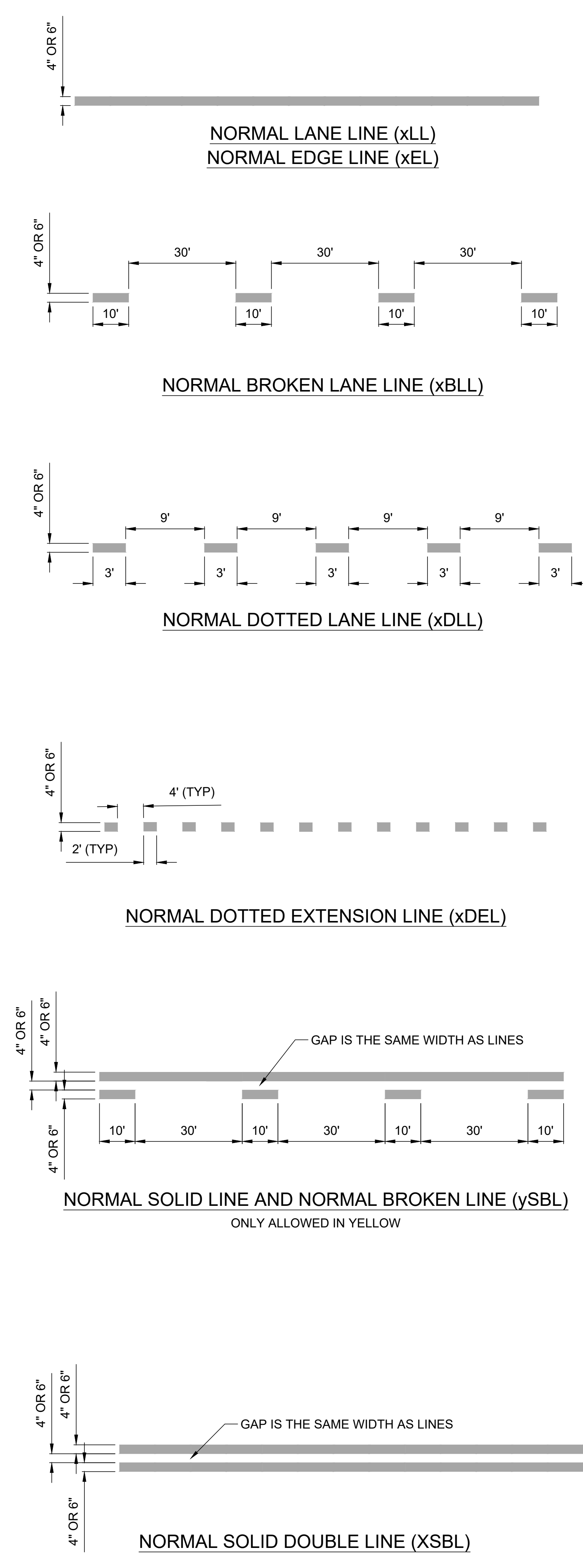
SIGNAGE AND MARKING PLAN - SHEET 2

SHEET NUMBER

C50-02

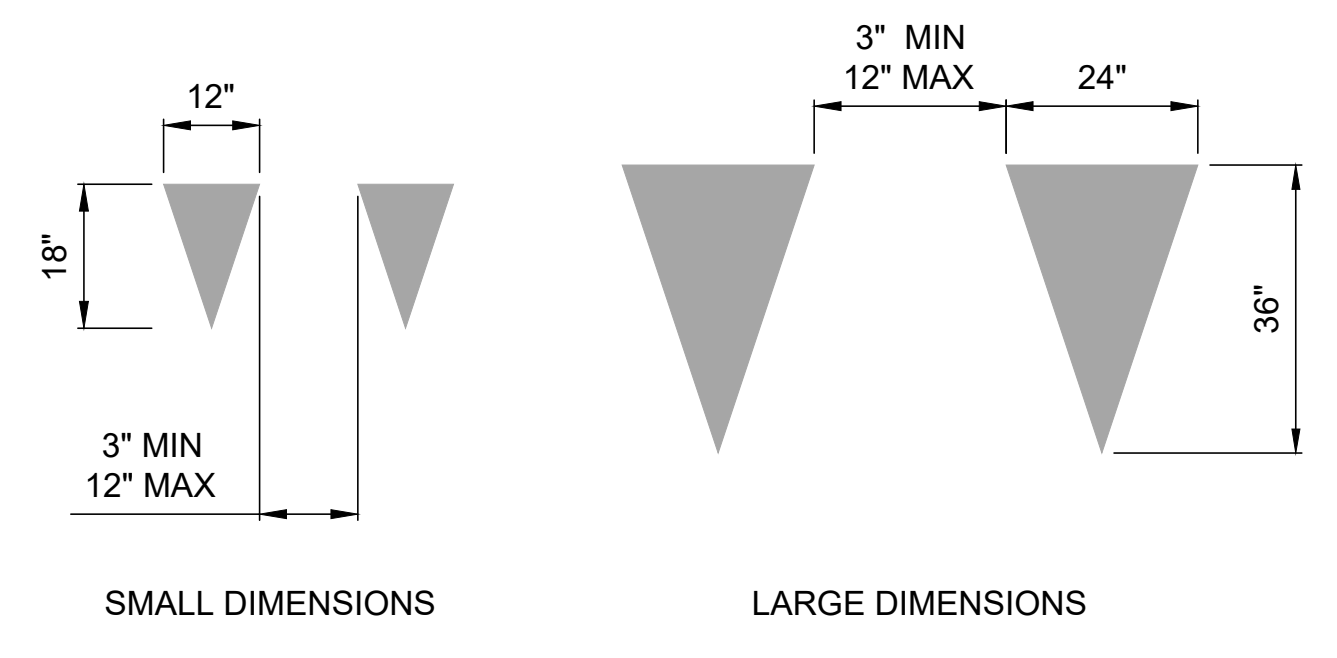
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PRELIMINARY NOT-FOR CONSTRUCTION 07/28/23



POSTED SPEED ≥ 45 MPH					POSTED SPEED < 45 MPH				
TYPE	W	θ°	S	L	TYPE	W	θ°	S	L
A	1'	30°	3'	8'-0"	A	8"	30°	3'	5'-4"
B	2'	35°	3'	7'-0"	B	1'	35°	3'	7'-0"
C	3'	45°	6'	11'-4"	C	2'	45°	6'	11'-4"

CROSS HATCH LINE DIMENSIONS
 TYPE SHALL BE AS PER PLAN
 DEFAULT VALUE IS TYPE "C" UNLESS OTHERWISE SHOWN



- GENERAL PAVEMENT MARKING NOTES:**
- ALL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE MUTCD AND NYS SUPPLEMENT.
 - EDGE LINES SHALL BE YELLOW ON THE LEFT AND WHITE ON THE RIGHT SIDE IN THE DIRECTION OF TRAVEL UNLESS OTHERWISE SHOWN ON THE PLANS. IF THE CURB OFFSET IS LESS THAN 2'-0", NO EDGE LINES SHALL BE APPLIED ADJACENT TO CURBS UNLESS OTHERWISE SHOWN ON THE PLANS. EDGE LINES SHALL BE PROVIDED AT THE CURB ADJACENT TO RAISED ISLANDS (SEE DETAIL).
 - WHERE MARKINGS NORMALLY FOLLOW A PAVEMENT JOINT, SINGLE LINE MARKINGS SHALL BE PLACED ALONG ONE SIDE OF THE JOINT. DOUBLE LINE MARKINGS SHALL STRADDLE THE JOINT. LANE LINES ON ROADWAYS WHICH ARE MORE THAN TWO LANES WIDE AND HAVE LONGITUDINAL JOINTS BETWEEN ADJACENT LANES SHALL BE PLACED ON THE SIDE OF THE JOINT WHICH WILL OBTAIN OPTIMUM LANE WIDTHS.
 - AT THE JUNCTION OF SINGLE AND DOUBLE LINE MARKINGS WHICH FOLLOW A PAVEMENT JOINT, THE SINGLE LINE SHALL BE AN EXTENSION OF EITHER OF THE DOUBLE LINES AND NOT THE SPACE BETWEEN THEM. AT THE JUNCTION OF SINGLE AND DOUBLE LINE MARKINGS WHICH DO NOT FOLLOW A PAVEMENT JOINT, THE SINGLE LINE MAY BE ALIGNED WITH THE CENTER OF THE DOUBLE LINE MARKING OR WITH EITHER LINE OF THE DOUBLE LINE.
 - ALL DIMENSIONS AND THE PLACEMENT OF ARROWS, SYMBOLS AND TEXT SHOWN ARE TYPICAL AND SHALL APPLY UNLESS OTHERWISE INDICATED IN THE CONTRACT DOCUMENTS.
 - THE REGIONAL TRAFFIC ENGINEER WILL REVIEW AND APPROVE ANY CHANGES TO THE PAVEMENT MARKING PLANS PRIOR TO FINAL INSTALLATION. CHANGES SHALL BE SUBMITTED TWO WEEKS PRIOR TO INSTALLATION.

- PAVEMENT MARKING LINE NOTES:**
- EDGE LINES ON RURAL, HIGH SPEED HIGHWAY SEGMENTS WITH POSTED SPEEDS OF 45 MPH OR MORE SHALL BE 6". ALSO, NORMAL PAVEMENT MARKING LINES SHALL BE 6" ON FREEWAYS AND EXPRESSWAYS AND ON RAMPS TO AND FROM FREEWAYS AND EXPRESSWAYS, AND WHERE SPECIFIED IN THE CONTRACT DOCUMENTS. AT ALL OTHER LOCATIONS, NORMAL PAVEMENT MARKING LINES SHALL BE 4" WIDE PAVEMENT MARKING LINES SHALL BE TWICE AS WIDE AS NORMAL LINES ON THE SAME HIGHWAY. CHANNELIZING LINES ARE THE SAME WITH AS WIDE LINES.
 - PAVEMENT MARKING LINE CODES MAY BE SHOWN ON THE PLANS WITH DESIGNATIONS:
 W = WHITE
 Y = YELLOW
 W = WIDE

NOTE:
 DETAILS SHOWN ARE FROM NYS DOT US CUSTOMARY
 STANDARD SHEETS CURRENT EDITION AS OF MARCH 2023.

KEYPLAN

ISSUE CHART

Revised Number	Revision Date

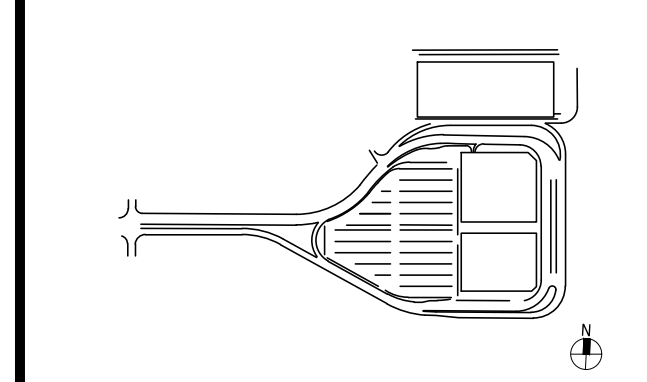
Scale: AS NOTED

Date: 07/28/23	Project Manager: MLB
Drawn By: ACP	Checked By: MLB
Job Number: 220450.00	TITLE: PAVEMENT MARKING DETAILS - SHEET 1

SHEET NUMBER
C60-01

PRELIMINARY NOT-FOR CONSTRUCTION 07/28/23

KEYPLAN



ISSUE CHART

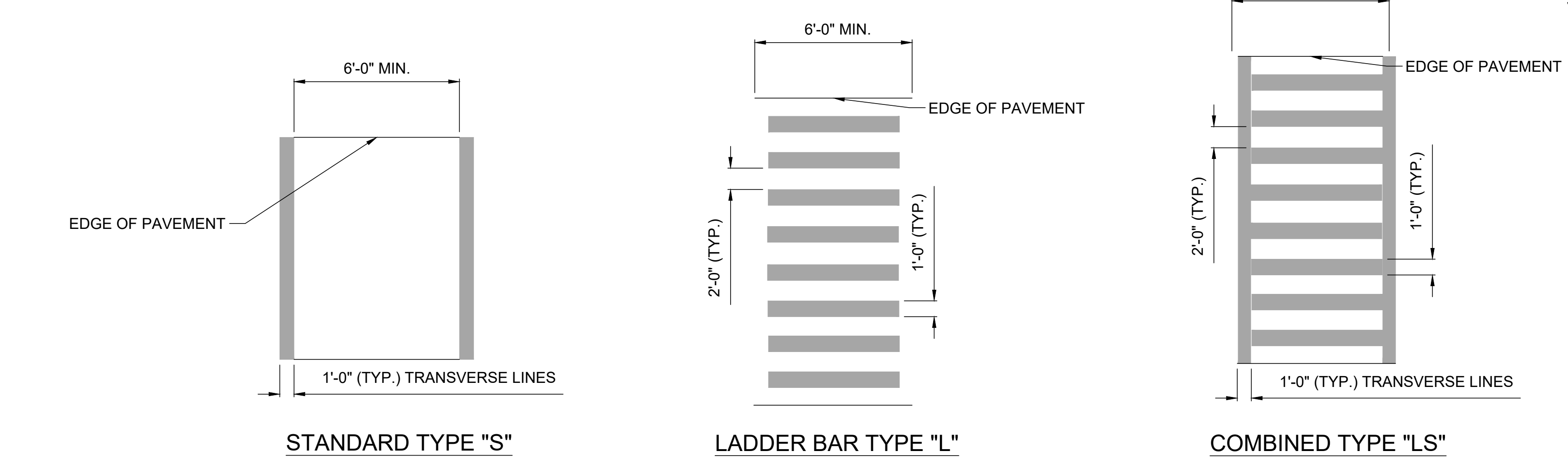
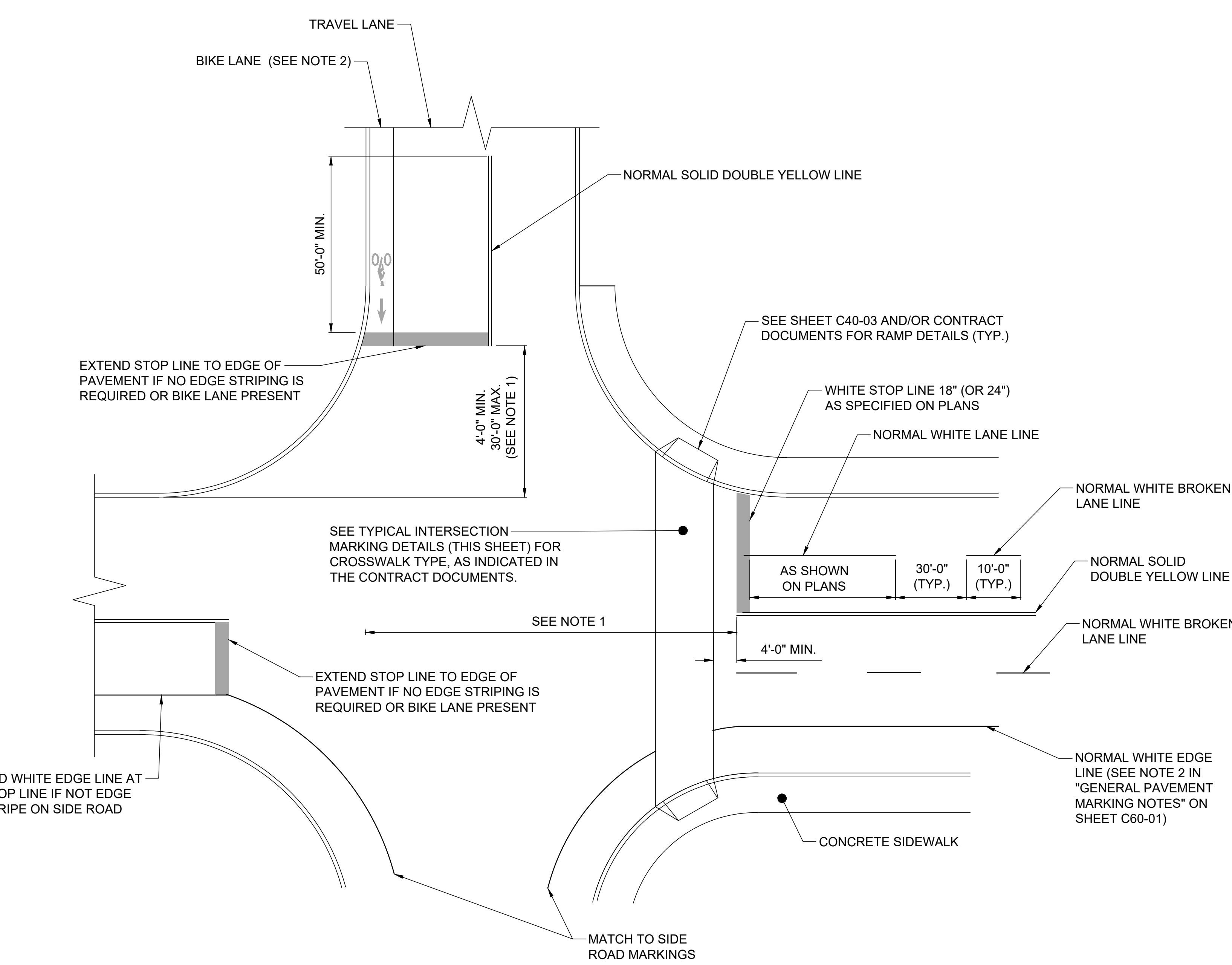
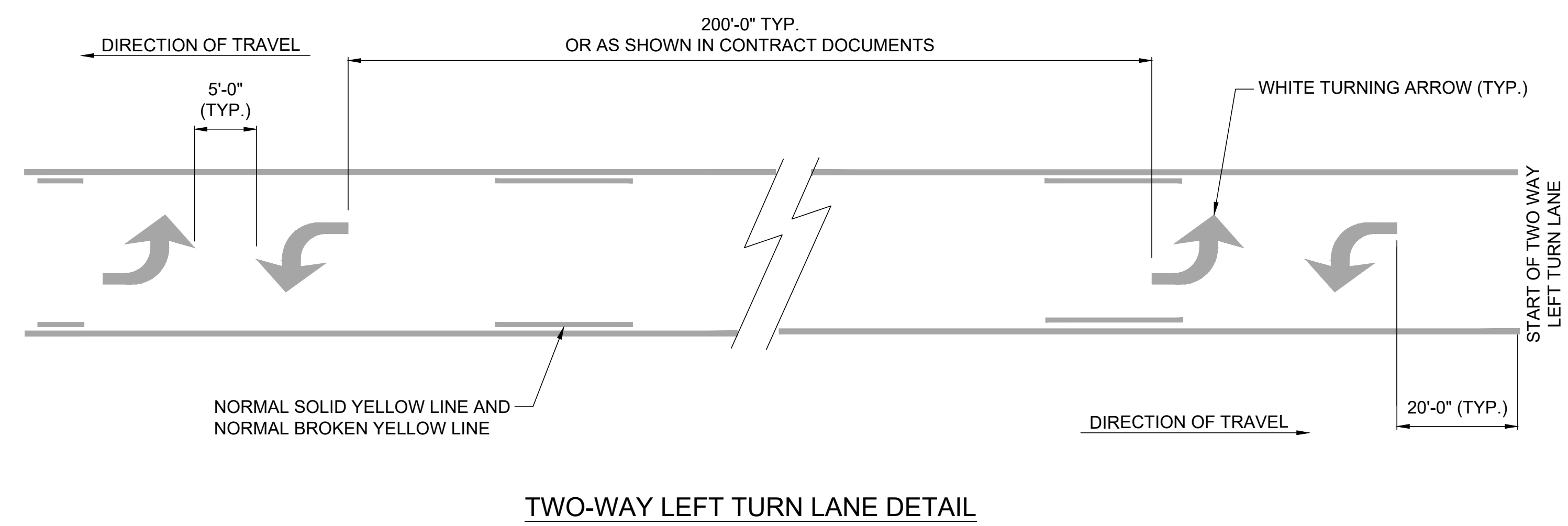
Revision Number	Revision Date

Scale: AS NOTED	Project Manager: MLB
Date: 07/28/23	Checked By: MLB
Drawn By: ACD	Job Number: 220450.00
TITLE: PAVEMENT MARKING DETAILS - SHEET 2	TITLE:

PAVEMENT MARKING DETAILS - SHEET 2

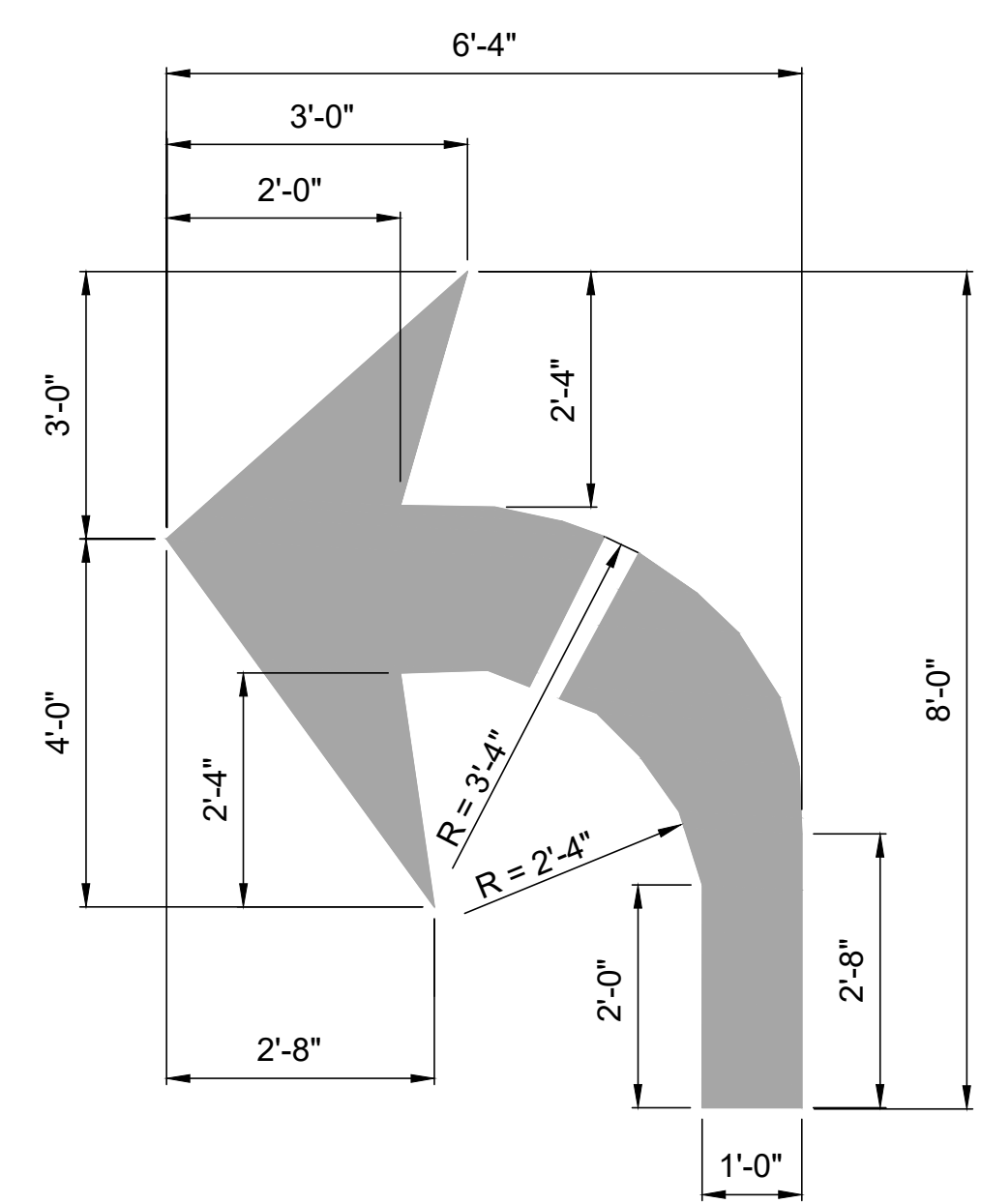
SHEET NUMBER

C60-02

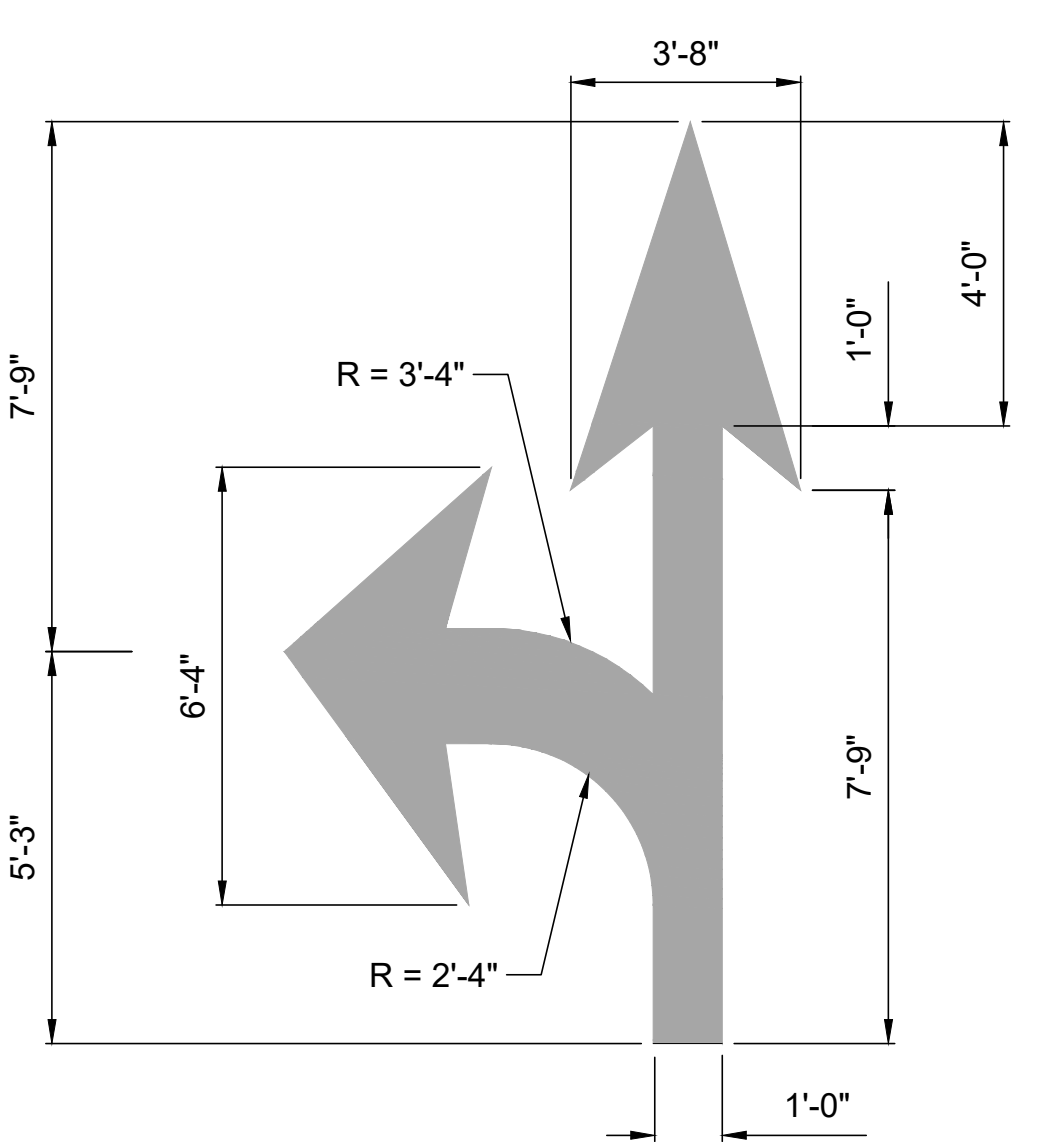


- NOTES:**
1. ALL CROSSWALK MARKINGS SHALL BE WHITE.
 2. TYPE 'L' AND TYPE 'LS' CROSSWALKS SHALL HAVE THE LONGITUDINAL LINES PARALLEL TO THE LANE LINES.

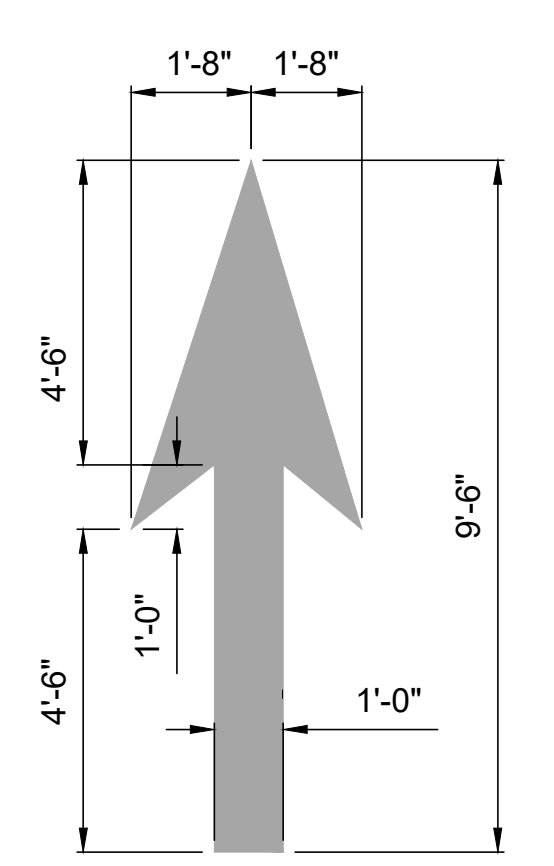
- NOTES:**
1. AT SIGNALIZED INTERSECTIONS, AT LEAST ONE SIGNAL HEAD FOR THE THROUGH MOVEMENT AND AT LEAST ONE FOR EXCLUSIVE RIGHT OR LEFT TURN LANES (IF PROVIDED) ARE REQUIRED TO BE AT LEAST 40'-0" BEYOND THE STOP LINE FOR THE LANES THEY CONTROL. THIS MAY PLACE THE STOP LINE MORE THAN 4'-0" UPSTREAM OF THE CROSSWALK.
 2. DISCONTINUE BIKE LANE MARKINGS AT LEAST 100'-0" BEFORE INTERSECTION IF NO MARKED BIKE LANE IS PRESENT DOWNSTREAM.



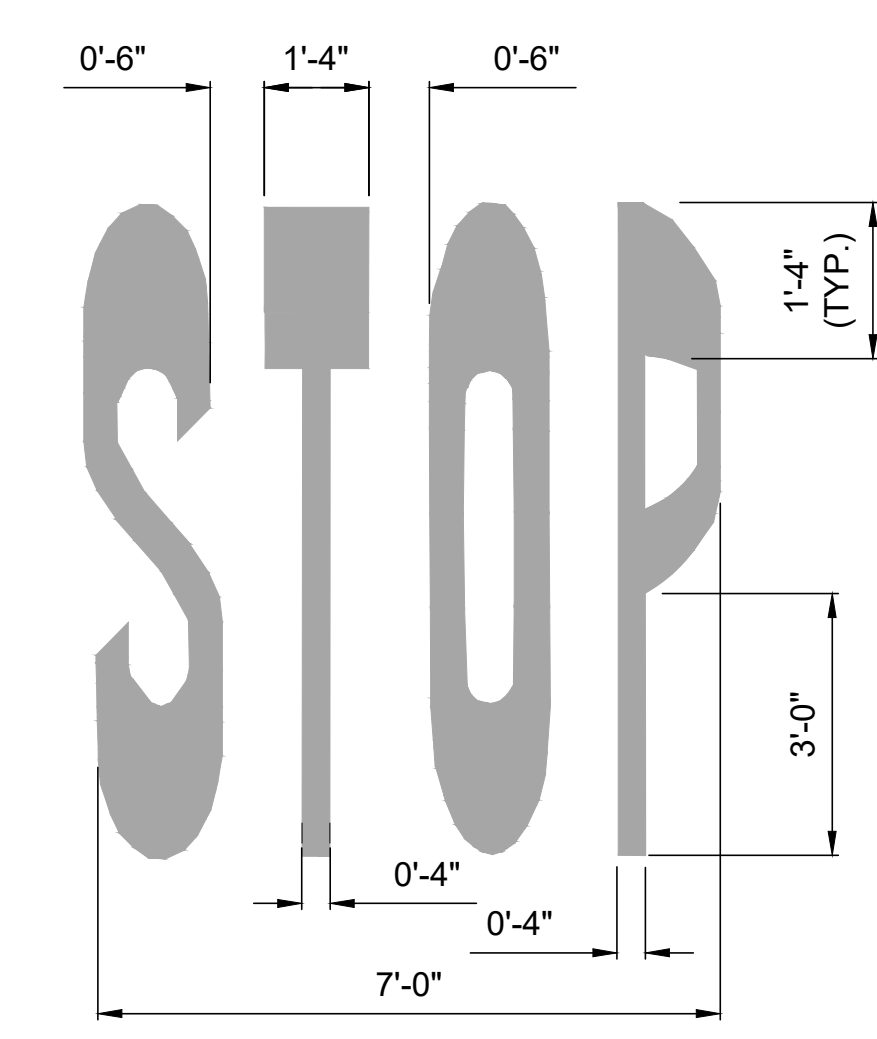
TURNING ARROW
PAID AS ONE SYMBOL



TURNING/STRAIGHT ARROW FOR ONE LANE
PAID AS ONE SYMBOL



STRAIGHT ARROW
PAID AS ONE SYMBOL

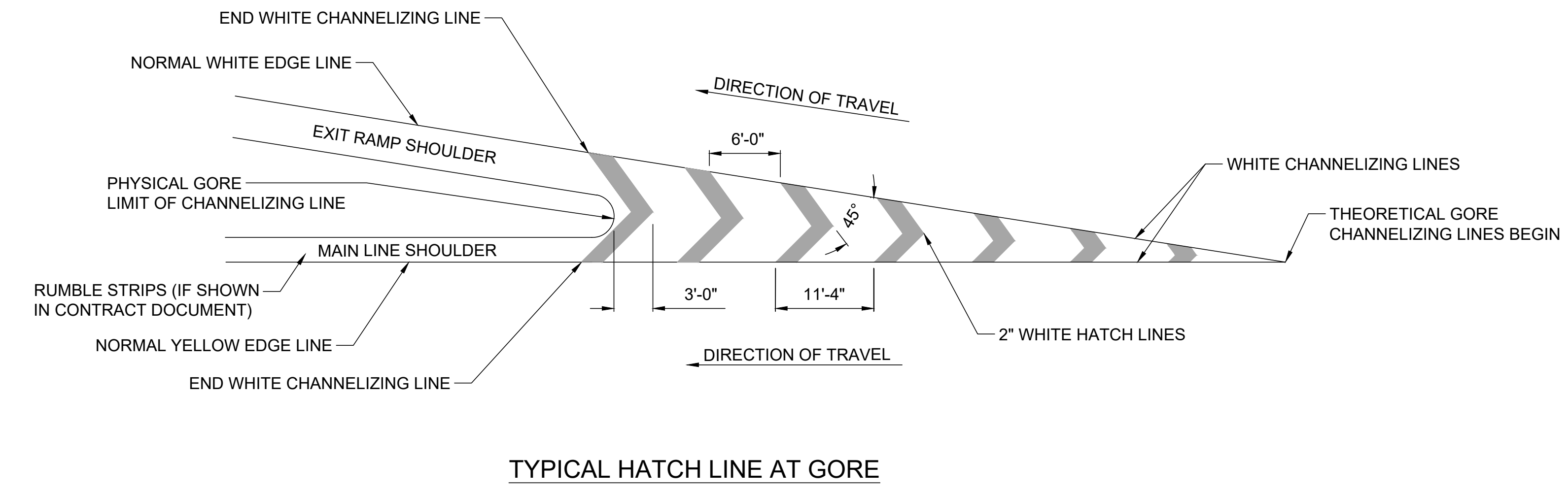
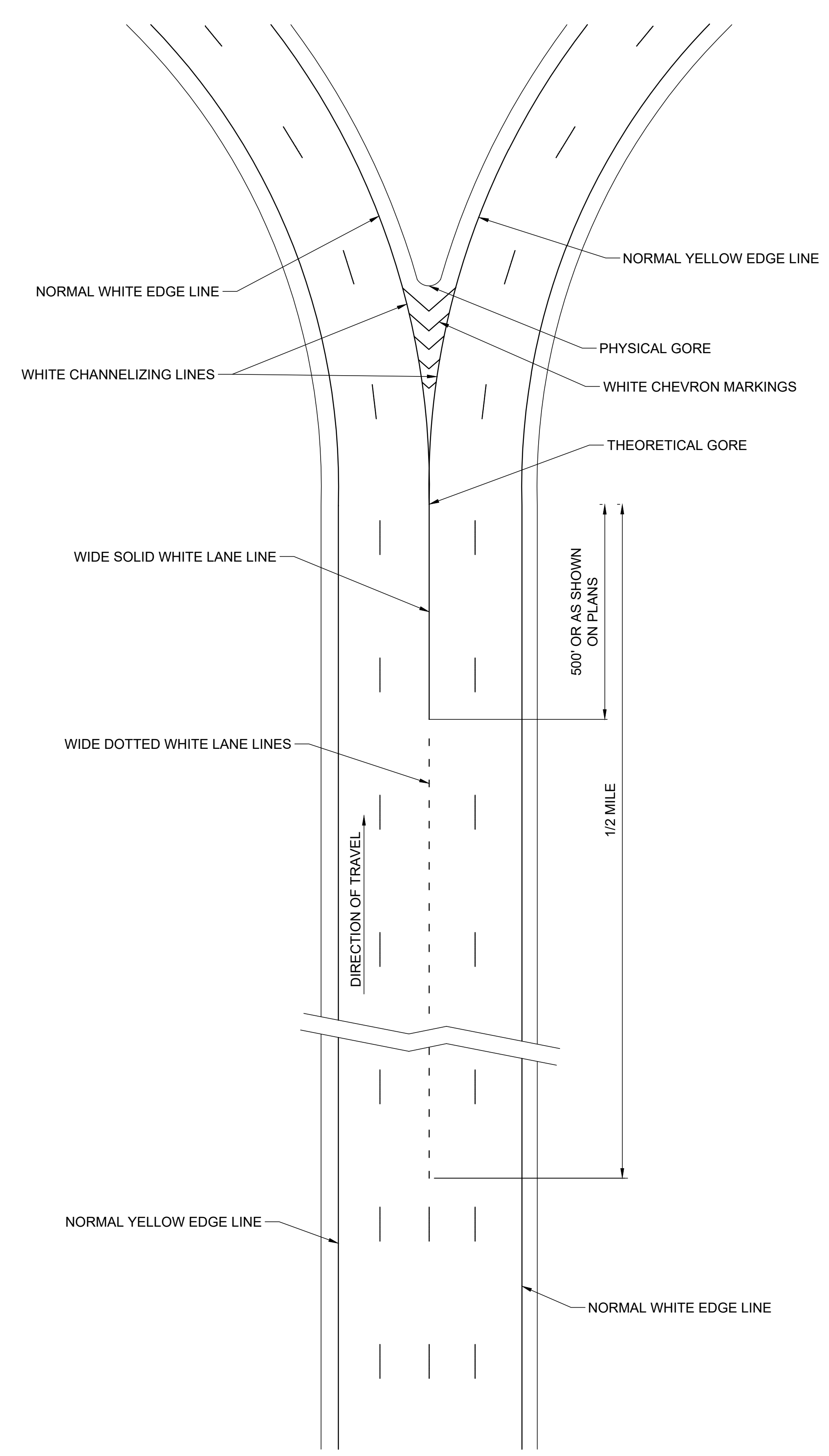


"STOP" LETTERS (SEE NOTE)
PAID AS FOUR LETTERS

NOTE: DETAILS SHOWN ARE FROM NYS DOT US CUSTOMARY STANDARD SHEETS CURRENT EDITION AS OF MARCH 2023.

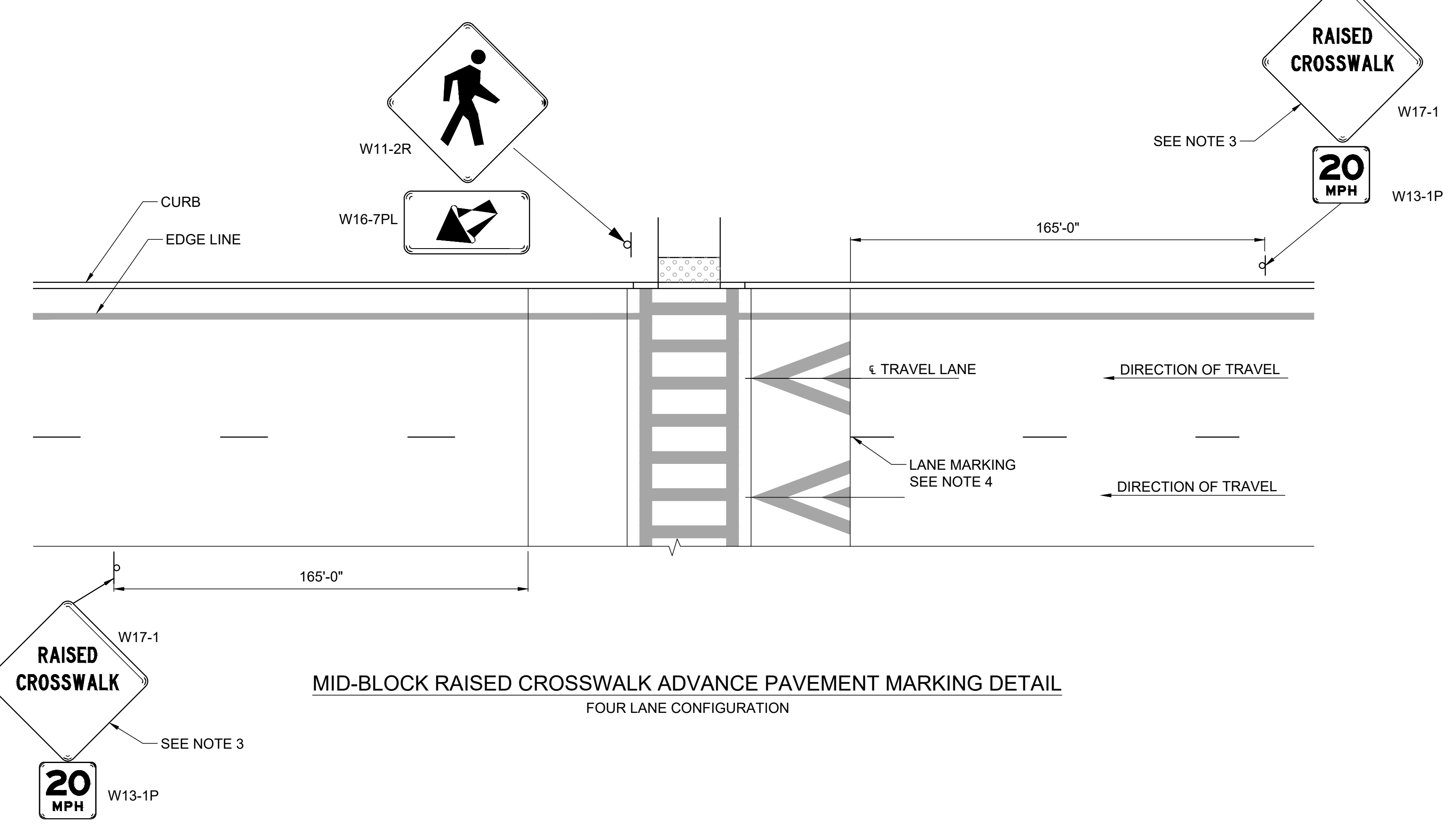
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PRELIMINARY NOT-FOR CONSTRUCTION 07/28/23

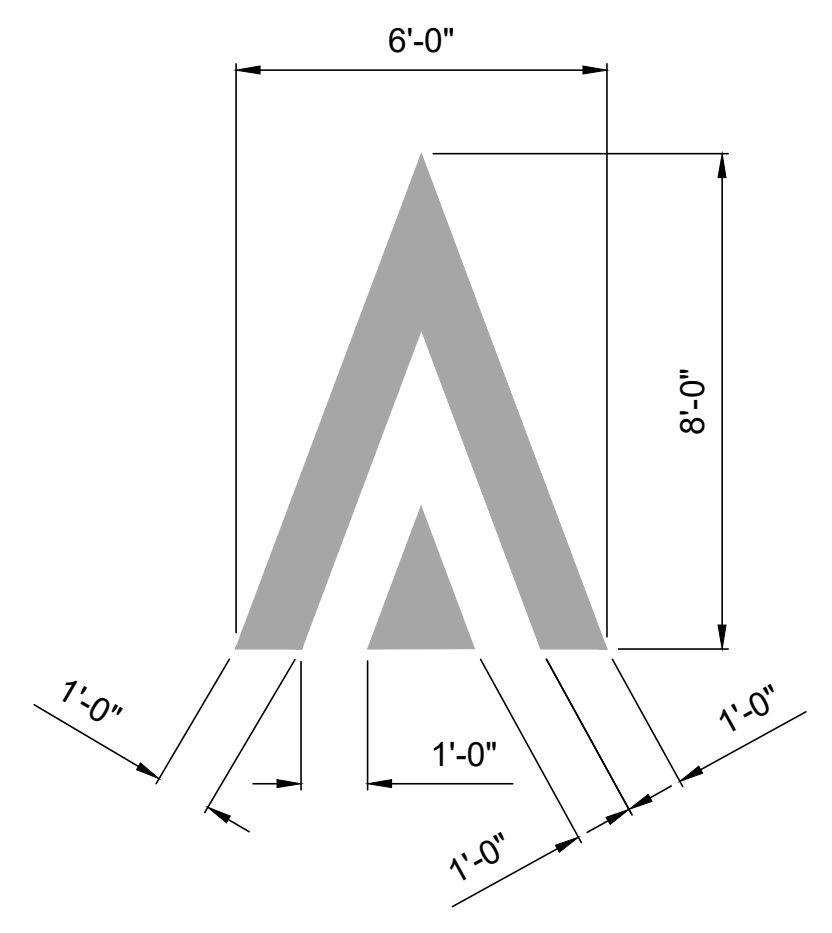


ROUTE SPLIT WITH DEDICATED LANES

TYPICAL HATCH LINE AT GORE



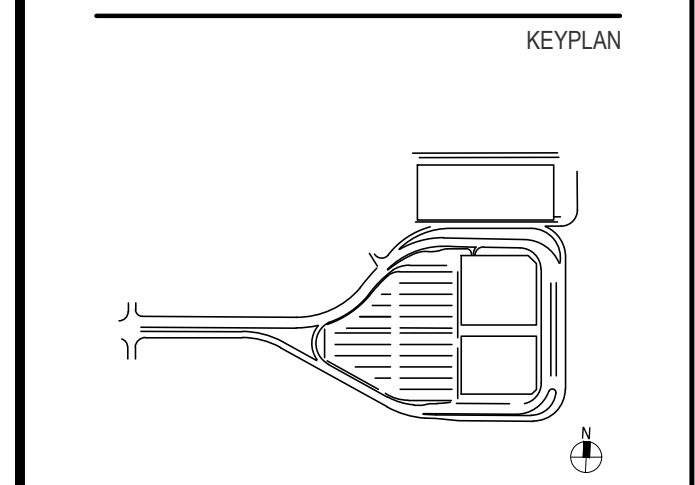
MID-BLOCK RAISED CROSSWALK ADVANCE PAVEMENT MARKING DETAIL
 FOUR LANE CONFIGURATION



RAISED CROSSWALK APPROACH PAVEMENT MARKING DETAIL

- NOTES:
- FOR CONTRAST OF AESTHETICS, TYPE "S" CROSSWALK PAVEMENT MARKING MAY BE USED WITH A COLORED OR TEXTURED CROSSWALK SURFACE.
 - FOR ONE-WAY TRAFFIC, PAVEMENT MARKING SHALL BE PLACED ON APPROACH SIDE ONLY.
 - REFER TO THE MUTCD FOR ADDITIONAL ADVANCED WARNING SIGNS, TYPES, AND LOCATIONS.
 - FOR ASPHALT RAISED CROSSWALKS, LANE MARKINGS SHALL TERMINATE AT THE CROSSWALK MARKING.
 - FOR CROSSWALK MARKING DETAILS, SEE SHEET C60-02.

NOTE:
 DETAILS SHOWN ARE FROM NYS DOT US CUSTOMARY
 STANDARD SHEETS CURRENT EDITION AS OF MARCH 2023.

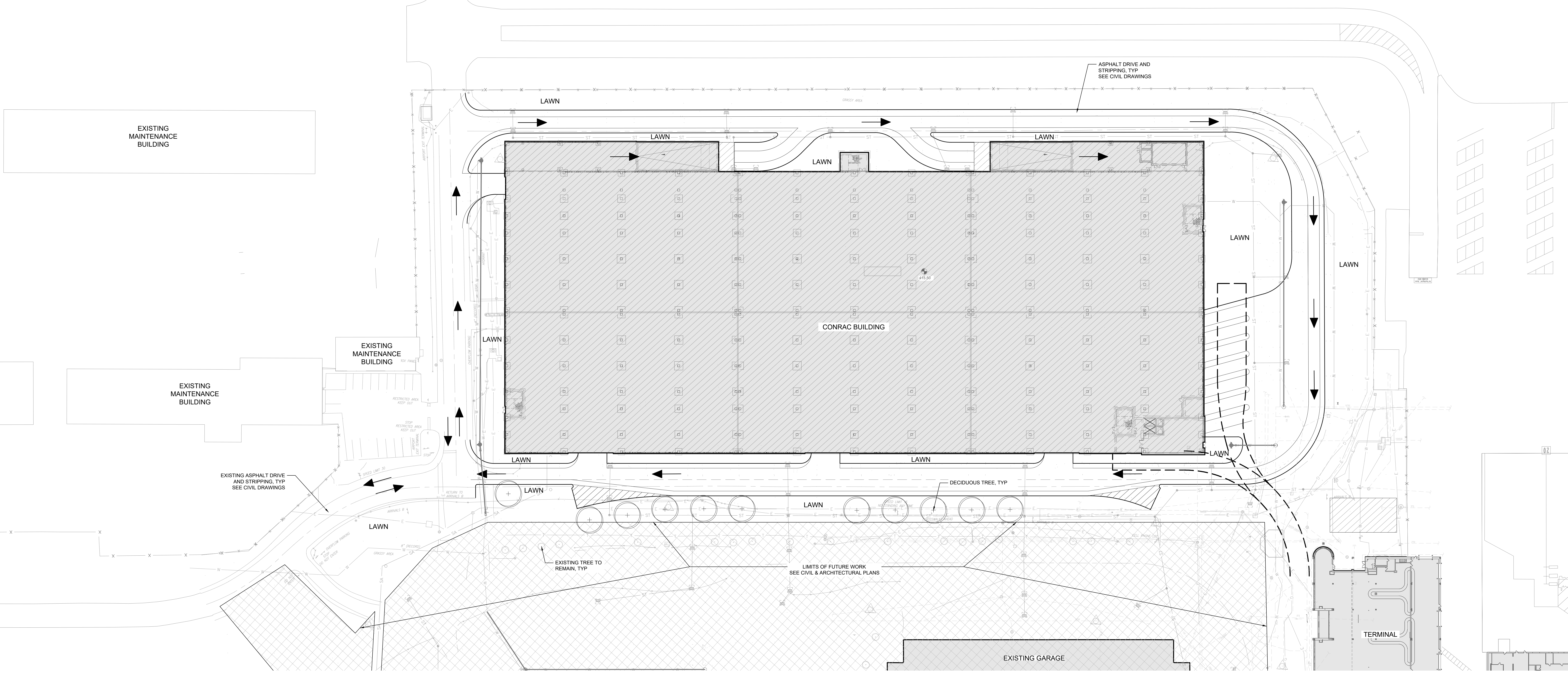


Revision Number	Revision Date

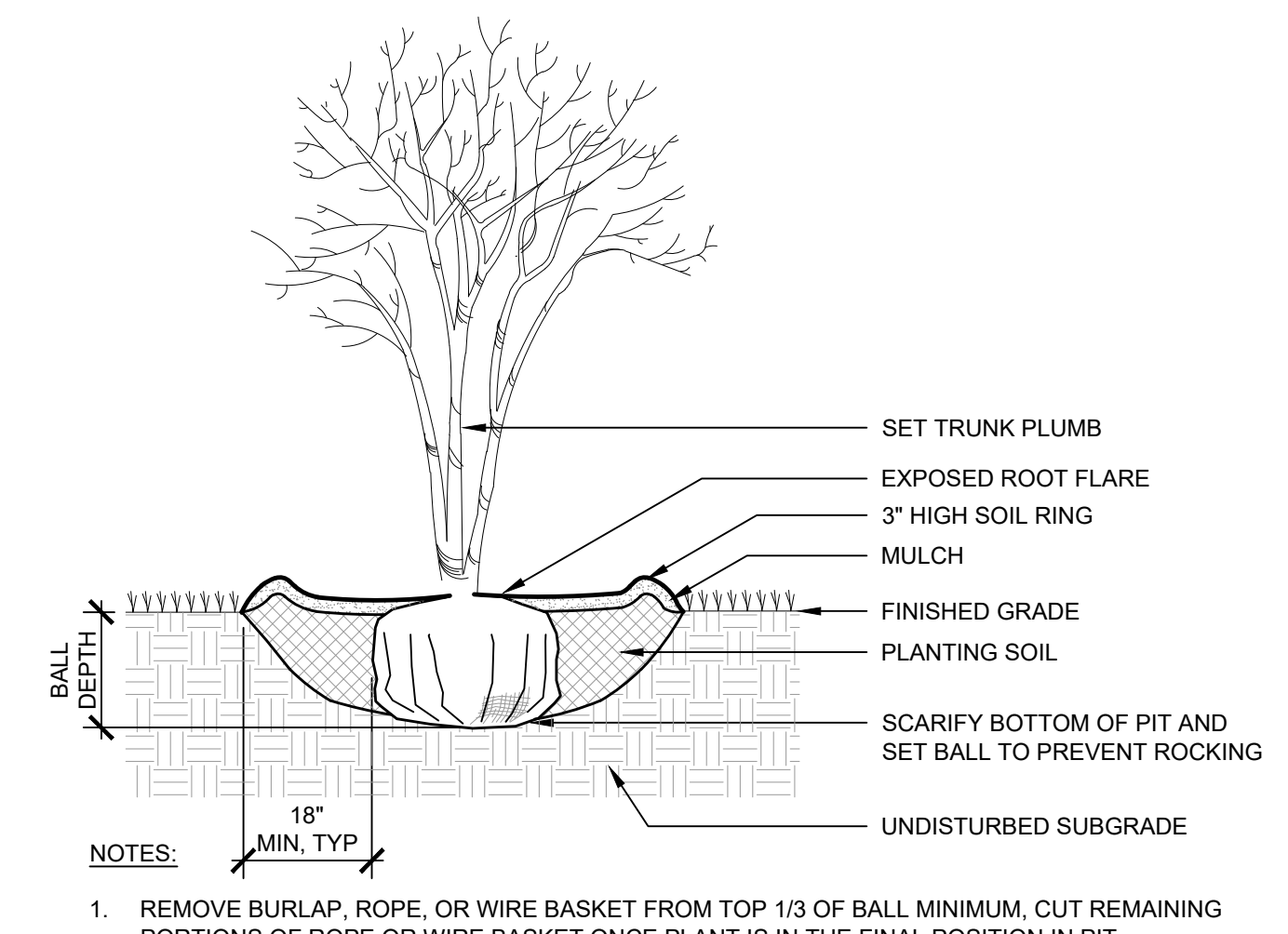
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Date	07/28/23	MLB
Drawn By	ACD	Checked By
		MJB
Job Number	220450.00	TITLE

PAVEMENT MARKING DETAILS - SHEET 3

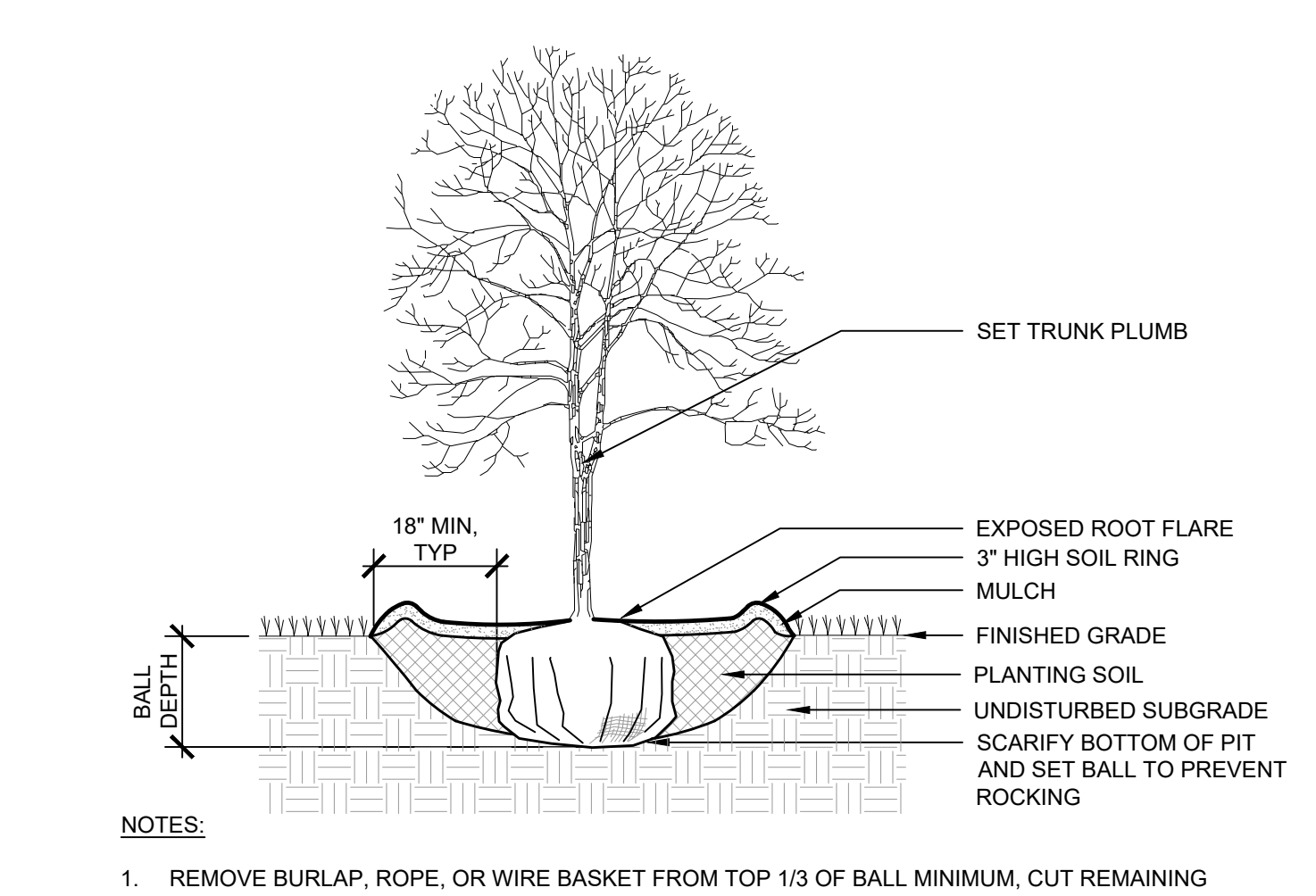
PLANTING SYMBOL LEGEND	
SYMBOL	ITEM
	DECIDUOUS TREES
	LAWN



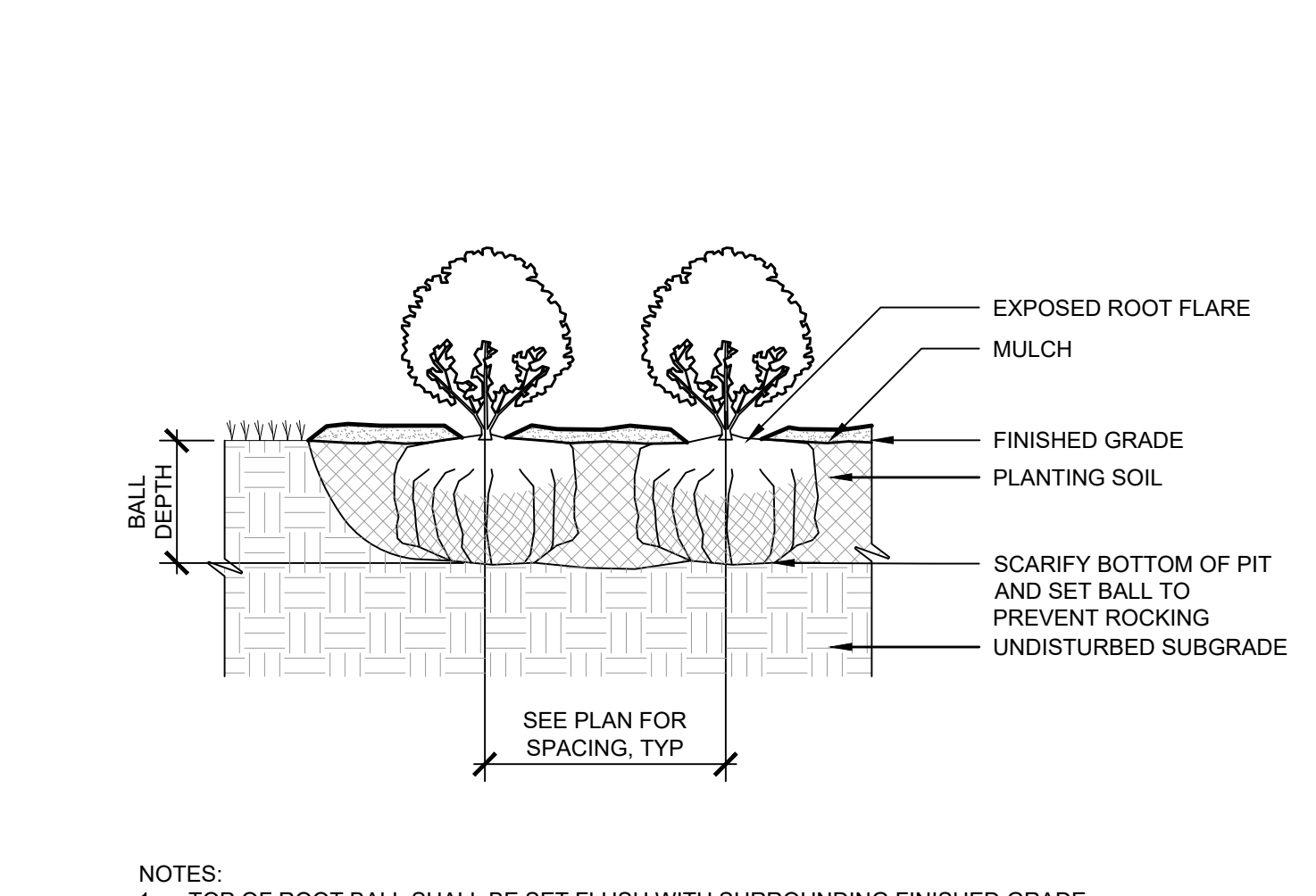
1 CONRAC PLANTING PLAN
 Scale: 1" = 40'-0"



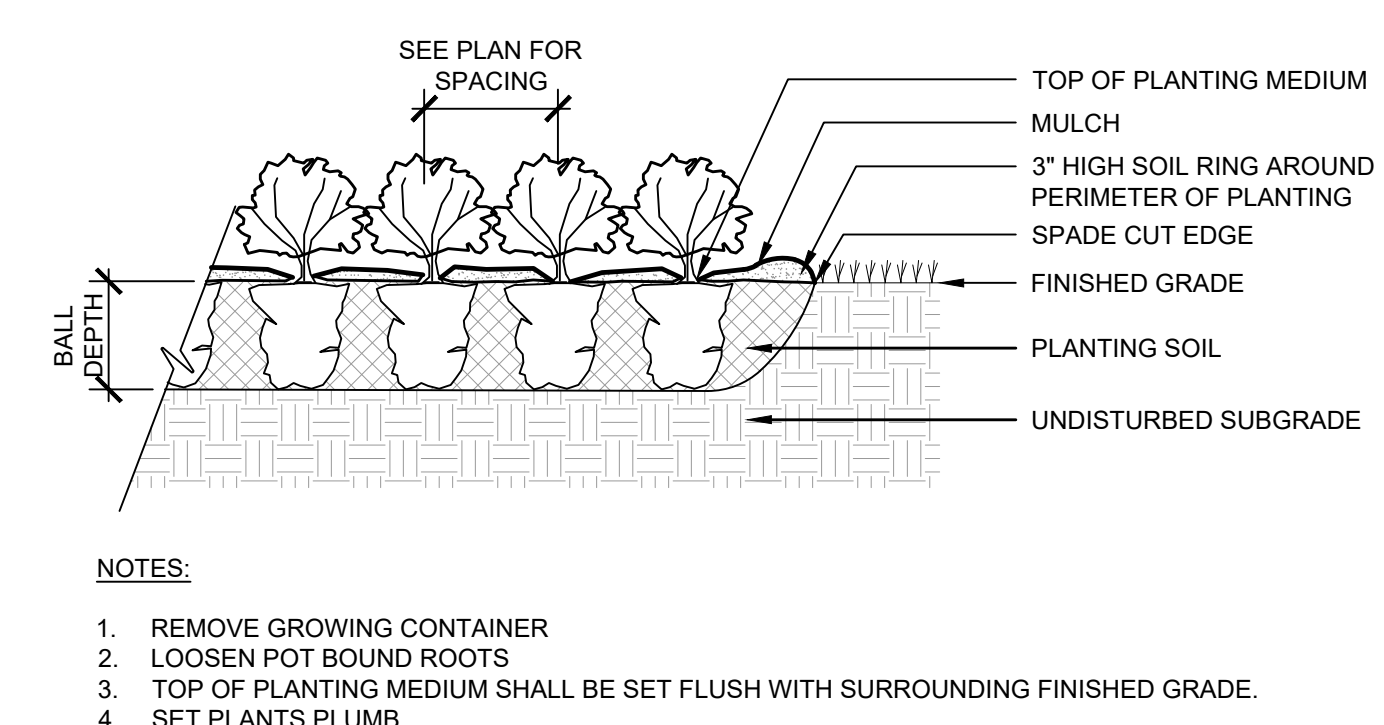
2 PLANTING - MULTI-STEM TREE
 Scale: NTS



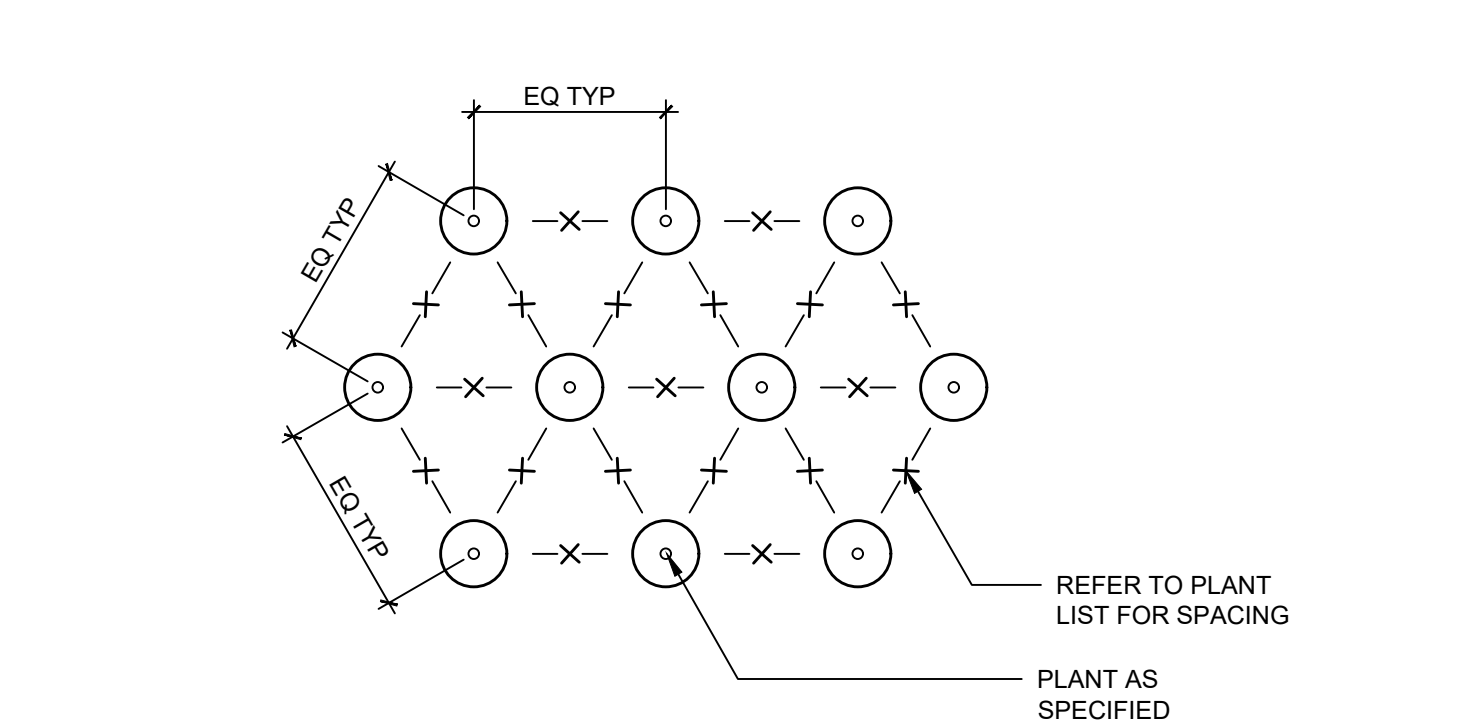
3 PLANTING - DECIDUOUS TREE
 Scale: NTS



4 PLANTING - SHRUB MASSING
 Scale: NTS WITH CONTINUOUS PLANT BED



5 PLANTING - PERENNIAL & GROUND COVER
 Scale: NTS MASSING - WITH CONTINUOUS PLANT BED



6 PLANTING - PLANT LAYOUT
 Scale: NTS

- NOTES**
- REFER TO PROJECT SPECIFICATIONS FOR DETAILED INFORMATION AND COORDINATE WITH PROJECT DRAWINGS.
 - THE CONTRACTOR SHALL USE THE WRITTEN DIMENSIONS PROVIDED WITHIN THE CONTRACT DRAWINGS. SCALED DIMENSIONS SHALL NOT BE USED FOR CONSTRUCTION PURPOSES.
 - THE CONTRACTOR SHALL ADHERE TO ALL OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) STATE AND LOCAL SAFETY REGULATIONS.
 - PROMPTLY REPORT TO THE OWNER'S REPRESENTATIVE ANY DISCREPANCIES FOUND ON THE SITE OR IN THE CONTRACT DOCUMENTS FOR REVIEW AND RESOLUTION BEFORE PROCEEDING WITH THE WORK IN THE AREA IN QUESTION. PROVIDE FIELD INFORMATION SPECIFIC TO THE DISCREPANCY TO EXPEDITE RESOLUTION.
 - AVOID ANY DISTURBANCE OF EXISTING VEGETATION ON THE SITE EXCEPT THE VEGETATION SPECIFICALLY DESIGNATED TO BE REMOVED.
 - TAKE ALL PRECAUTIONS NECESSARY TO PREVENT EROSION AND CONTROL SEDIMENTATION AS REQUIRED BY THE AGENCIES OF GOVERNMENT HAVING JURISDICTION. LONG LEAD AND SCARCER MATERIALS SHALL BE ORDERED IN A TIMELY MANNER TO PREVENT AVOIDABLE CONSTRUCTION DELAYS.
 - THE CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE CAUSED BY CONSTRUCTION TO EXISTING UTILITIES AND FACILITIES WHICH ARE NOT INCLUDED AS PART OF THE INTENDED WORK. THE CONTRACTOR SHALL REPAIR, RESTORE AND/OR REPLACE ALL DAMAGE TO THE SATISFACTION OF OWNER'S REPRESENTATIVE AT NO ADDITIONAL COST TO THE OWNER.
 - THE CONTRACTOR SHALL RESTORE ALL DISTURBED SURFACES TO ORIGINAL OR BETTER CONDITION INCLUDING 6 INCHES OF TOPSOIL, SEED, FERTILIZER, AND MULCH. OTHER SURFACES SHALL BE RESTORED AS SHOWN ON THE DETAILS.
 - THE OWNER'S REPRESENTATIVE SHALL REVIEW THE LAYOUT OF ALL PAVEMENTS AND PLANTINGS IN THE FIELD BEFORE INSTALLATION. THE CONTRACTOR SHALL SCHEDULE ADVANCED NOTIFICATION TO THE OWNER'S REPRESENTATIVE TO FACILITATE TIMELY REVIEW.
 - TOP DRESS, SEED AND MULCH ALL LAWN AREAS DISTURBED BY THE CONSTRUCTION AS SOON AS THE FINISHED GRADING OPERATION IS COMPLETED.
 - THE CONTRACTOR SHALL ULTIMATELY BE RESPONSIBLE FOR LOCATING SOIL AND EXCESS EXCAVATED EARTH STOCK PILES AT A STABLE LOCATION. STOCK PILES SHALL BE STABILIZED PER THE DETAIL.

ABBREVIATIONS

HDPE HIGH DENSITY POLYETHYLENE
 PA PLANTING AREA
 HT HEIGHT
 TYP TYPICAL

KEY PLAN

ISSUE CHART

Revision Number	Revision Date

Scale: AS NOTED
 Drawn By: K. GIFFORD
 Checked By: D. PRIZZI
 Job Number: 220450.00

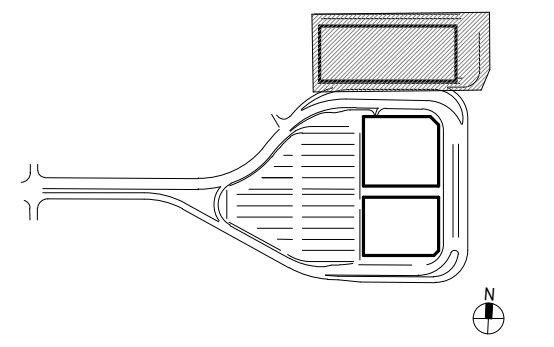
Project Manager: S. HOGAN
 Drawn By: K. GIFFORD
 Checked By: D. PRIZZI
 Job Number: 220450.00

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PRELIMINARY NOT - FOR CONSTRUCTION 07/28/23

KEY PLAN



ISSUE CHART

Revised	By	Reason	Date

Scale: AS NOTED
 Date: 07/28/23 Project Manager: JRK
 Drawn By: JRM Checked By: JRM
 Job Number: 3012.0100178.000
 TITLE

FOUNDATION & SLAB PLAN - PHASE 1

DRAWING NUMBER

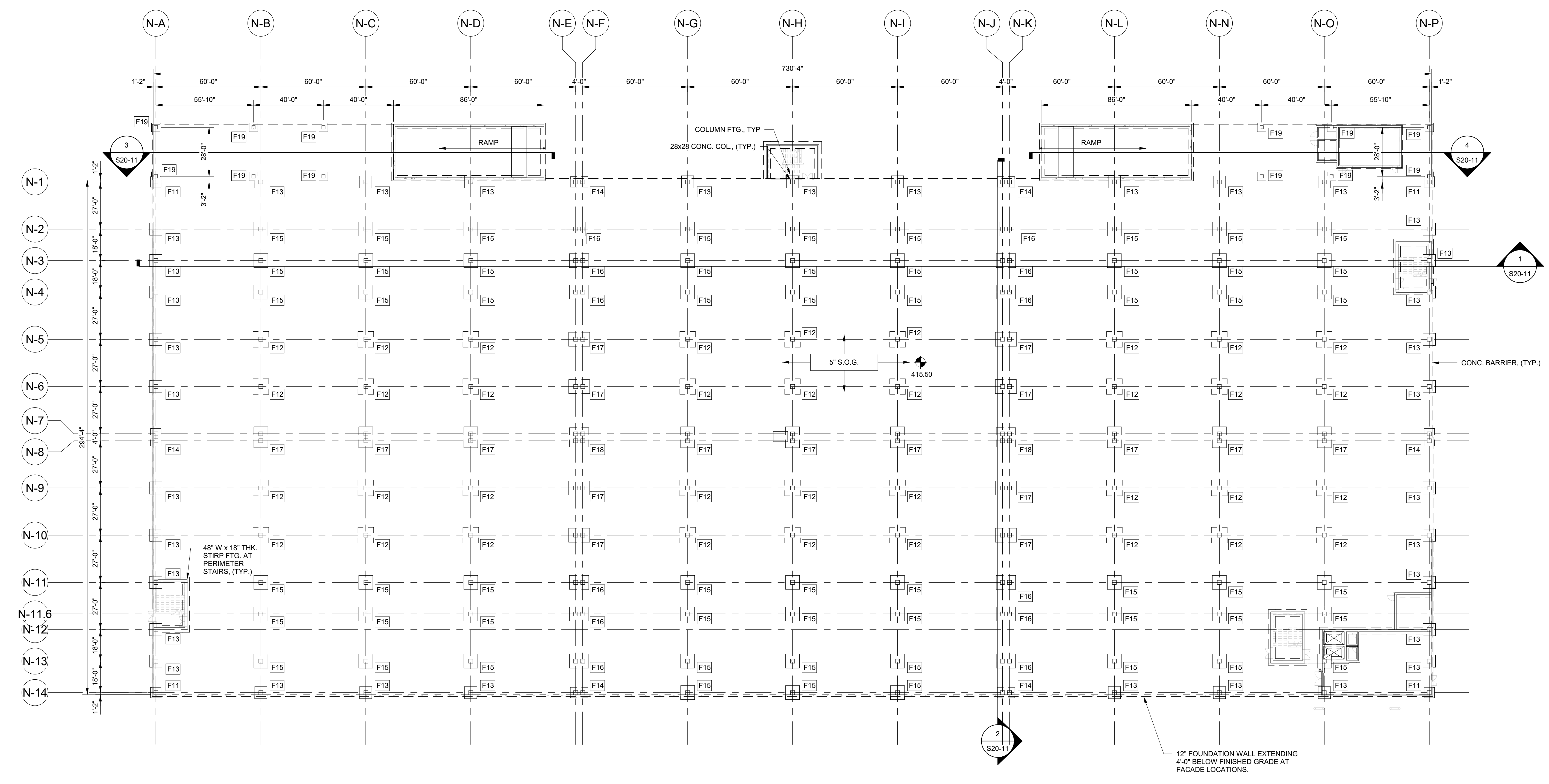
S10-11

FRAMING PLAN NOTES:

- FOR GENERAL NOTES SEE SHEET S00-01.
- ALL ELEVATIONS SHOWN ARE NAVD 88.
- TOP OF SLAB ELEVATION SHOWN IS THE BASE ELEVATION. ACTUAL ELEVATION VARIES TO PROVIDE SLOPE TO DRAIN. SEE PLUMBING DRAWINGS FOR DRAIN LOCATIONS.
- TOP OF BEAMS MATCH THE TOP OF SLAB AND WILL BE SLOPED ALSO.
- SLAB THICKNESS AS SHOWN ON THE PLANS.
- BEAM AND COLUMN SIZES AS SHOWN ON PLANS.
- U.N.O. WALLS AT THE STAIR AND ELEVATORS WILL BE 6" REINFORCED CONCRETE WALLS.
- PERIMETER VEHICULAR PROTECTION SYSTEM TO BE COMPOSED OF 1/2" DIA. 7 WIRE STRAND GALVANIZED SPACED AT 4" O.C. MAX. SEE ARCHITECTURAL WALL SECTIONS FOR DETAILS.

MATERIALS NOTES:

- FOUNDATIONS:
 - SEE NOTES ON FOUNDATION PLANS FOR FOOTING/PILE CAP SIZES
 - CONCRETE: F_c = 4000 PSI FOR COLUMN SPREAD FOOTINGS AND PILE CAPS; F_c = 3,000 PSI FOR OTHER RETAINING WALLS AND FOOTINGS
 - REINFORCEMENT: F_y = 60,000 PSI, UNCOATED
- SLAB-ON-GRADE:
 - FIBER REINFORCED CONCRETE SLAB, THICKNESS AS SHOWN ON PLANS.
 - CONCRETE: F_c = 4000 PSI, W/C MAX. 0.45
 - FIBERS TO BE STRIUK, OR APPROVED EQUAL, MIN. 2 LBS/CY OF CONCRETE
 - THE SLAB-ON-GRADE SHALL BE FOUND ON A MINIMUM 12" SUBBASE STONE, SEPARATED FROM INDIGENOUS SOIL BY A SEPARATION FABRIC
- COLUMNS:
 - REINFORCED CONCRETE: SIZE PER PLAN
 - CONCRETE: F_c = 5000 PSI, W/C MAX. 0.40, SILICA FUME MIN. 40 LBS/CY
 - REINFORCEMENT: F_y = 60,000 PSI, EPOXY-COATED
- POST-TENSIONED BEAMS/SLAB:
 - CAST-IN-PLACE POST-TENSIONED: SIZE PER PLAN
 - CONCRETE: F_c = 5000 PSI 3000 PSI AT 3 DAYS; W/C MAX. 0.40, SILICA FUME MIN. 40 LBS/CY
 - BONDED REINFORCEMENT: F_y = 60,000 PSI, EPOXY-COATED; ALTERNATE FOR TOP BARS TO BE CHROMAX 4100
 - POST-TENSIONED REINFORCEMENT: UNBONDED SINGLE STRAND SYSTEM; SEVEN-WIRE 1/2" DIA. STRANDS; F_u = 270,000 PSI
- MISCELLANEOUS BEAMS AND STAIR/ELEVATOR WALLS:
 - REINFORCED CONCRETE: SIZE PER PLAN
 - CONCRETE: F_c = 5000 PSI, W/C MAX. 0.40, SILICA FUME MIN. 40 LBS/CY
 - REINFORCEMENT: F_y = 60,000 PSI, EPOXY-COATED



FOUNDATION & SLAB PLAN - PHASE 1
 SCALE: 1" = 30'-0"

- NOTES:**
- PRELIMINARY SPREAD FOOTING SIZES ARE BASED ON AN ALLOWABLE BEARING CAPACITY OF 7.5 KSF ACHIEVED THRU GROUND IMPROVEMENT. IT IS ASSUMED A 6" THICK WELL GRADED GRANULAR MATERIAL LOAD TRANSFER PLATFORM WILL BE REQUIRED BELOW EACH FOOTING.
 - PRELIMINARY PILE FOUNDATIONS ARE BASED ON A 14" PIPE PILE DRIVEN TO A DEPTH OF 60-65 FEET WITH AN ALLOWABLE LOAD OF 150 KIPS PER PILE.

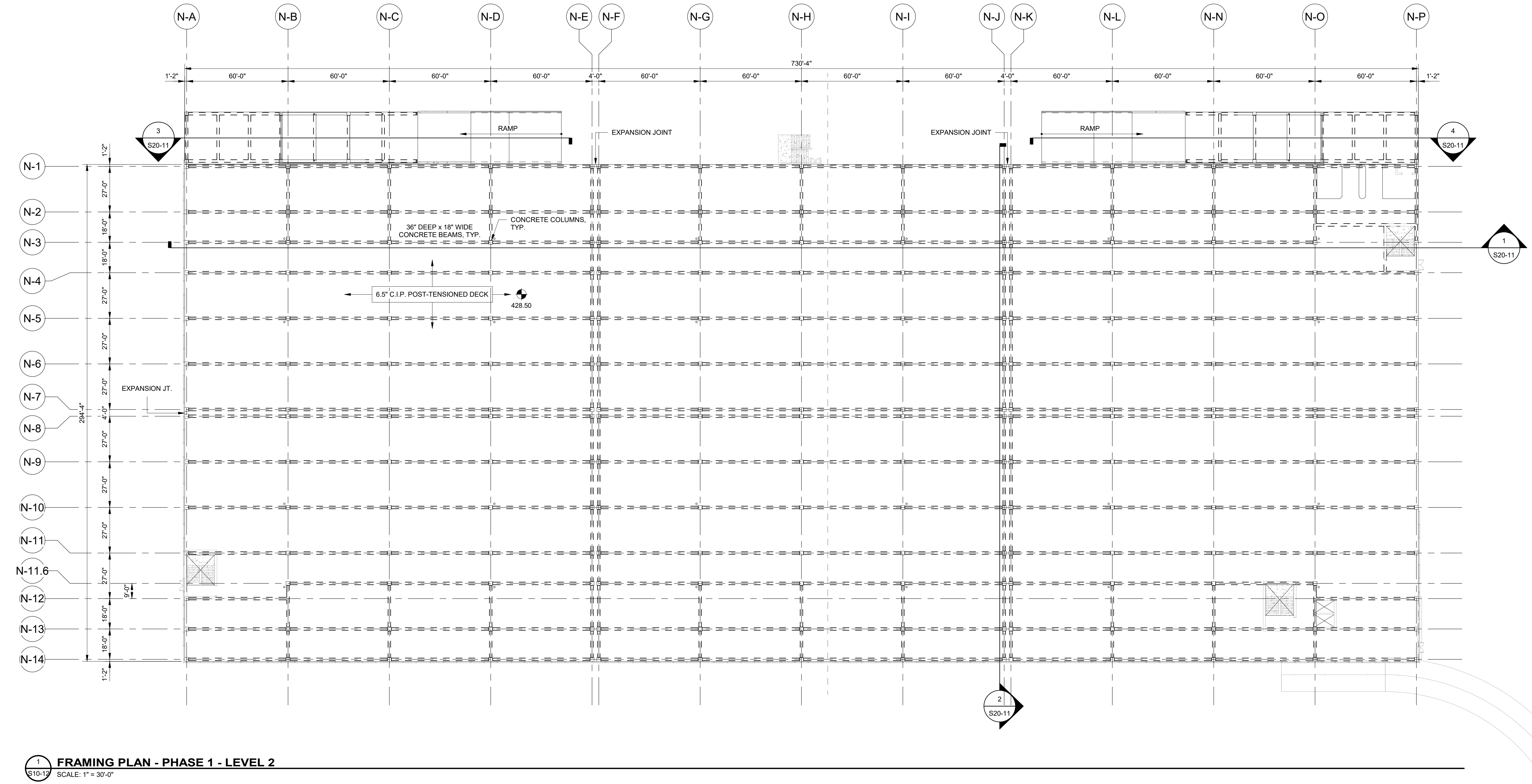
CONRAC/GTC GARAGE									
OPTION 1: SPREAD FOOTING SCHEDULE					OPTION 2: PILE FOOTING SCHEDULE				
TYPE MARK	WIDTH	LENGTH	THICKNESS	NUMBER OF PILES	TYPE MARK	WIDTH	LENGTH	THICKNESS	NUMBER OF PILES
F11	6'-0"	6'-0"	2'-0"	4	F11	6'-0"	6'-0"	3'-0"	4
F12	9'-0"	9'-0"	2'-0"	4	F12	6'-6"	6'-6"	3'-0"	4
F13	7'-0"	7'-0"	2'-0"	4	F13	6'-6"	6'-6"	3'-0"	4
F14	6'-0"	10'-0"	2'-0"	5	F14	6'-6"	10'-0"	3'-0"	5
F15	9'-0"	9'-0"	2'-0"	4	F15	6'-6"	6'-6"	3'-0"	4
F16	8'-0"	11'-0"	2'-0"	5	F16	6'-6"	10'-0"	3'-0"	5
F17	8'-0"	12'-0"	2'-0"	5	F17	6'-6"	10'-0"	3'-0"	5
F18	11'-0"	11'-0"	2'-6"	7	F18	10'-0"	10'-0"	3'-6"	7
F19	9'-0"	9'-0"	2'-0"	3	F19	6'-6"	6'-6"	3'-0"	3

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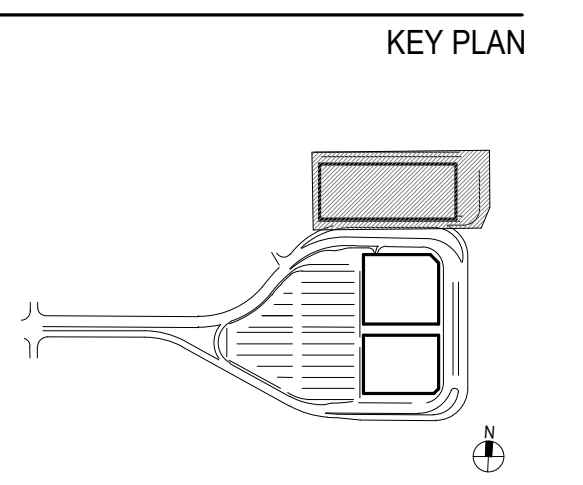
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- FRAMING PLAN NOTES:**
- FOR GENERAL NOTES SEE SHEET 900-01.
 - ALL ELEVATIONS SHOWN ARE NAVD 88.
 - TOP OF SLAB ELEVATION SHOWN IS THE BASE ELEVATION. ACTUAL ELEVATION VARIES TO PROVIDE SLOPE TO DRAIN. SEE PLUMBING DRAWINGS FOR DRAIN LOCATIONS.
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 - BEAM AND COLUMN SIZES AS SHOWN ON PLANS.
 - U.N.O. WALLS AT THE STAIR AND ELEVATORS WILL BE 8" REINFORCED CONCRETE WALLS.
 - PERIMETER VEHICULAR PROTECTION SYSTEM TO BE COMPOSED OF 1/2" DIA. 7-WIRE STRAND, GALVANIZED SPACED AT 4' O.C. MAX. SEE ARCHITECTURAL WALL SECTIONS FOR DETAILS.

- MATERIAL NOTES:**
- FOUNDATIONS:
 - SEE NOTES ON FOUNDATION PLANS FOR FOOTING/PILE CAP SIZES
 - CONCRETE: F_c = 4000 PSI FOR COLUMN SPREAD FOOTINGS AND PILE CAPS; F_c = 3,000 PSI FOR OTHER RETAINING WALLS AND FOOTINGS
 - REINFORCEMENT: F_y = 60,000 PSI, UNCOATED
 - SLAB-ON-GRADE:
 - FIBER REINFORCED CONCRETE SLAB, THICKNESS AS SHOWN ON PLANS.
 - CONCRETE: F_c = 4000 PSI, W/C MAX. 0.45
 - FIBERS TO BE STRUX, OR APPROVED EQUAL, MIN. 2 LBS/CY OF CONCRETE
 - THE SLAB-ON-GRADE SHALL BE FOUNDED ON A MINIMUM 12" SUBBASE STONE, SEPARATED FROM INDIGENOUS SOIL BY A SEPARATION FABRIC.
 - COLUMNS:
 - REINFORCED CONCRETE: SIZE PER PLAN
 - CONCRETE: F_c = 5000 PSI, W/C MAX. 0.40, SILICA FUME MIN. 40 LB/CY
 - REINFORCEMENT: F_y = 60,000 PSI, EPOXY-COATED
 - POST-TENSIONED BEAMS/SLAB:
 - CAST-IN-PLACE POST-TENSIONED: SIZE PER PLAN
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 - BONDED REINFORCEMENT: F_y = 60,000 PSI, EPOXY-COATED, ALTERNATE FOR TOP BARS TO BE CHROMA 4100
 - POST-TENSIONED REINFORCEMENT: UNBONDED SINGLE STRAND SYSTEM, SEVEN-WIRE 1/2" DIA. STRANDS, F_u = 270,000 PSI
 - MISCELLANEOUS BEAMS AND STAIR/ELEVATOR WALLS:
 - REINFORCED CONCRETE: SIZE PER PLAN
 - CONCRETE: F_c = 5000 PSI, W/C MAX. 0.40, SILICA FUME MIN. 40 LB/CY
 - REINFORCEMENT: F_y = 60,000 PSI, EPOXY-COATED



1 FRAMING PLAN - PHASE 1 - LEVEL 2
 SCALE: 1" = 30'-0"



ISSUE CHART

Revised	Revision	Revision Date

Scale: AS NOTED
 Date: 07/28/23 Project Manager: JRK
 Drawn By: JMK Checked By: JRK
 Job Number: 3012.0100170.000
 TITLE

FRAMING PLAN - PHASE 1 - LEVEL 2

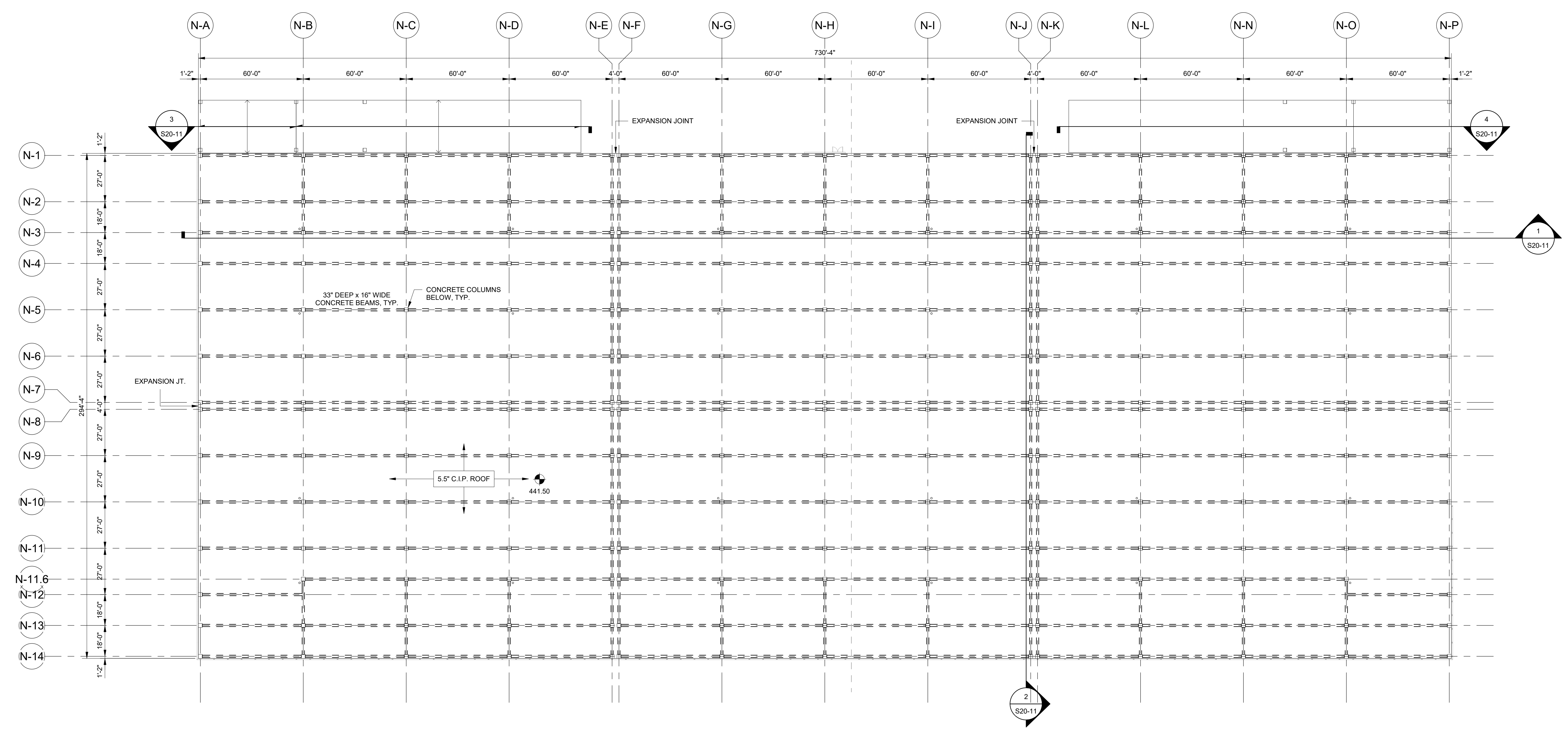
DRAWING NUMBER
S10-12

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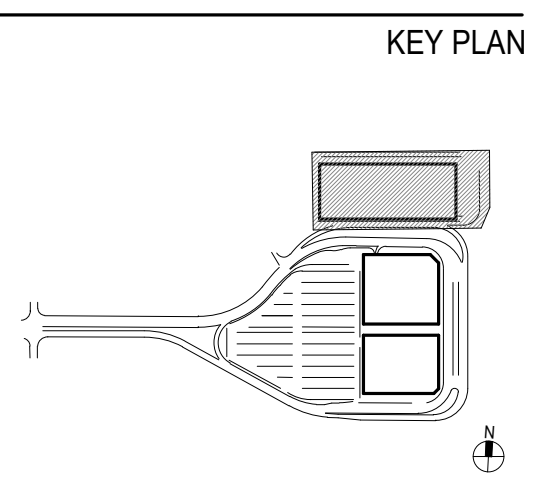
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- MATERIAL NOTES:**
- FOUNDATIONS:
 - SEE NOTES ON FOUNDATION PLANS FOR FOOTING/PILE CAP SIZES.
 - CONCRETE: F_c = 4000 PSI FOR COLUMN SPREAD FOOTINGS AND PILE CAPS; F_c = 3000 PSI FOR OTHER RETAINING WALLS AND FOOTINGS
 - REINFORCEMENT: F_y = 60,000 PSI UNCOATED
 - SLAB-ON-GRADE:
 - FIBER REINFORCED CONCRETE SLAB, THICKNESS AS SHOWN ON PLANS.
 - CONCRETE: F_c = 4000 PSI, W/C MAX. 0.45
 - FIBERS TO BE STRUX. OR APPROVED EQUAL, MIN. 2 LBS/CY OF CONCRETE
 - THE SLAB-ON-GRADE SHALL BE FOUNDED ON A MINIMUM 12" SUBBASE STONE, SEPARATED FROM INDIGENOUS SOIL BY A SEPARATION FABRIC
 - COLUMNS:
 - REINFORCED CONCRETE, SIZE PER PLAN
 - CONCRETE: F_c = 5000 PSI, W/C MAX. 0.40, SILICA FUME MIN. 40 LB/CY
 - REINFORCEMENT: F_y = 60,000 PSI EPOXY-COATED
 - POST-TENSIONED BEAMS/SLAB:
 - CAST-IN-PLACE POST-TENSIONED, SIZE PER PLAN
 - CONCRETE: F_c = 5000 PSI (2000 PSI AT 3 DAYS), W/C MAX. 0.40, SILICA FUME MIN. 40 LB/CY
 - BONDED REINFORCEMENT: F_y = 60,000 PSI EPOXY-COATED, ALTERNATE FOR TOP BARS TO BE CHROMAX-4100
 - POST-TENSIONED REINFORCEMENT: UNBONDED SINGLE STRAND SYSTEM, SEVEN-WIRE 1/2" DIA. STRANDS; F_u = 270,000 PSI
 - MISCELLANEOUS BEAMS AND STAIR/ELEVATOR WALLS:
 - REINFORCED CONCRETE, SIZE PER PLAN
 - CONCRETE: F_c = 5000 PSI, W/C MAX. 0.40, SILICA FUME MIN. 40 LB/CY
 - REINFORCEMENT: F_y = 60,000 PSI EPOXY-COATED



FRAMING PLAN - PHASE 1 - ROOF LEVEL
 SCALE: 1" = 30'-0"



ISSUE CHART

Revised	Revision	Revision Date

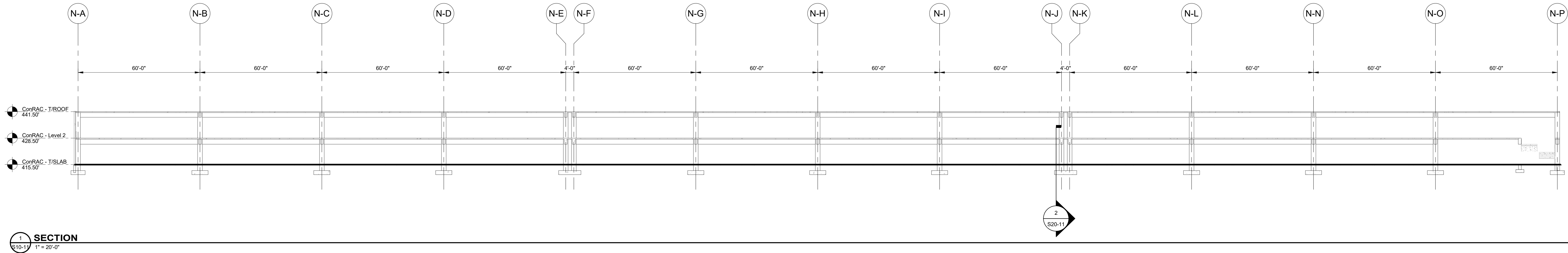
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Drawn By: JMKW	Checked By: JRK
Job Number: 3012.0100170.000	TITLE

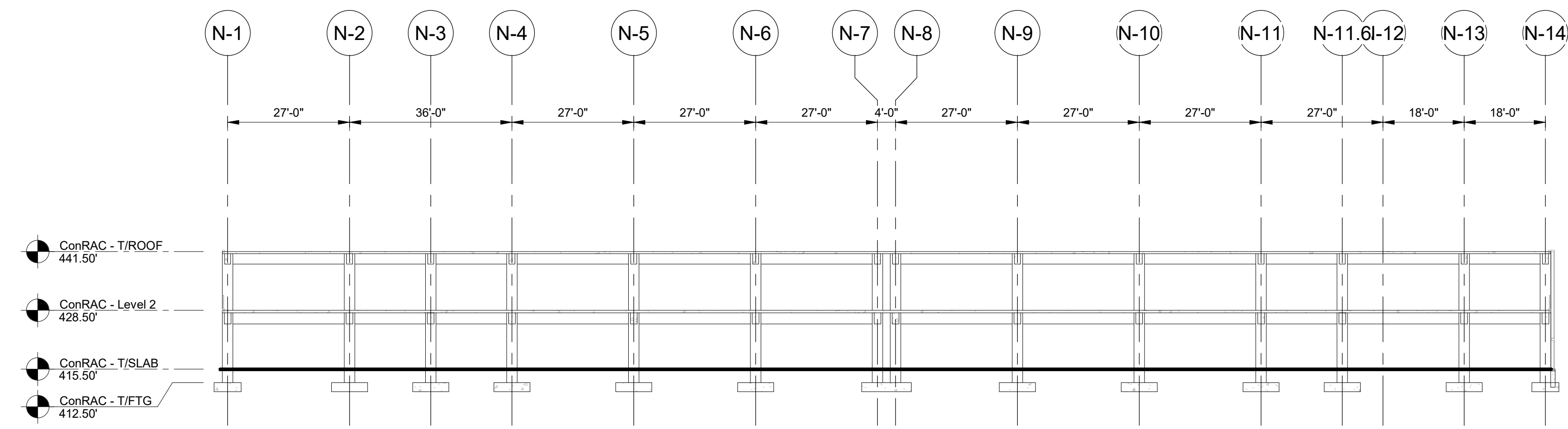
FRAMING PLAN - PHASE 1 - ROOF LEVEL

DRAWING NUMBER
S10-13

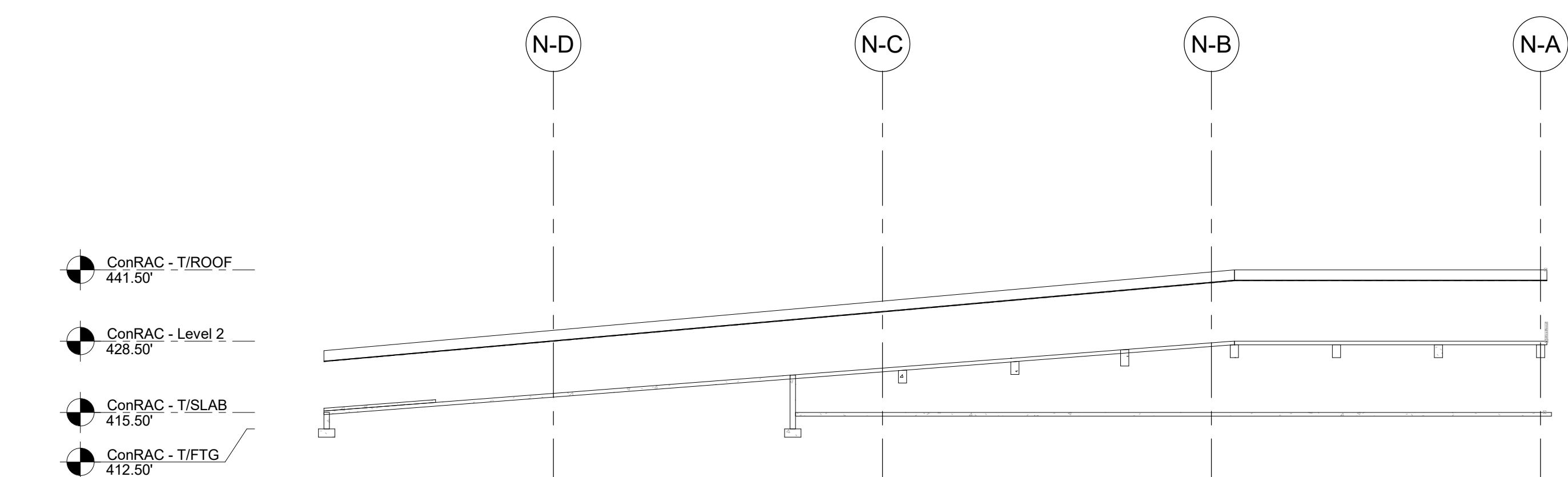
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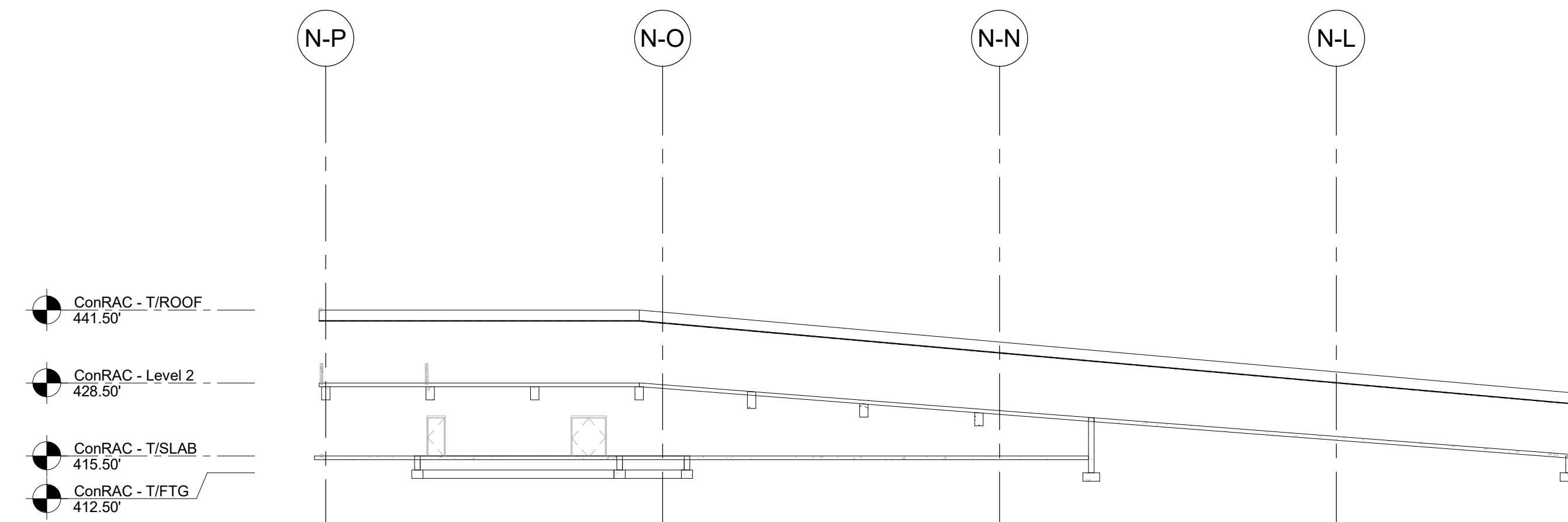
SECTION 1
1" = 20'-0"



SECTION 2
1" = 20'-0"

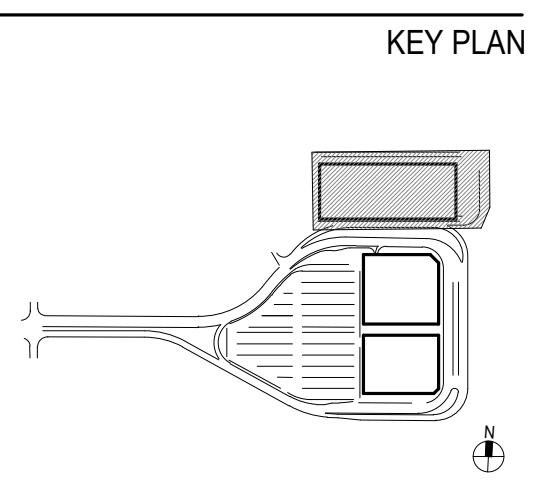


SECTION 3
1" = 20'-0"



SECTION 4
1" = 20'-0"

PRELIMINARY NOT - FOR CONSTRUCTION 07/28/23



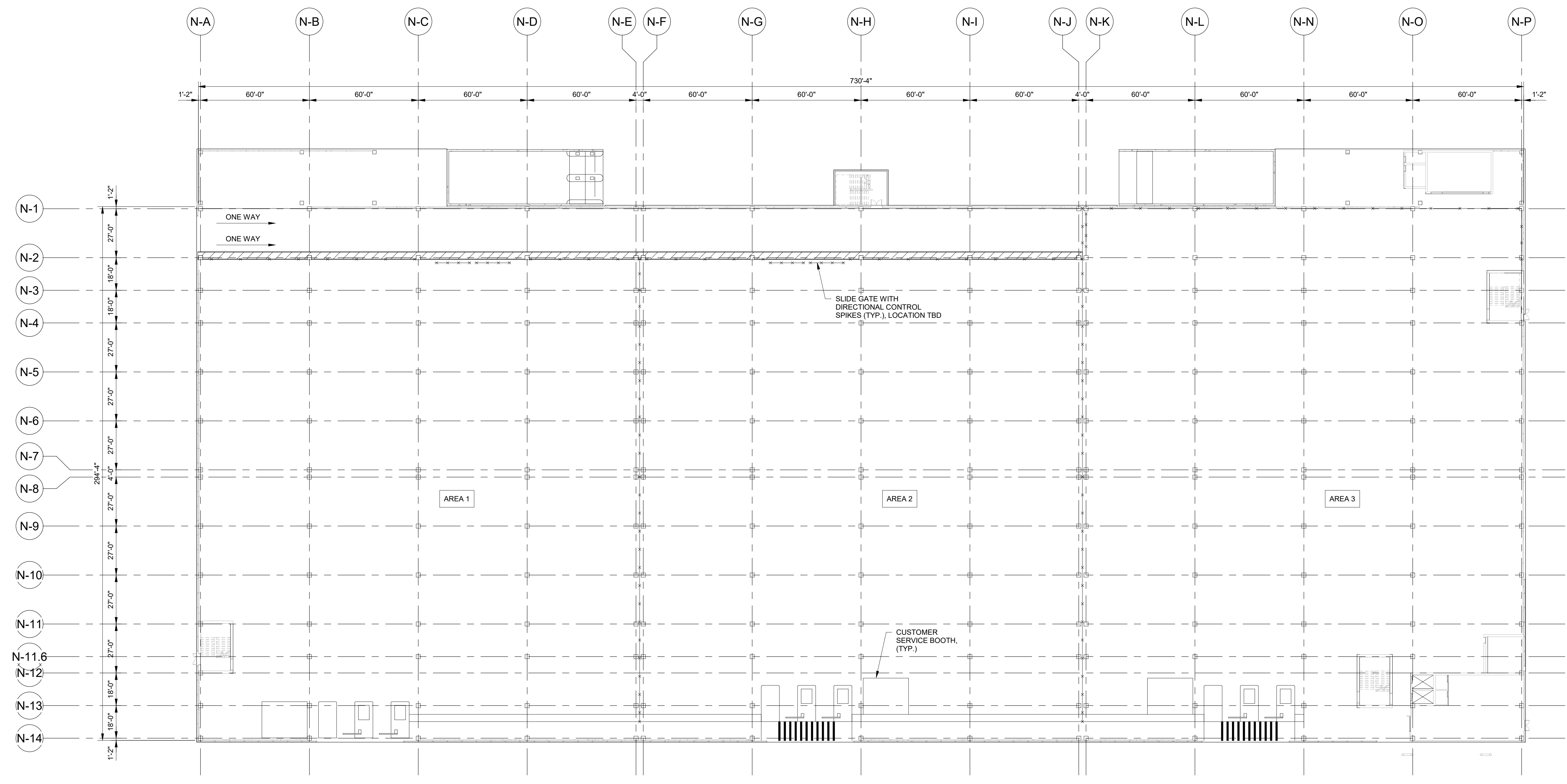
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Revised	By	Reason	Date

Scale: AS NOTED

Date: 07/28/23	Project Manager: JRK
Drawn By: JMW	Checked By: JRK
Job Number: 3012.0100178.000	TITLE

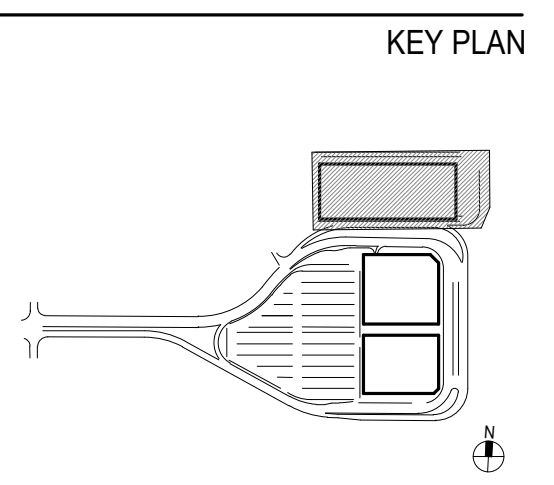
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STRIPING PLAN - PHASE 1 - LEVEL 1
 SCALE: 1" = 30'-0"

PARKING STALL SUMMARY		
LEVEL	TOTAL SPACES	ADA SPACES
GROUND	632	14
TOTAL	632	14

PRELIMINARY NOT - FOR CONSTRUCTION 07/28/23



ISSUE CHART

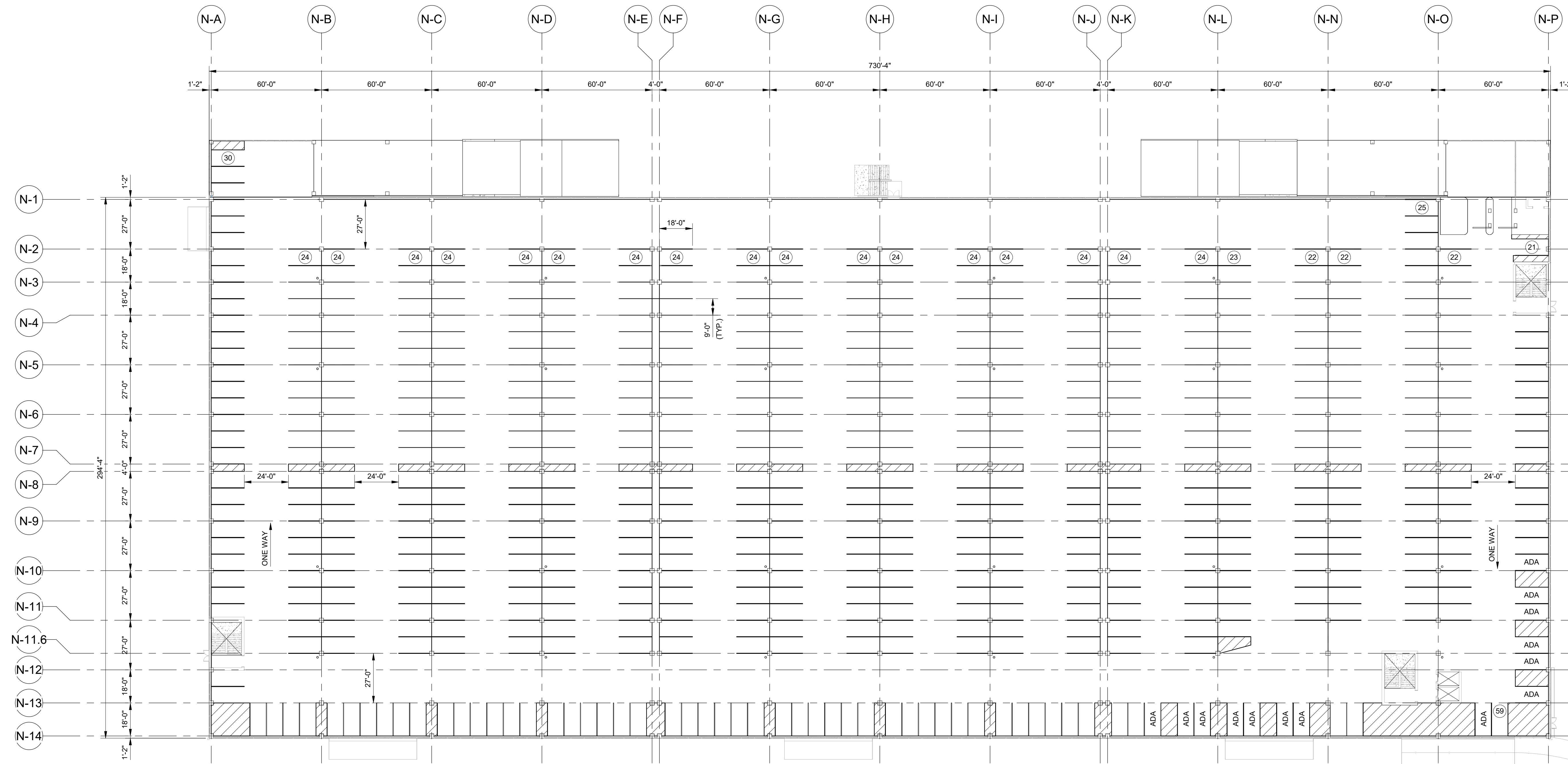
Revised	Revision	Revision Date

Scale: AS NOTED
 Date: 07/28/23 Project Manager: JRK
 Drawn By: JMK Checked By: JRK
 Job Number: 3012.0100170.000

TITLE
STRIPING PLAN - PHASE 1 - LEVEL 1

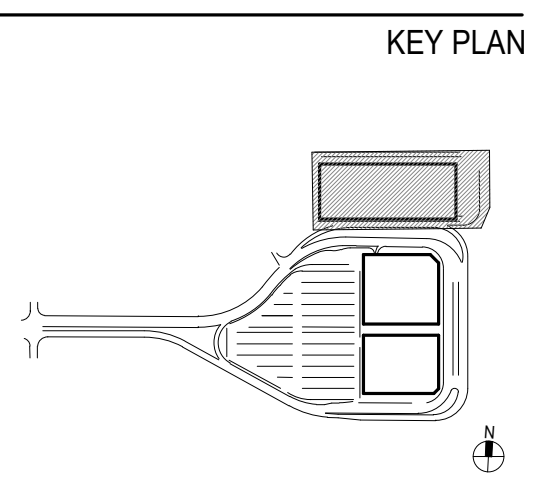
DRAWING NUMBER
S70-11

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1 STRIPING PLAN - PHASE 1 - LEVEL 2
SCALE: 1" = 30'-0"

PRELIMINARY NOT - FOR CONSTRUCTION 07/28/23



ISSUE CHART

Revised	Revised	Revision Date

Scale: AS NOTED
 Date: 07/28/23 Project Manager: JRK
 Drawn By: JMKW Checked By: JRK
 Job Number: 3012.0100170.000

TITLE
STRIPING PLAN - PHASE 1 - LEVEL 2

DRAWING NUMBER
S70-12

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PROJECT PHASING

PHASE 1 - INSTALL CONRAC BUILDING

PROJECT

Landside Design Study - ConRAC
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212
Syracuse Regional Airport Authority
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212

PROJECT MANAGEMENT & PLANNING
Landrum & Brown
 110 Wilson St, 2nd Fl.
 New York, NY 10038

ARCHITECT
Perkins & Will
 1250 Broadway, Suite 200
 New York, NY 10011

STRUCTURAL, ROADWAY DESIGN
Foit-Albert Associates
 285 Main Street, Suite 200
 Buffalo, New York 14203

ACCOUNTING
TYLin
 32 Old Slip, 10th Fl.
 New York, NY 10002

LIGHTING DESIGN
Currie & Brown
 12 East 49th Street, 11th Fl.
 New York, NY 10017

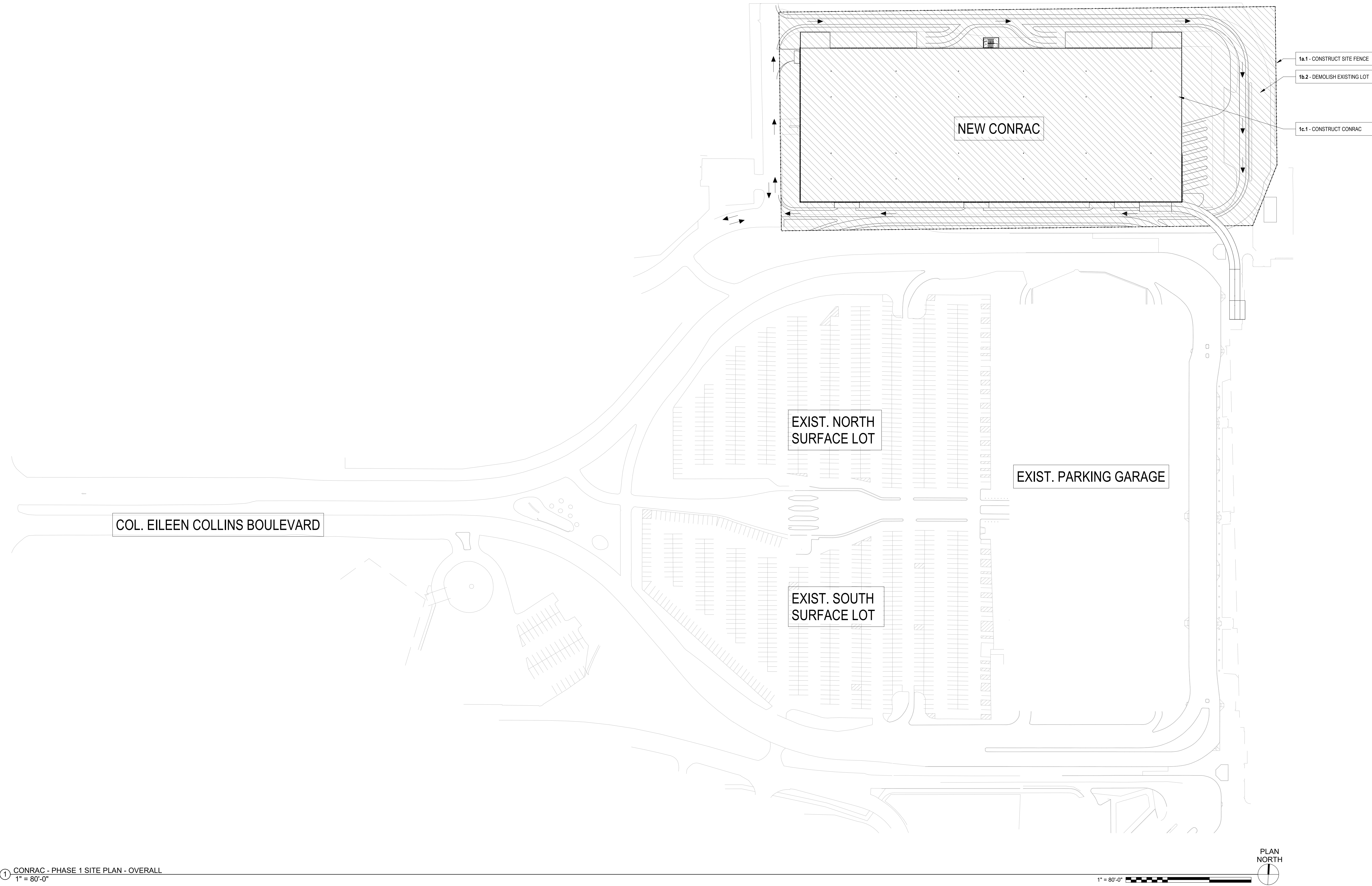
SIGNAGE
Cline Bettridge Bernstein
 116 East 27th Street, 4th Fl.
 New York, NY 10010

LANDSCAPE
Airspace
 41 Flatbush Ave.
 Brooklyn, NY 11217

MEFP
EDR
 217 Montgomery St, Suite 1100
 Syracuse, NY 13202

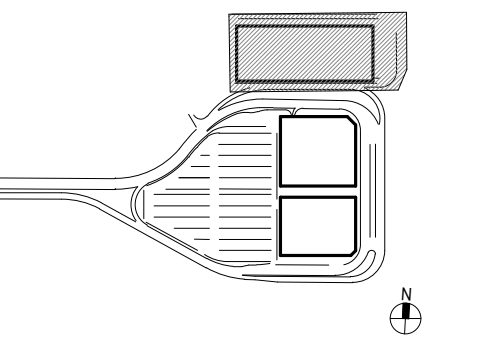
MEFP
PDG
 555 Penhock Drive
 Penfield, NY 14526

PRELIMINARY NOT - FOR CONSTRUCTION 07/28/23



1 CONRAC - PHASE 1 SITE PLAN - OVERALL
 1" = 80'-0"

KEY PLAN



ISSUE CHART

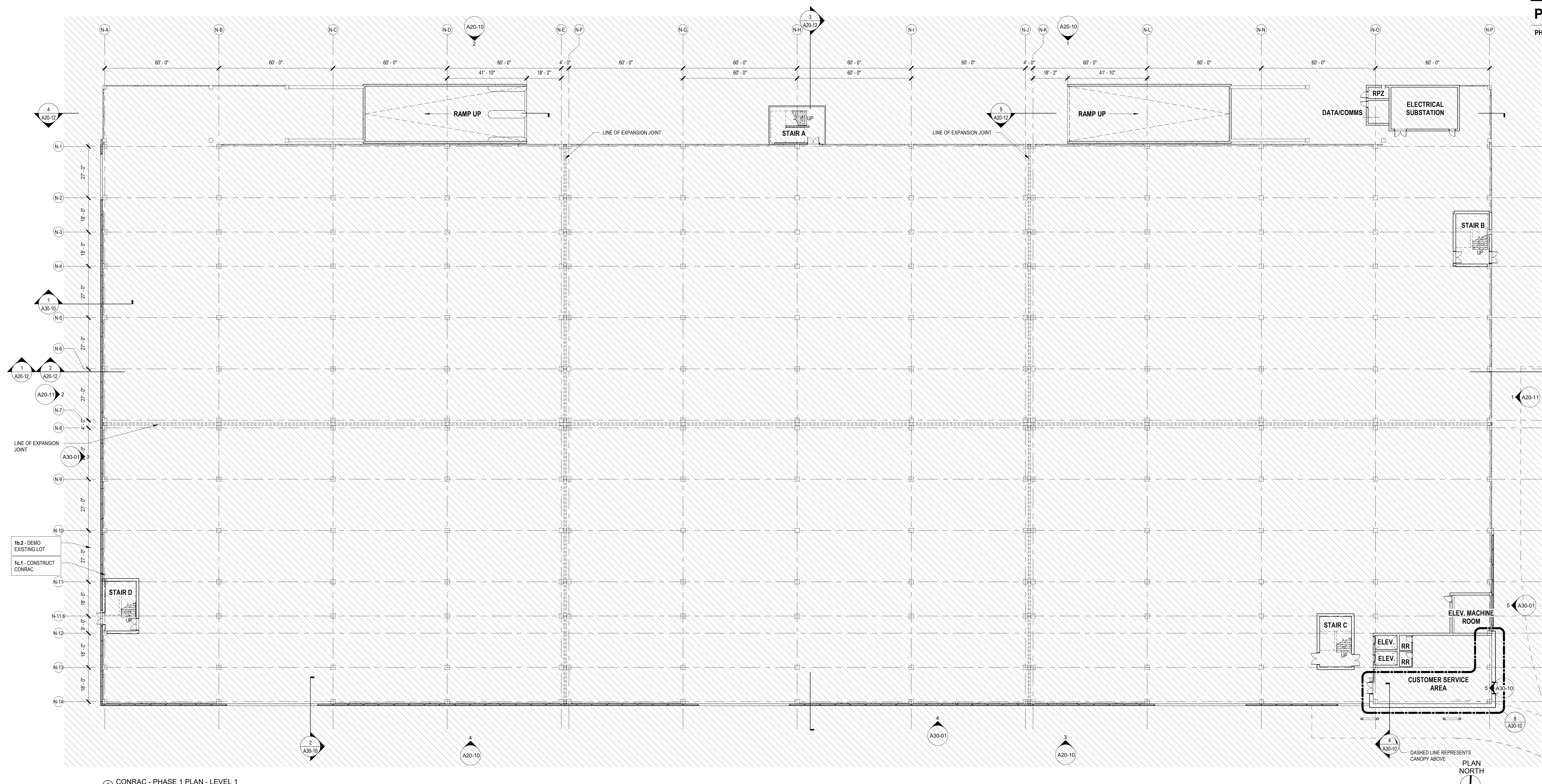
Revised/Revised	Revision/Date

Scale: AS NOTED	
Date: 07/28/23	Project Manager: DM
Drawn By: FA	Checked By: JG
Job Number: 220450.00	

TITLE
CONRAC - PHASE 1 SITE PLAN - OVERALL

DRAWING NUMBER
A01-00

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PROJECT PHASING
PHASE 1 - INSTALL CONRAC BUILDING

PROJECT

SYRACUSE HANCOCK INTERNATIONAL AIRPORT

Landside Design Study - CONRAC
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212
 Syracuse Regional Airport Authority
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212

PROJECT MANAGEMENT & PLANNING

Landrum & Brown
 110 Wilson St, 2nd Fl.
 New York, NY 10038

ARCHITECT

Perkins & Will
 1250 Broadway, Suite 200
 New York, NY 10031

Foit-Albert Associates
 285 Main Street, Suite 200
 Buffalo, New York 14203

STRUCTURAL, ROADWAY DESIGN

TYLin
 32 Old St., 10th Fl.
 New York, NY 10002

ACCOUNTING

Currie & Brown
 12 East 49th Street, 11th Fl.
 New York, NY 10017

LIGHTING DESIGN

Cline Bettridge Bernstein
 116 East 27th Street, 4th Fl.
 New York, NY 10010

SIGNAGE

Airspace
 41 Flatbush Ave.
 Brooklyn, NY 11217

LANDSCAPE

EDR
 217 Montgomery St., Suite 1100
 Syracuse, NY 13202

MEFPF

PDG
 555 Pennekamp Drive
 Penfield, NY 14526

PRELIMINARY NOT - FOR CONSTRUCTION 07/28/23

KEY PLAN

ISSUE CHART

Revised Number	Revision Date

Scale: AS NOTED
 Date: 07/28/23 Project Manager: DM
 Drawn By: FA Checked By: JG
 Job Number: 220450.00

TITLE

CONRAC - PHASE 1 PLAN - LEVEL 1

DRAWING NUMBER

A10-11

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PROJECT PHASING
 PHASE 1 - INSTALL CONRAC BUILDING

PROJECT
SYRACUSE
 HANCOCK
 INTERNATIONAL AIRPORT
 Landside Design Study - ConRAC
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212
 Syracuse Regional Airport Authority
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212

PROJECT MANAGEMENT & PLANNING
Landrum & Brown
 110 Wilson St, 2nd Fl.
 New York, NY 10038

ARCHITECT
Perkins & Will
 1250 Broadway, Suite 200
 New York, NY 10001

STRUCTURAL, ROADWAY DESIGN
Foit-Albert Associates
 285 Main Street, Suite 200
 Buffalo, New York 14203

ACCOUNTING
TYLin
 32 Old Slip, 10th Fl.
 New York, NY 10002

LIGHTING DESIGN
Currie & Brown
 12 East 49th Street, 11th Fl.
 New York, NY 10017

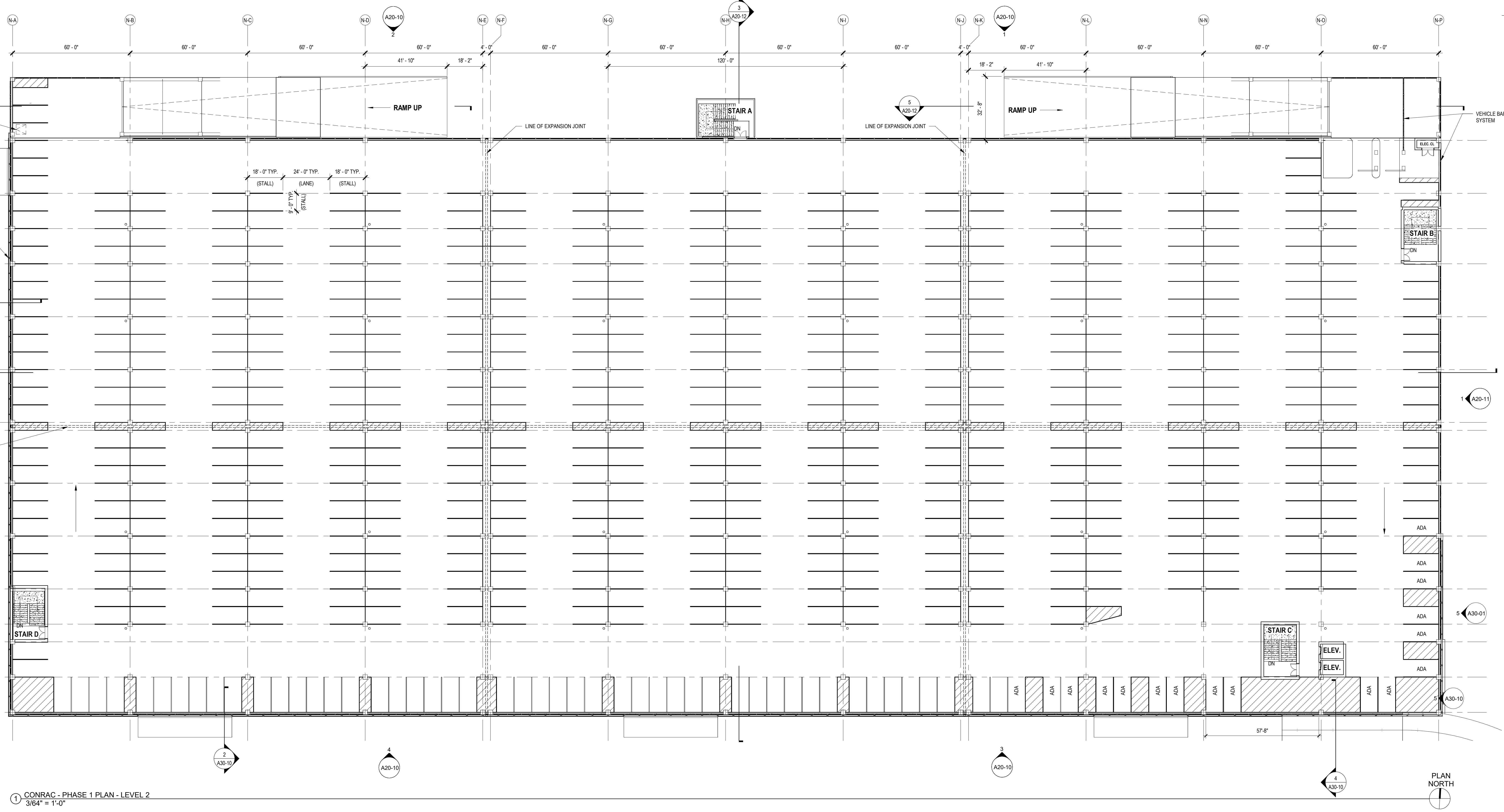
SIGNAGE
Cline Bettridge Bernstein
 116 East 27th Street, 4th Fl.
 New York, NY 10010

LANDSCAPE
Airspace
 41 Flatbush Ave.
 Brooklyn, NY 11217

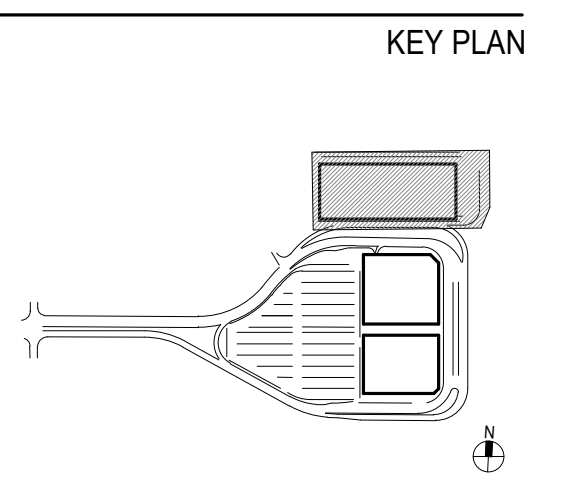
MEFPF
EDR
 217 Montgomery St, Suite 1100
 Syracuse, NY 13202

PDG
 555 Pennekamp Drive
 Penfield, NY 14526

PRELIMINARY NOT - FOR CONSTRUCTION 07/28/23



1 CONRAC - PHASE 1 PLAN - LEVEL 2
 3/64" = 1'-0"



ISSUE CHART

Revised	By	Reason	Date

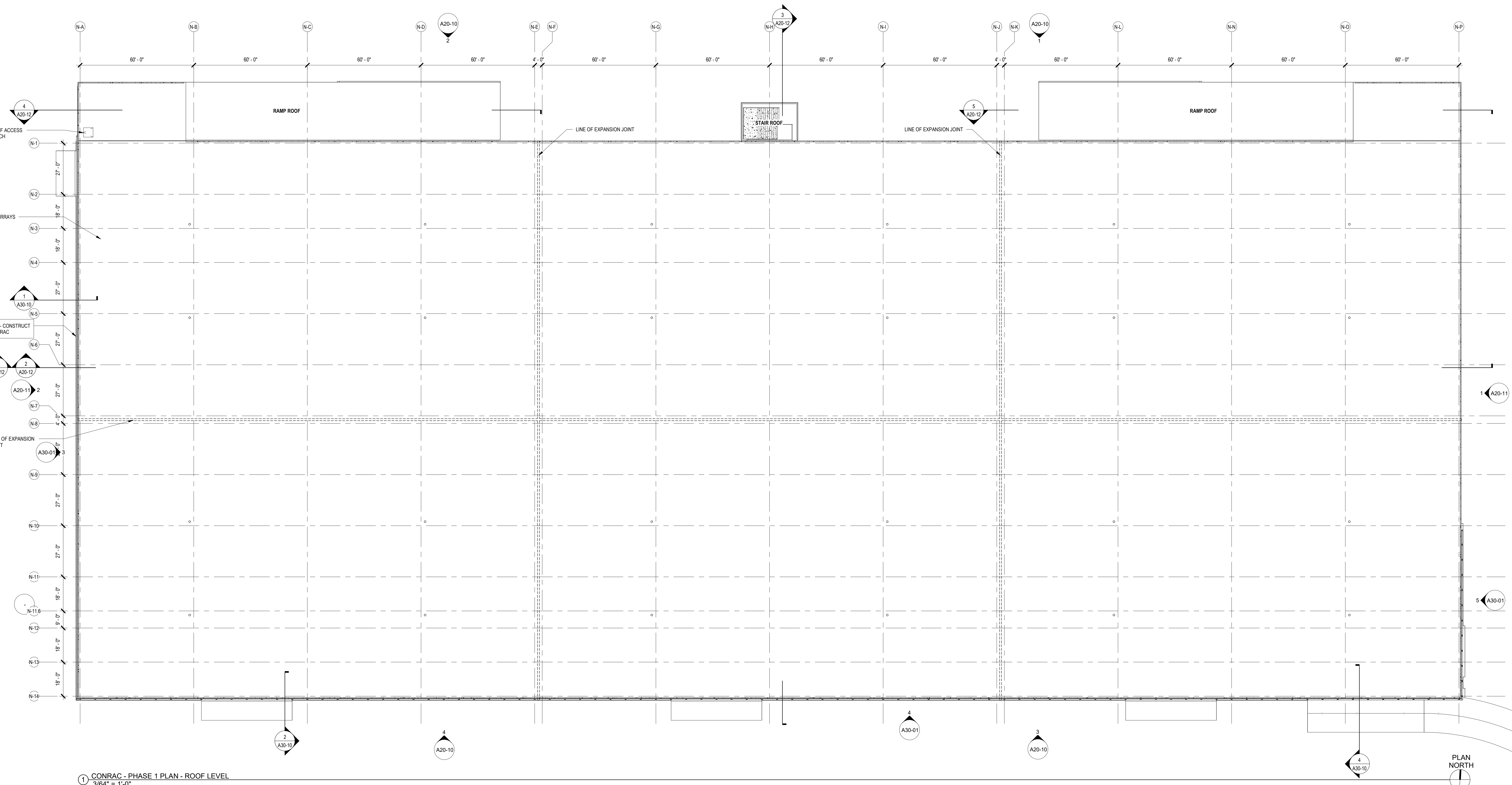
Scale: AS NOTED

Date: 07/28/23	Project Manager: DM
Drawn By: FA	Checked By: JG
Job Number: 220450.00	

TITLE
 CONRAC - PHASE 1 PLAN - LEVEL 2

DRAWING NUMBER
A10-12

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1 CONRAC - PHASE 1 PLAN - ROOF LEVEL
3/64" = 1'-0"

PROJECT PHASING

PHASE 1 - INSTALL CONRAC BUILDING

PROJECT
SYRACUSE
 HANCOCK
 INTERNATIONAL AIRPORT
 Landside Design Study - ConRAC
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212
 Syracuse Regional Airport Authority
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212

PROJECT MANAGEMENT & PLANNING
Landrum & Brown
 110 Wilson St, 2nd Fl.
 New York, NY 10038

ARCHITECT
Perkins & Will
 1250 Broadway, Suite 200
 New York, NY 10011

STRUCTURAL, ROADWAY DESIGN
Foit-Albert Associates
 285 Main Street, Suite 200
 Buffalo, New York 14203

ACCOUNTING
TYLin
 32 Old Slip, 10th Fl.
 New York, NY 10002

LIGHTING DESIGN
Currie & Brown
 12 East 49th Street, 11th Fl.
 New York, NY 10017

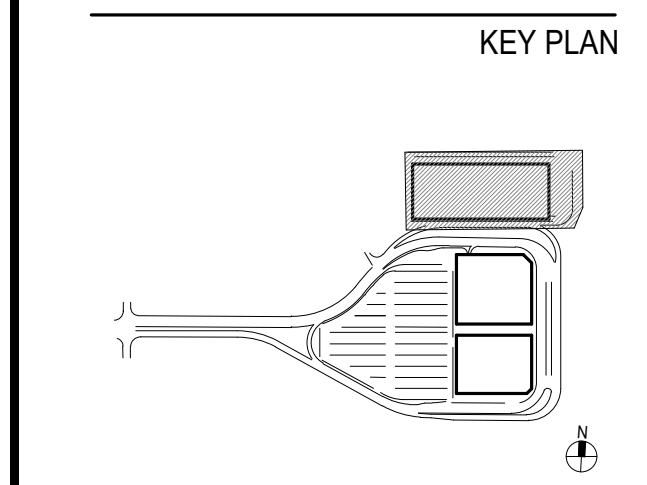
SIGNAGE
Cline Bettridge Bernstein
 116 East 27th Street, 4th Fl.
 New York, NY 10010

LANDSCAPE
Airspace
 41 Flatbush Ave.
 Brooklyn, NY 11217

MEFPF
EDR
 217 Montgomery St., Suite 1100
 Syracuse, NY 13202

PDG
 555 Penhock Drive
 Penfield, NY 14526

PRELIMINARY NOT - FOR CONSTRUCTION 07/28/23



ISSUE CHART

Revised	By	Reason	Date

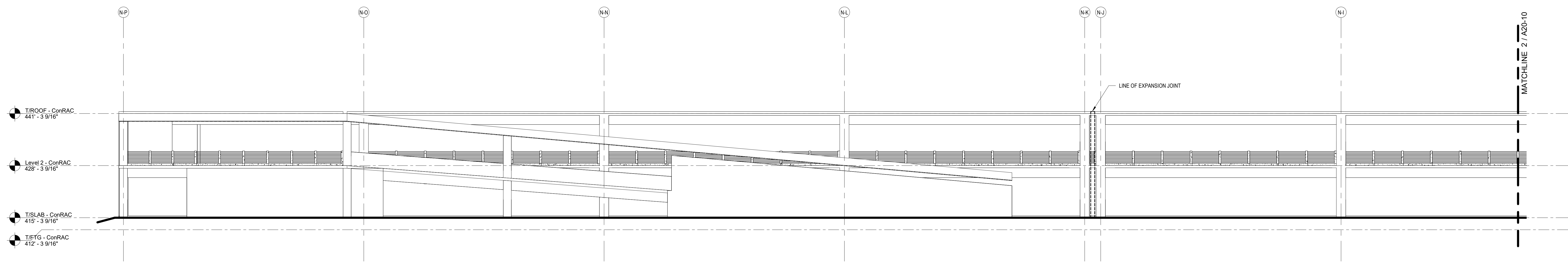
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Date: 07/28/23	Project Manager: DM
Drawn By: FA	Checked By: JG
Job Number: 220450.00	TITLE

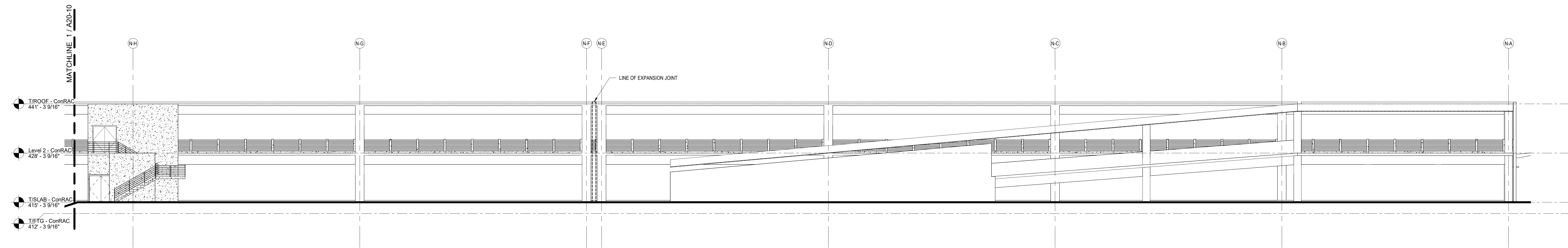
CONRAC - PHASE 1 PLAN - ROOF LEVEL

DRAWING NUMBER
A10-13

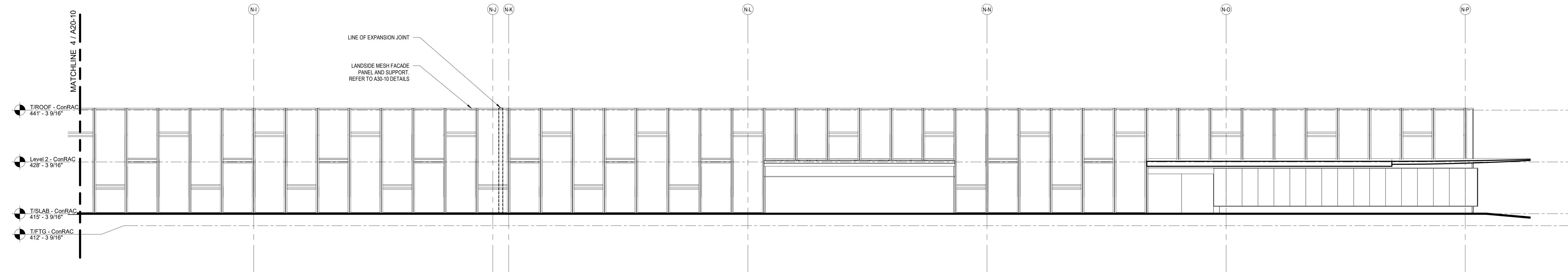
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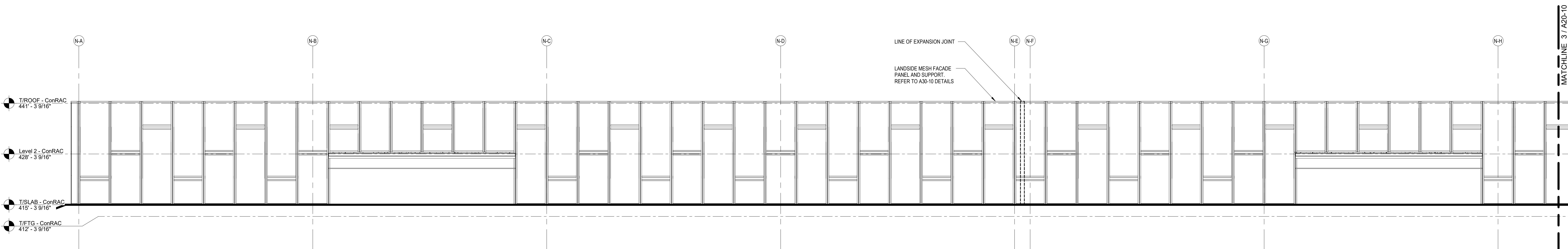
1 CONRAC - PHASE 1 ELEVATION - NORTH (EAST SIDE)
3/32" = 1'-0"



2 CONRAC - PHASE 1 ELEVATION - NORTH (WEST SIDE)
3/32" = 1'-0"



3 CONRAC - PHASE 1 ELEVATION - SOUTH (EAST SIDE)
3/32" = 1'-0"



4 CONRAC - PHASE 1 ELEVATION - SOUTH (WEST SIDE)
3/32" = 1'-0"

PROJECT PHASING

PHASE 1 - INSTALL CONRAC BUILDING

PROJECT
SYRACUSE HANCOCK
INTERNATIONAL AIRPORT
Landside Design Study - ConRAC
1000 Col Eileen Collins Blvd
Syracuse, New York 13212
Syracuse Regional Airport Authority
1000 Col Eileen Collins Blvd
Syracuse, New York 13212

PROJECT MANAGEMENT & PLANNING
Landrum & Brown
110 Wilson St., 2nd Fl.
New York, NY 10038

ARCHITECT
Perkins & Will
1250 Broadway, Suite 200
New York, NY 10011

STRUCTURAL, ROADWAY DESIGN
Foit-Albert Associates
285 Main Street, Suite 200
Buffalo, New York 14203

ACCOUNTING
TYLin
32 Old Stg., 10th Fl.
New York, NY 10003

LIGHTING DESIGN
Currie & Brown
12 East 49th Street, 11th Fl.
New York, NY 10017

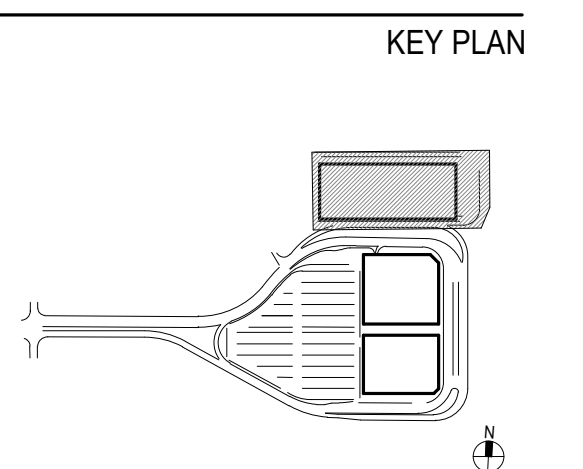
SIGNAGE
Cline Bettridge Bernstein
116 East 27th Street, 4th Fl.
New York, NY 10010

LANDSCAPE
Airspace
41 Flatbush Ave.
Brooklyn, NY 11217

MEFP
EDR
217 Montgomery St., Suite 1100
Syracuse, NY 13202

PDG
555 Penhobos Drive
Perth Amboy, NJ 08861

PRELIMINARY NOT - FOR CONSTRUCTION 07/28/23



ISSUE CHART

Revised	Revision	Revision Date

Scale: AS NOTED	Project Manager:
Date: 07/28/23	DM
Drawn By: JFA	Checked By: JG
Job Number: 220450.00	

TITLE
CONRAC - PHASE 1 ELEVATIONS

DRAWING NUMBER
A20-10

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PROJECT PHASING

PHASE 1 - INSTALL CONRAC BUILDING

PROJECT
SYRACUSE
 HANCOCK
 INTERNATIONAL AIRPORT
 Landside
 Design Study -
 ConRAC
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212
 Syracuse Regional
 Airport Authority
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212

PROJECT MANAGEMENT & PLANNING
Landrum & Brown
 110 Wilson St, 2nd Fl.
 New York, NY 10038

ARCHITECT
Perkins & Will
 1250 Broadway, Suite 200
 New York, NY 10011

STRUCTURAL, ROADWAY DESIGN
Foit-Albert Associates
 285 Main Street, Suite 200
 Buffalo, New York 14203

ACCOUNTING
TYLin
 32 Old Stg, 10th Fl.
 New York, NY 10002

LIGHTING DESIGN
Currie & Brown
 12 East 49th Street, 11th Fl.
 New York, NY 10017

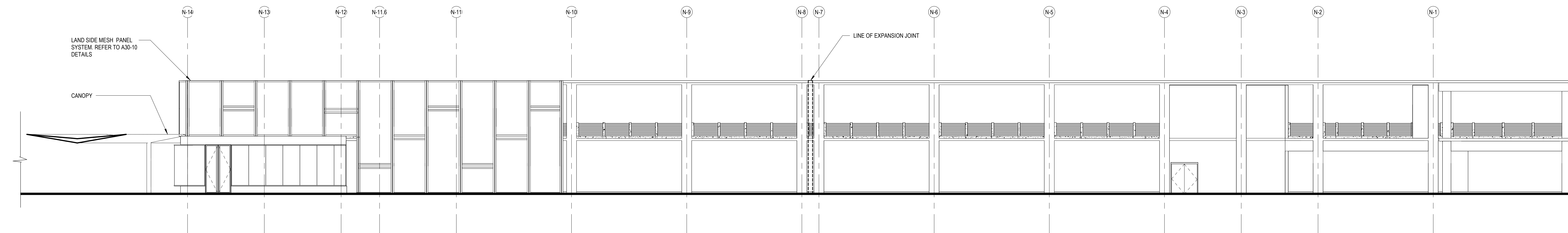
SIGNAGE
**Cline Bettridge
 Bernstein**
 116 East 27th Street, 4th Fl.
 New York, NY 10010

LANDSCAPE
Airspace
 41 Flatbush Ave.
 Brooklyn, NY 11217

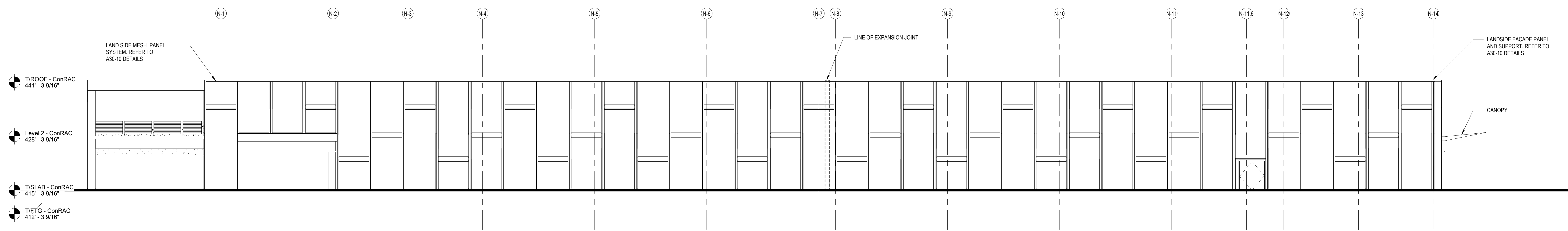
MEFPF
EDR
 217 Montgomery St., Suite 1100
 Syracuse, NY 13202

PDG
 555 Pennekamp Drive
 Penfield, NY 14526

PRELIMINARY NOT - FOR CONSTRUCTION 07/28/23

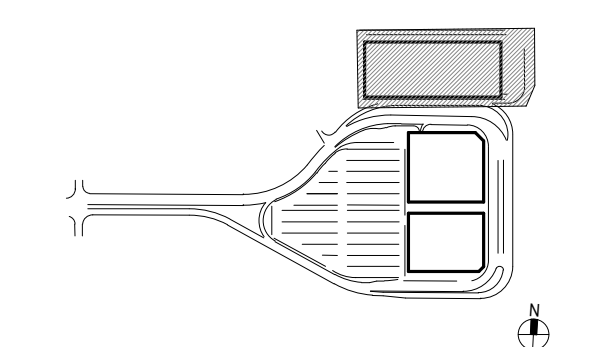


1 CONRAC - PHASE 1 ELEVATION - EAST
 3/32" = 1'-0"



2 CONRAC - PHASE 1 ELEVATION - WEST
 3/32" = 1'-0"

KEY PLAN



ISSUE CHART

Revised	Revised	Revision Date

Scale: AS NOTED
 Date: 07/28/23 Project Manager: DM
 Drawn By: FA Checked By: JG
 Job Number: 220450.00

TITLE

CONRAC - PHASE 1
 ELEVATIONS

DRAWING NUMBER

A20-11

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PROJECT PHASING
PHASE 1 - INSTALL CONRAC BUILDING

PROJECT
SYRACUSE HANCOCK INTERNATIONAL AIRPORT
 Landside Design Study - ConRAC
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212
 Syracuse Regional Airport Authority
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212

PROJECT MANAGEMENT & PLANNING
Landrum & Brown
 110 Wilson St, 2nd Fl.
 New York, NY 10038

ARCHITECT
Perkins & Will
 1250 Broadway, Suite 200
 New York, NY 10011

STRUCTURAL, ROADWAY DESIGN
Foit-Albert Associates
 285 Main Street, Suite 200
 Buffalo, New York 14203

ACCOUNTING
TYLin
 32 Old Slip, 10th Fl.
 New York, NY 10005

LIGHTING DESIGN
Currie & Brown
 12 East 49th Street, 11th Fl.
 New York, NY 10017

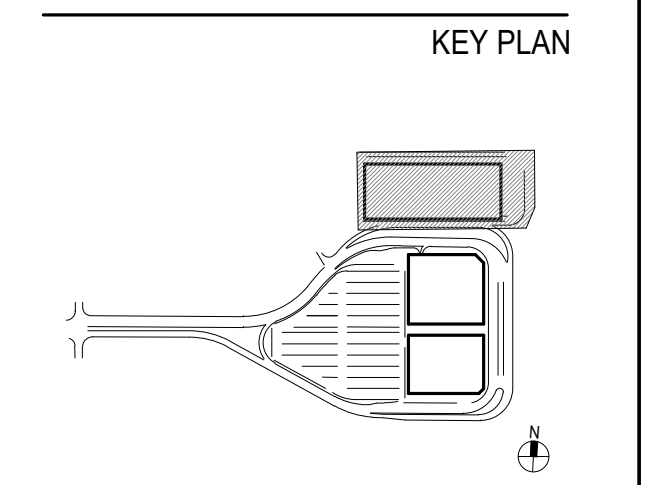
SIGNAGE
Cline Bettridge Bernstein
 116 East 27th Street, 4th Fl.
 New York, NY 10010

LANDSCAPE
Airspace
 41 Flatbush Ave.
 Brooklyn, NY 11217

MEFPF
EDR
 217 Montgomery St, Suite 1100
 Syracuse, NY 13202

PDG
 555 Pennekamp Drive
 Penfield, NY 14526

PRELIMINARY NOT - FOR CONSTRUCTION 07/28/23



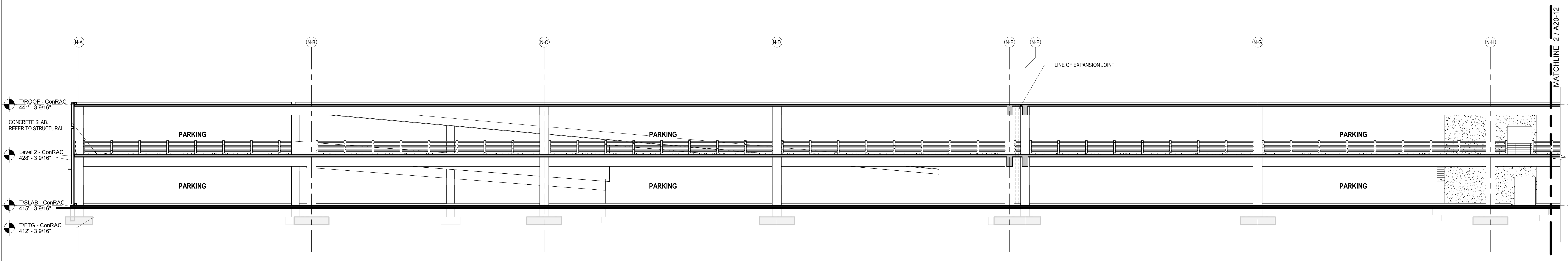
ISSUE CHART

Revised	Revised	Revision Date

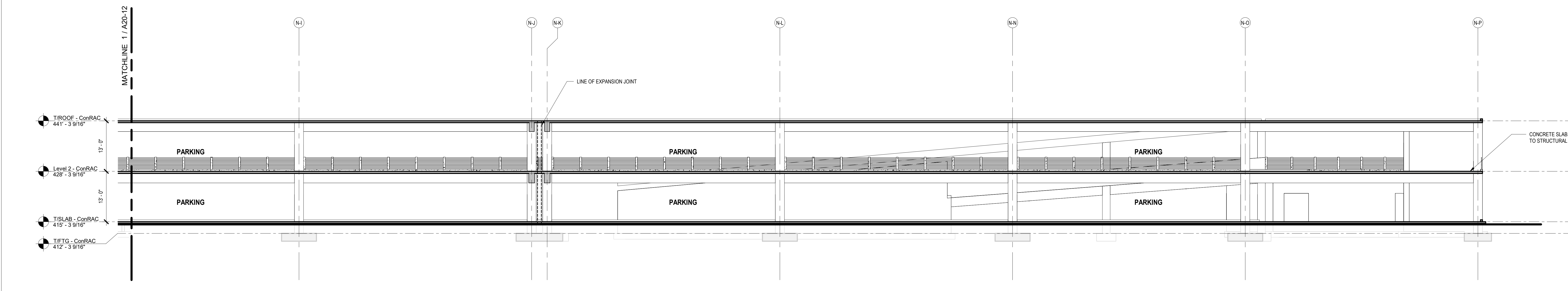
Scale: AS NOTED
 Date: 07/28/23 Project Manager: DM
 Drawn By: JFA Checked By: JG
 Job Number: 220450.00

TITLE
CONRAC - PHASE 1 BUILDING SECTIONS

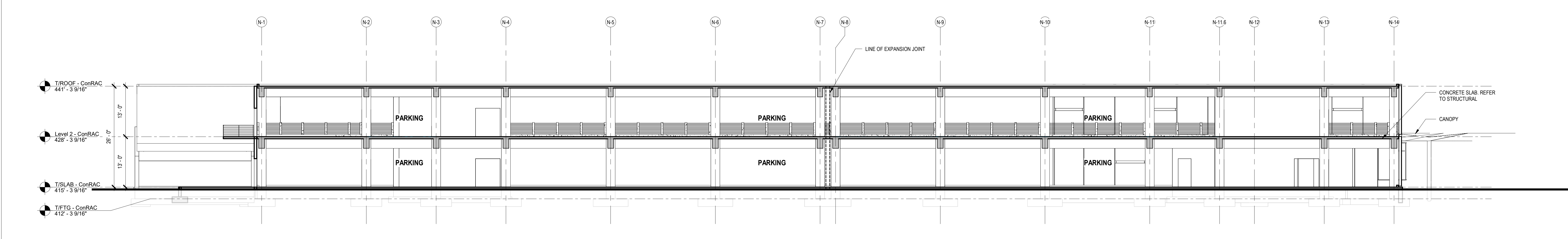
DRAWING NUMBER
A20-12



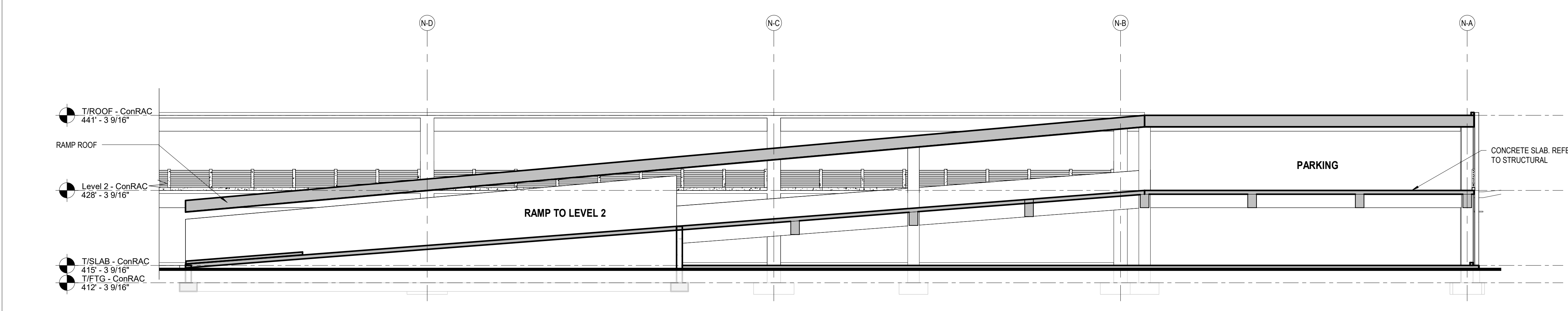
1 CONRAC - PHASE 1 BUILDING SECTION - EAST/WEST (WEST SIDE)
3/32" = 1'-0"



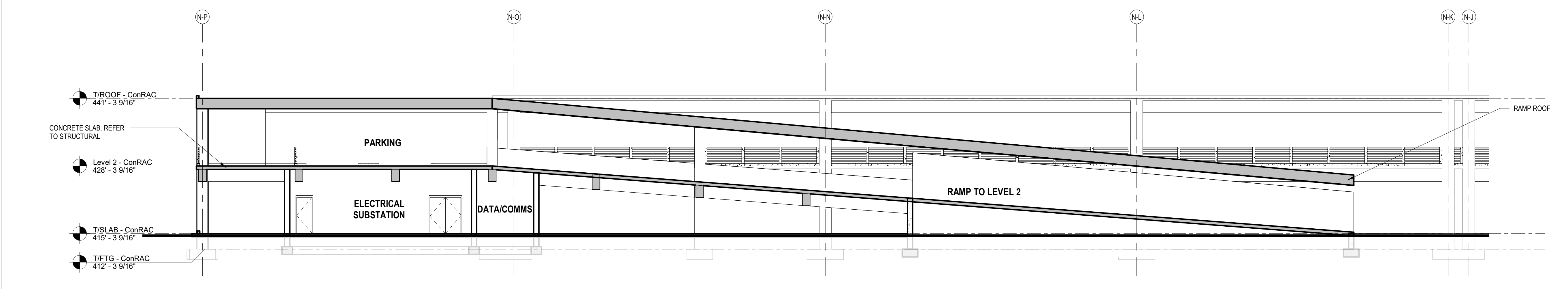
2 CONRAC - PHASE 1 BUILDING SECTION - EAST/WEST (EAST SIDE)
3/32" = 1'-0"



3 CONRAC - PHASE 1 BUILDING SECTION - NORTH/SOUTH
3/32" = 1'-0"



4 CONRAC - PHASE 1 BUILDING SECTION AT RAMP - EAST/WEST
3/32" = 1'-0"

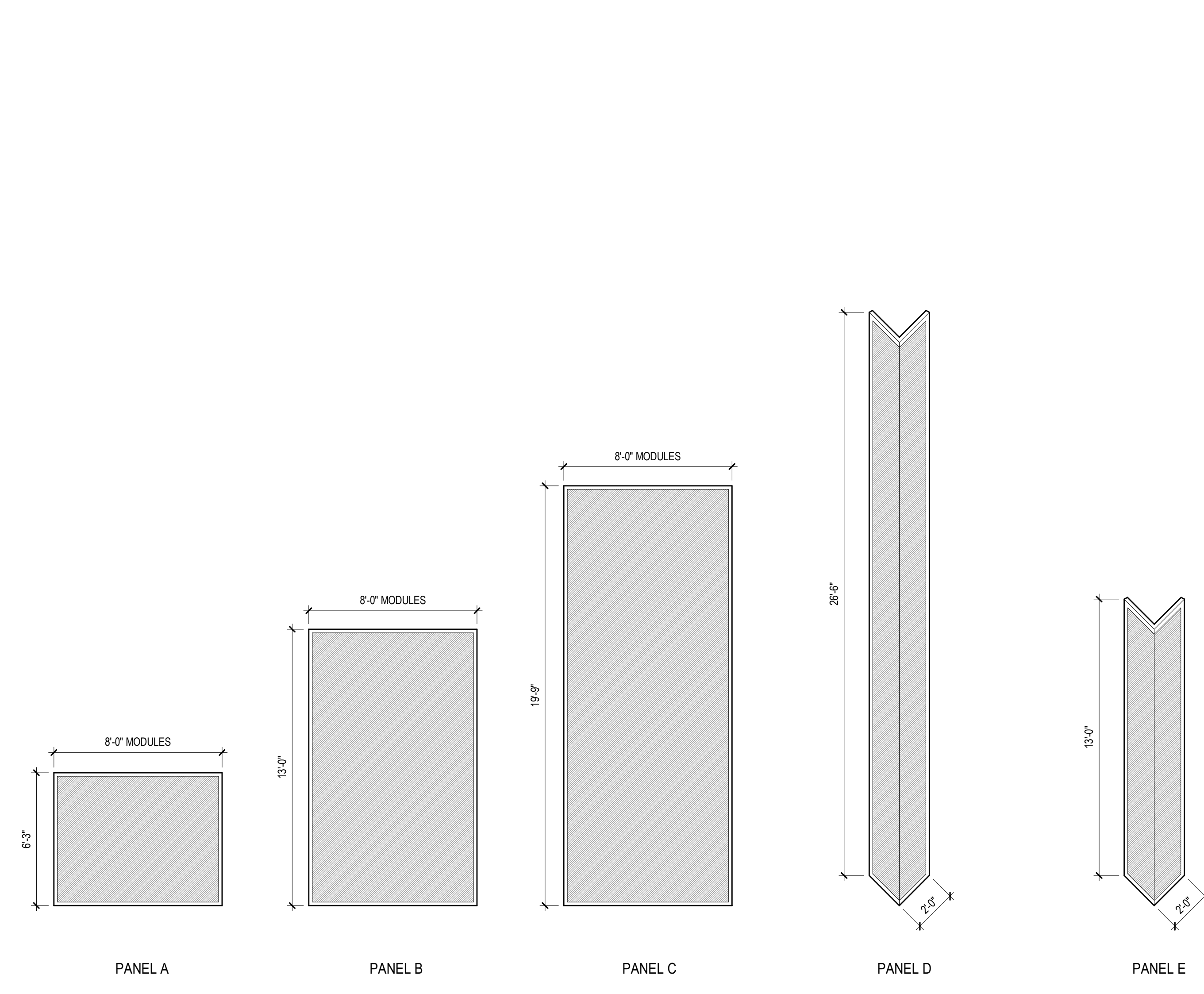


5 CONRAC - PHASE 1 BUILDING SECTION AT RAMP - EAST/WEST
3/32" = 1'-0"

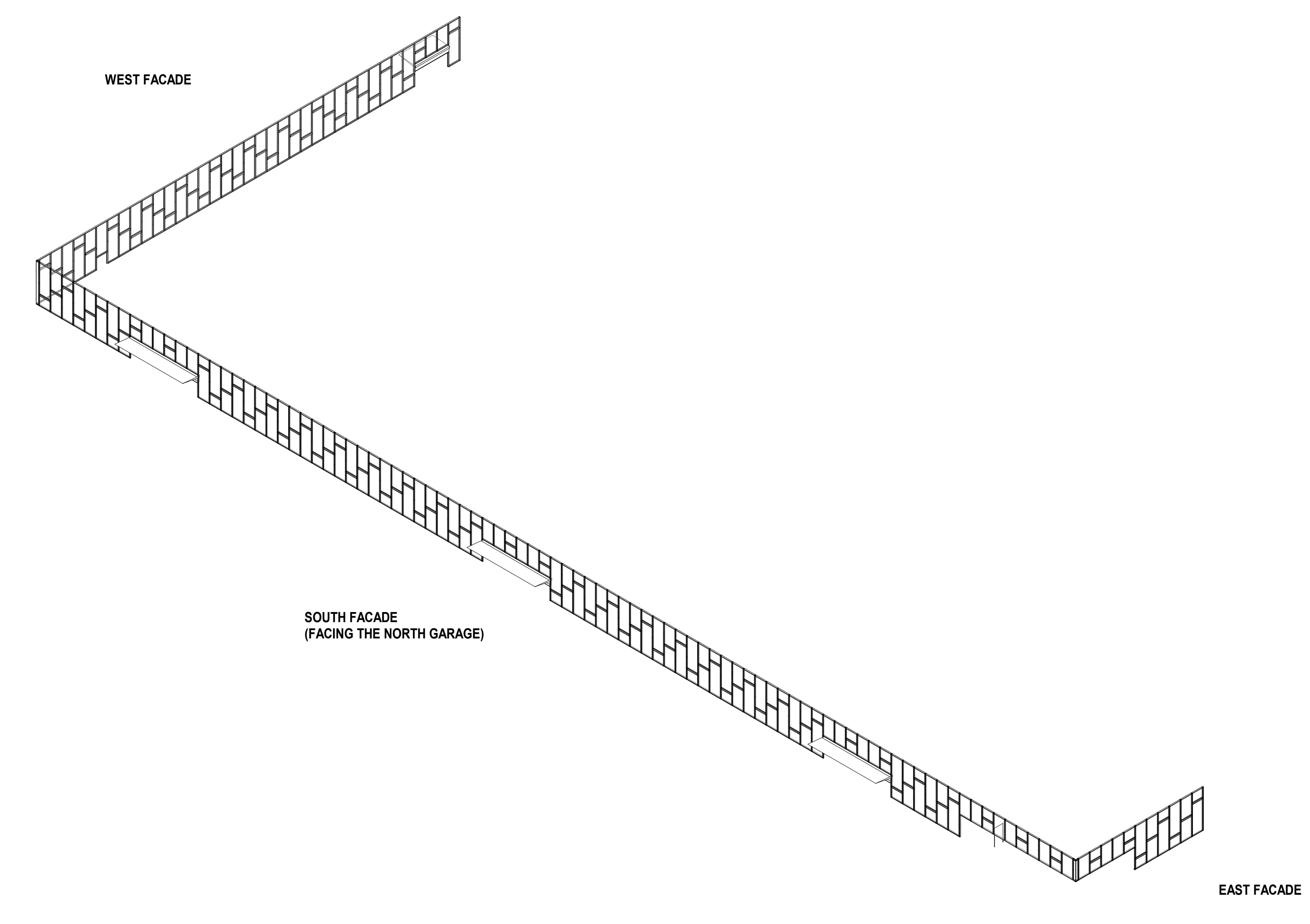
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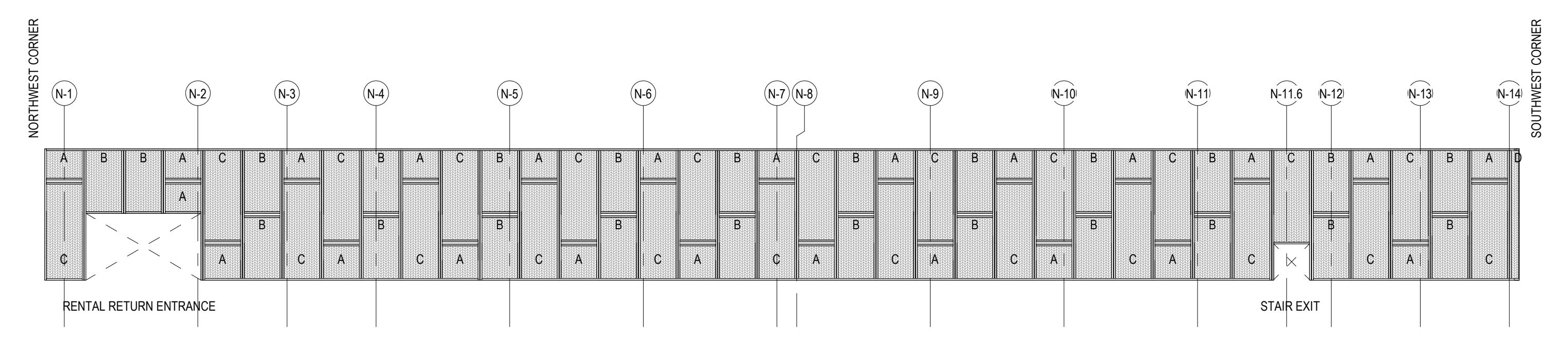
PHASE 1 - INSTALL CONRAC BUILDING



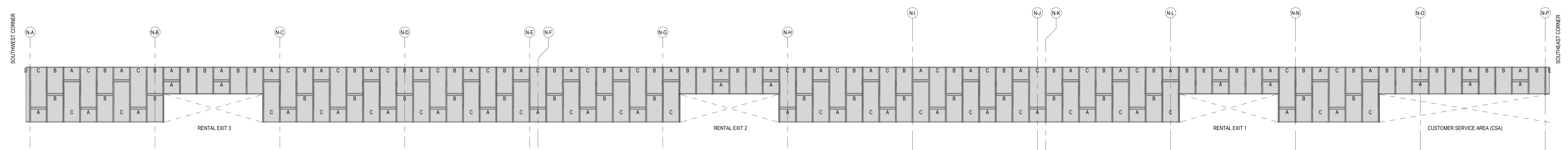
1 CONRAC LANDSIDE FACADE PANELS
 1/4" = 1'-0"



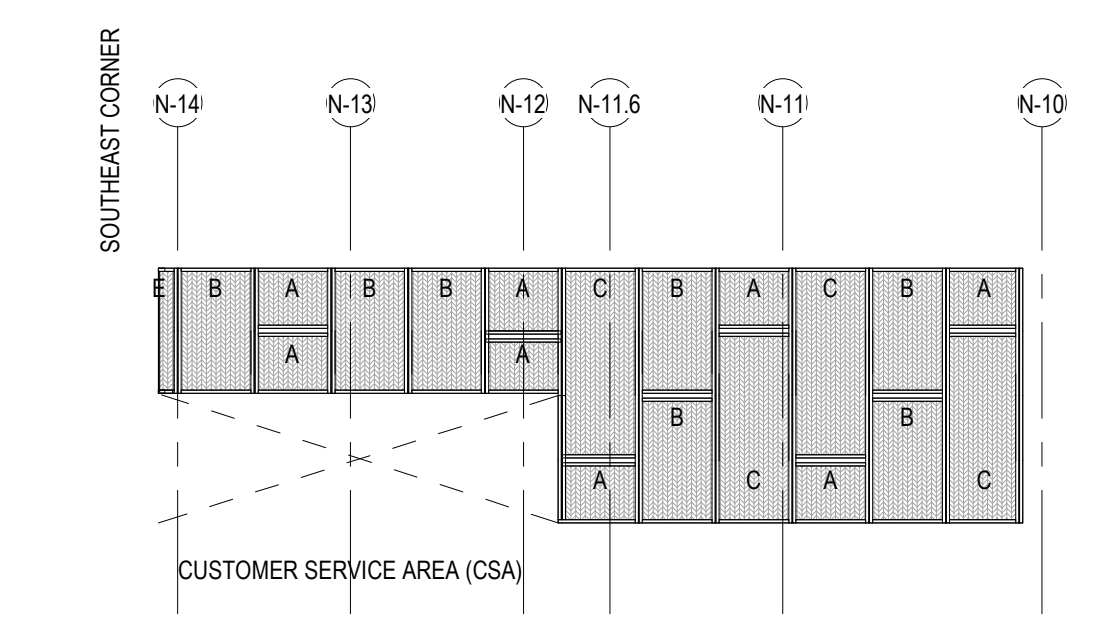
2 CONRAC AXONOMETRIC



3 CONRAC PHASE 1 FACADE DIAGRAM - WEST
 1" = 20'-0"

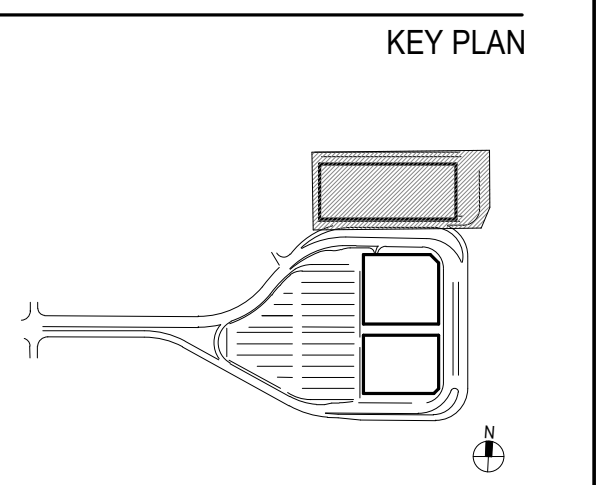


4 CONRAC PHASE 1 FACADE DIAGRAM - SOUTH
 1" = 20'-0"



5 CONRAC PHASE 1 FACADE DIAGRAM - EAST
 1" = 20'-0"

PRELIMINARY NOT - FOR CONSTRUCTION 07/28/23



ISSUE CHART

Revision Number	Revision Date

Scale: AS NOTED

Date: 07/28/23	Project Manager: DM
Drawn By: J&W	Checked By: J&W
Job Number: 220450.00	

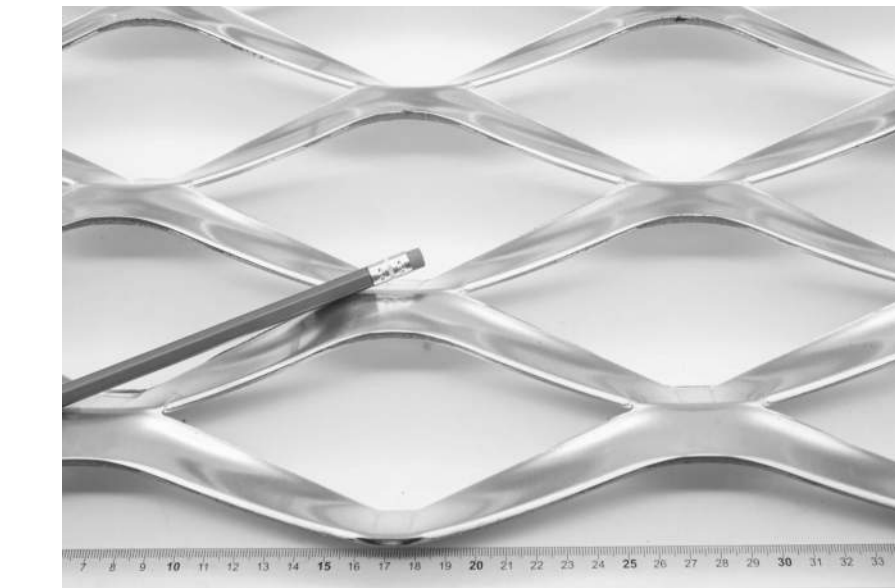
TITLE
CONRAC - PHASE 1 FACADE CONCEPT

DRAWING NUMBER
A30-01

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PROJECT PHASING

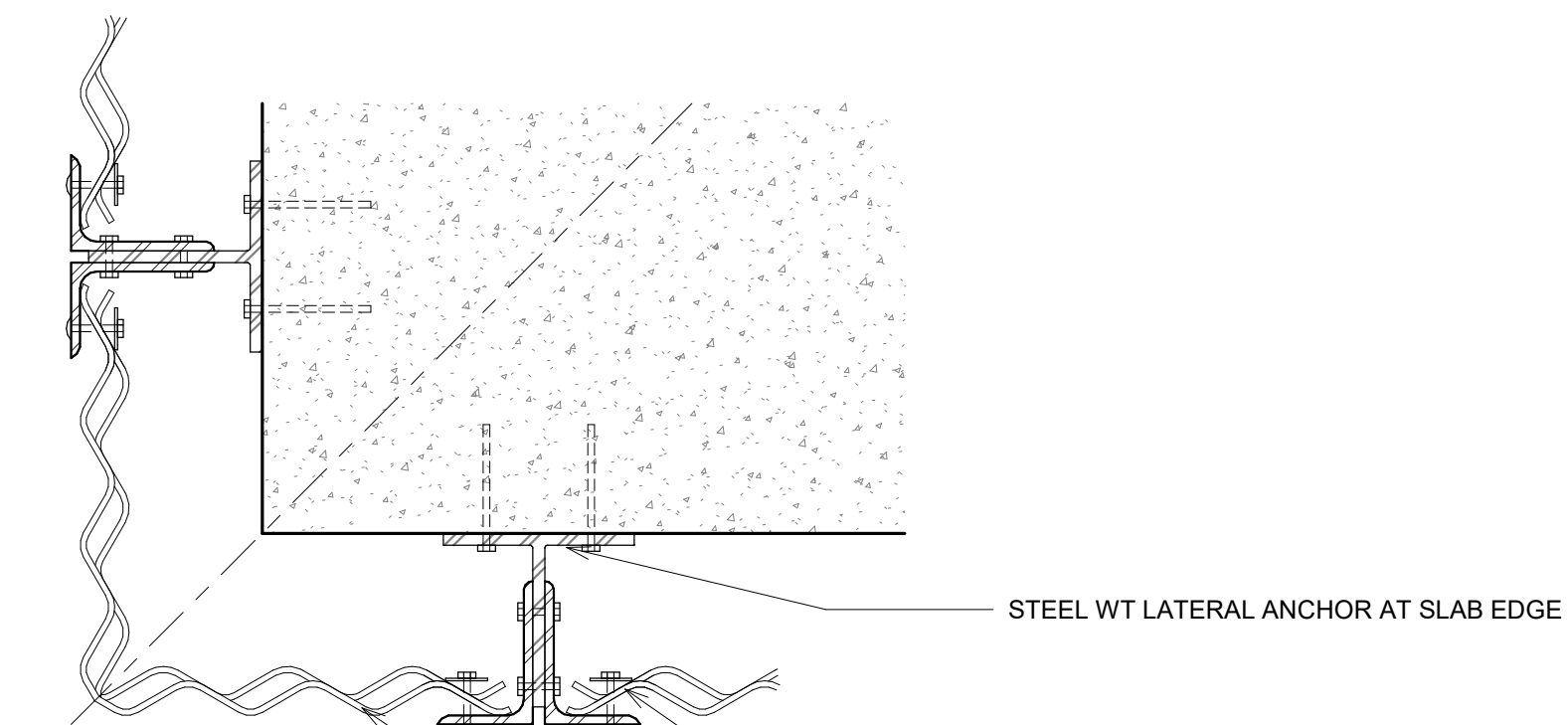
PHASE 1 - INSTALL CONRAC BUILDING



LARGE FORMAT EXPANDED ALUMINUM MESH

BASIS OF DESIGN: THE EXPANDED METAL COMPANY

PATTERN P0876 "NEW YORK"
RAISED PROFILE, DIAMOND SHAPED
SHEET ORIENTATION 244mm LONGWAY (90°)
PITCH LWP 196mm X SWP 87mm
STRAND THICKNESS 3mm
STRAND WIDTH 24mm
OPEN AREA 45%

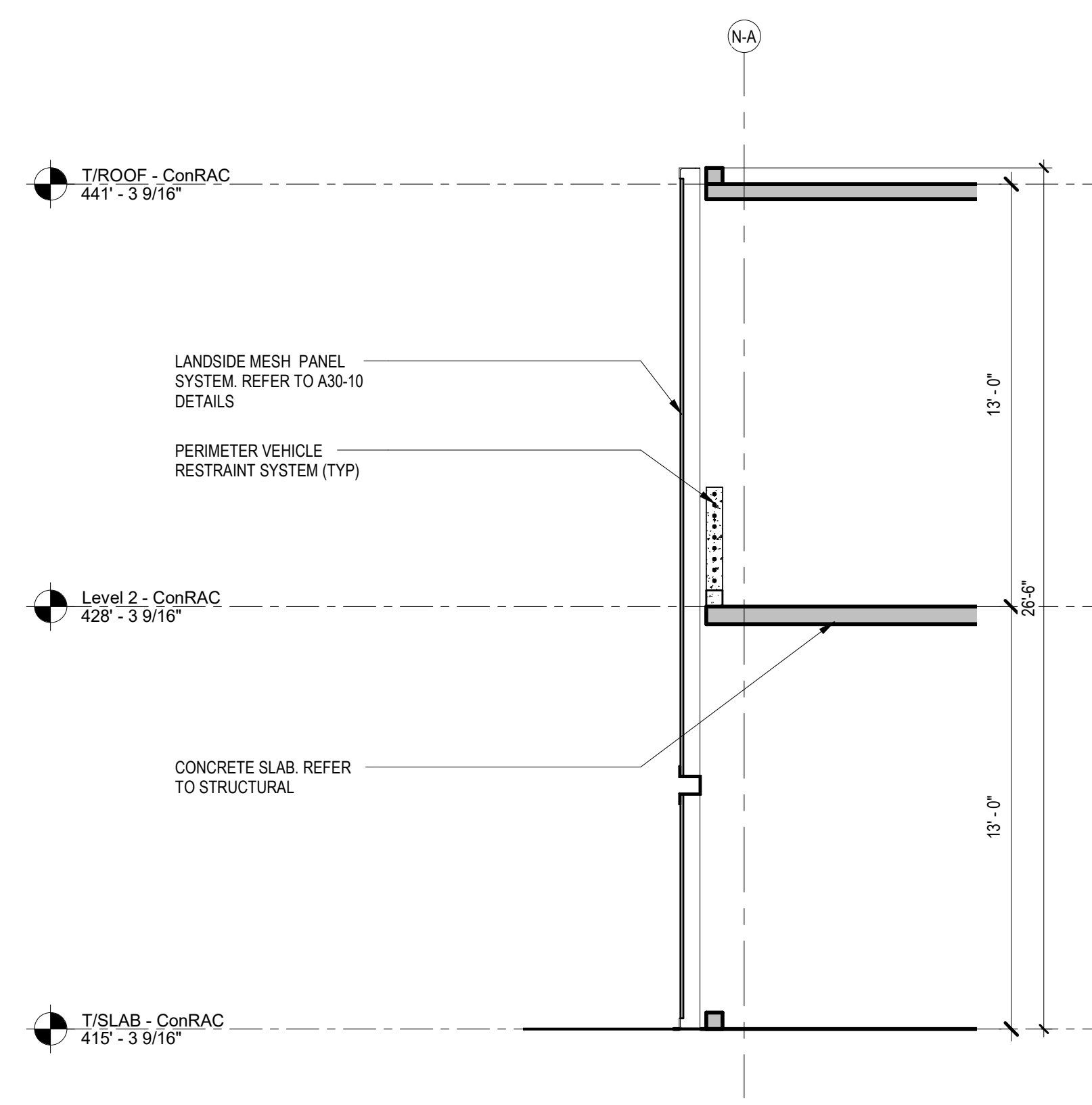


③ PLAN DETAIL - CONRAC LAND SIDE FACADE
1 1/2" = 1'-0"

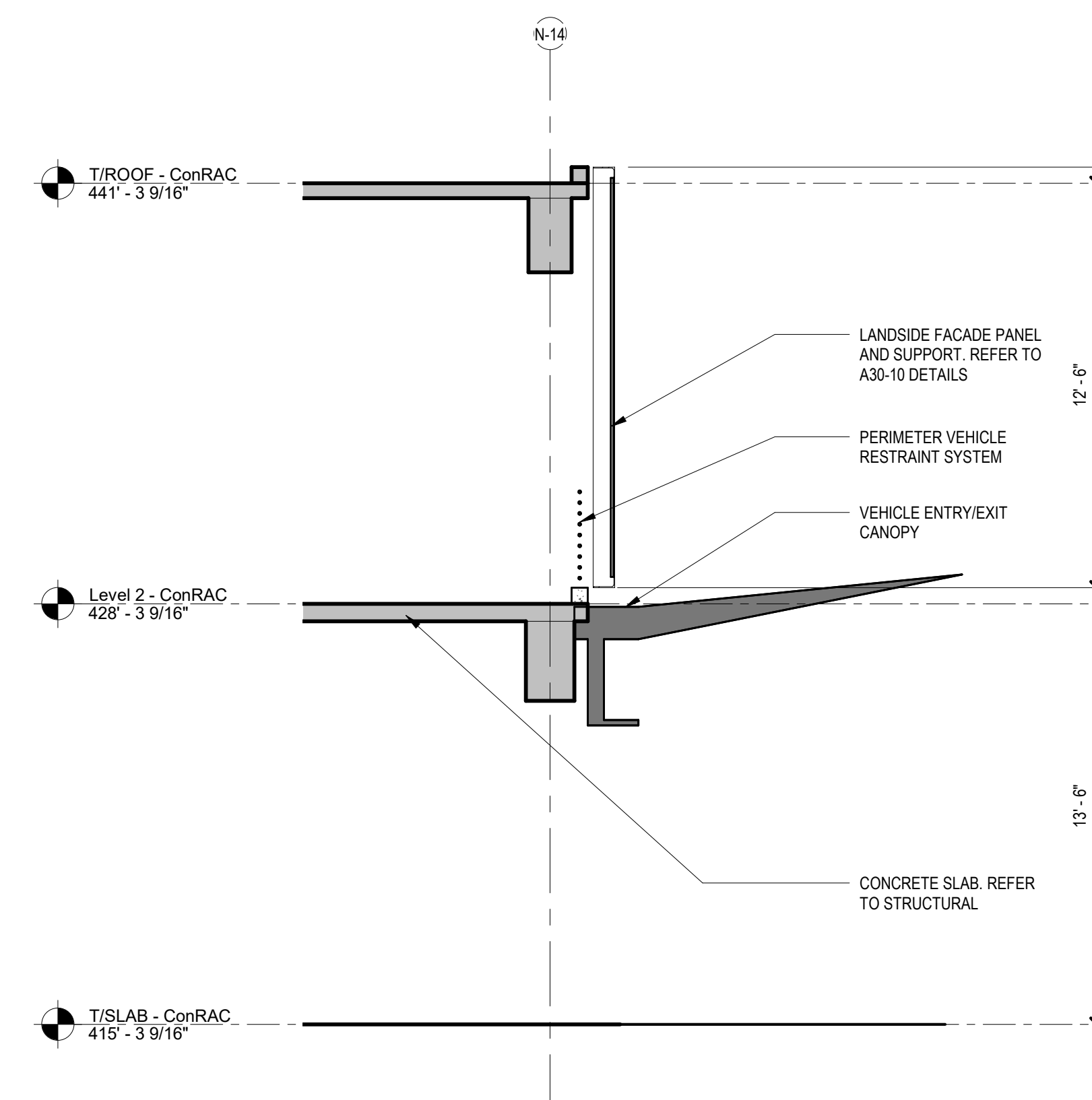
⑥ SECTION DETAIL - CONRAC LAND SIDE FACADE - PARAPET
1 1/2" = 1'-0"

⑦ SECTION DETAIL - CONRAC LAND SIDE FACADE - SLAB EDGE
1 1/2" = 1'-0"

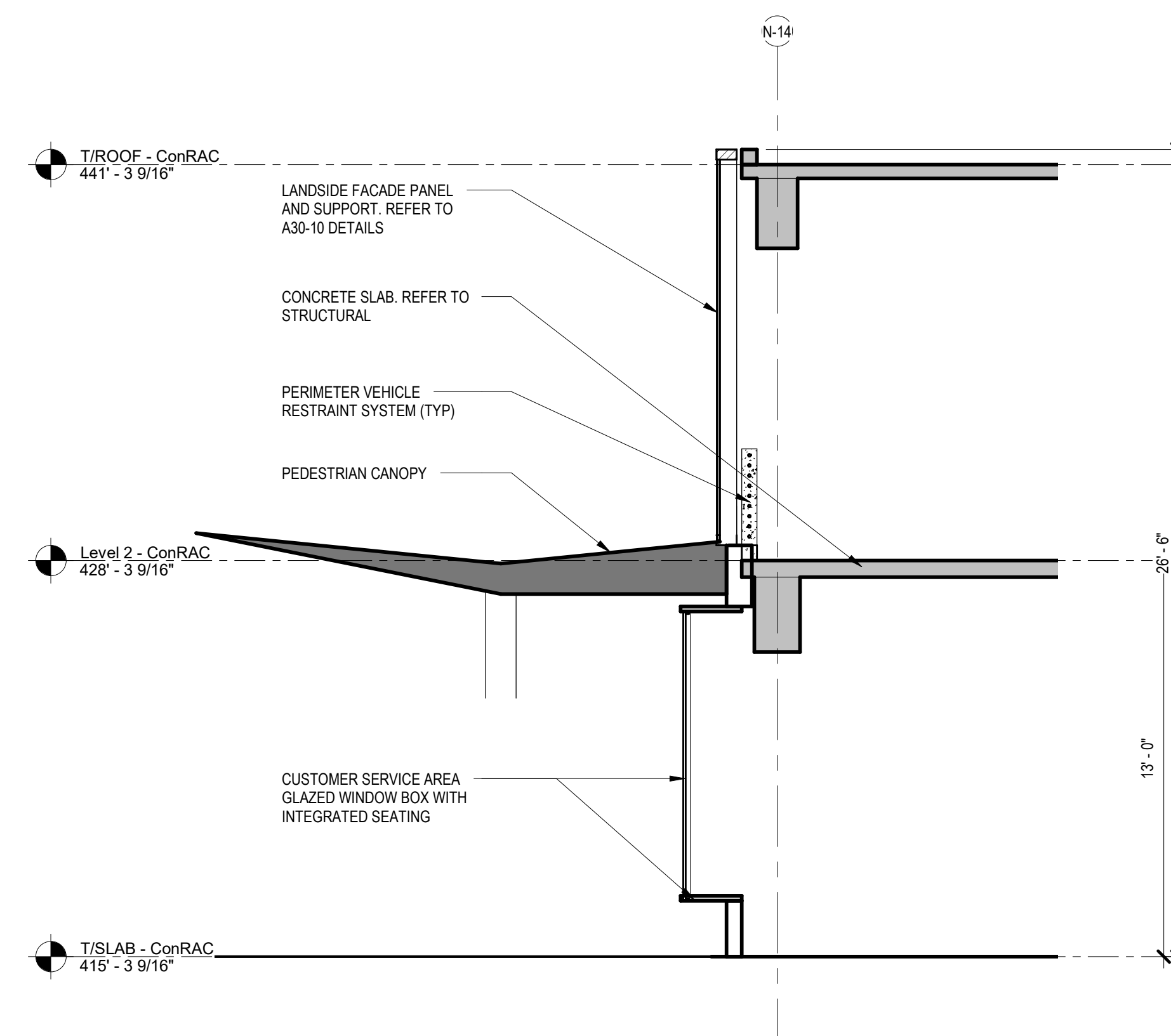
⑨ SECTION DETAIL - CONRAC LAND SIDE FACADE - BASE
1 1/2" = 1'-0"



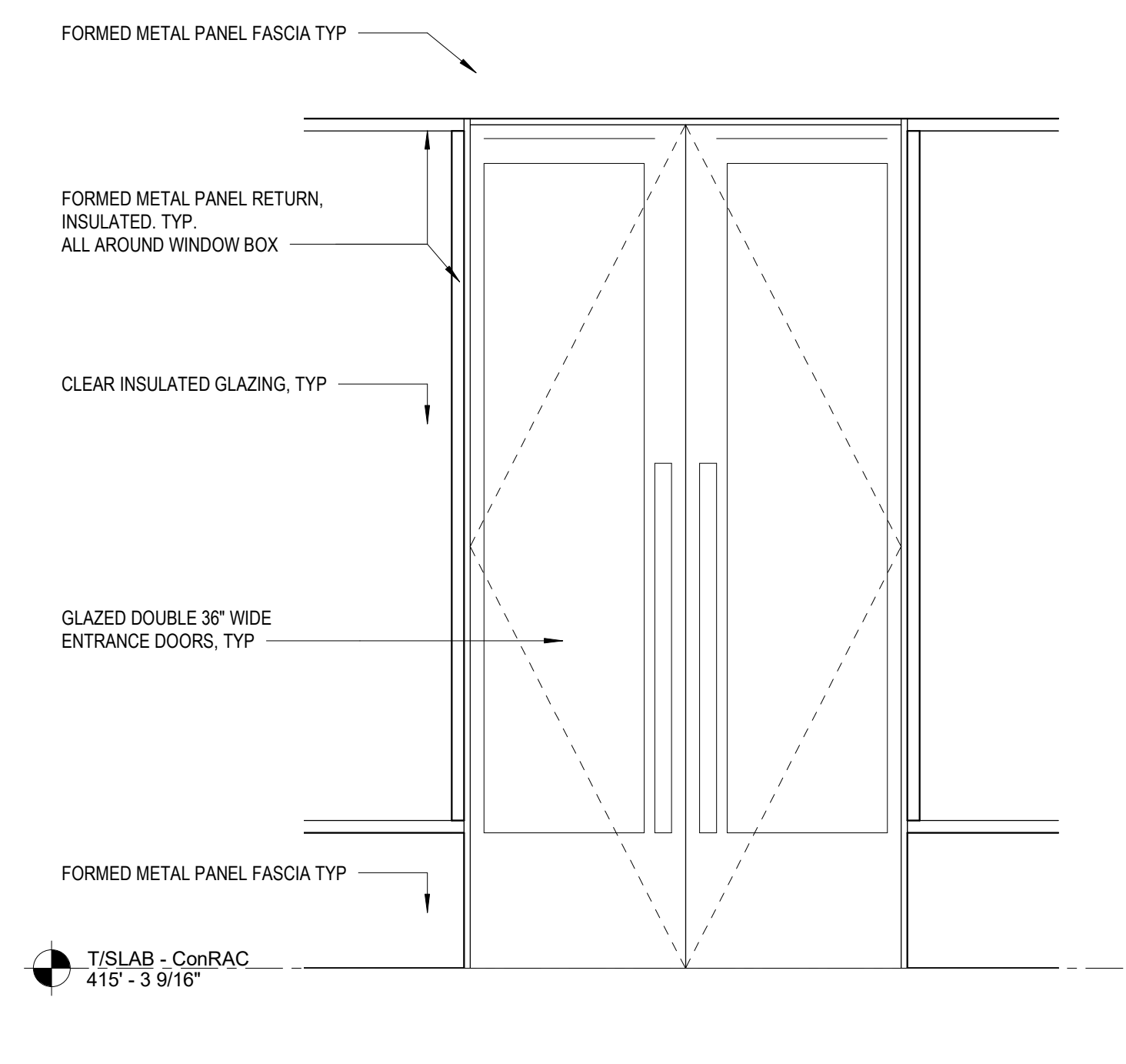
① CONRAC - PHASE 1 SECTION - WEST FACADE
1/4" = 1'-0"



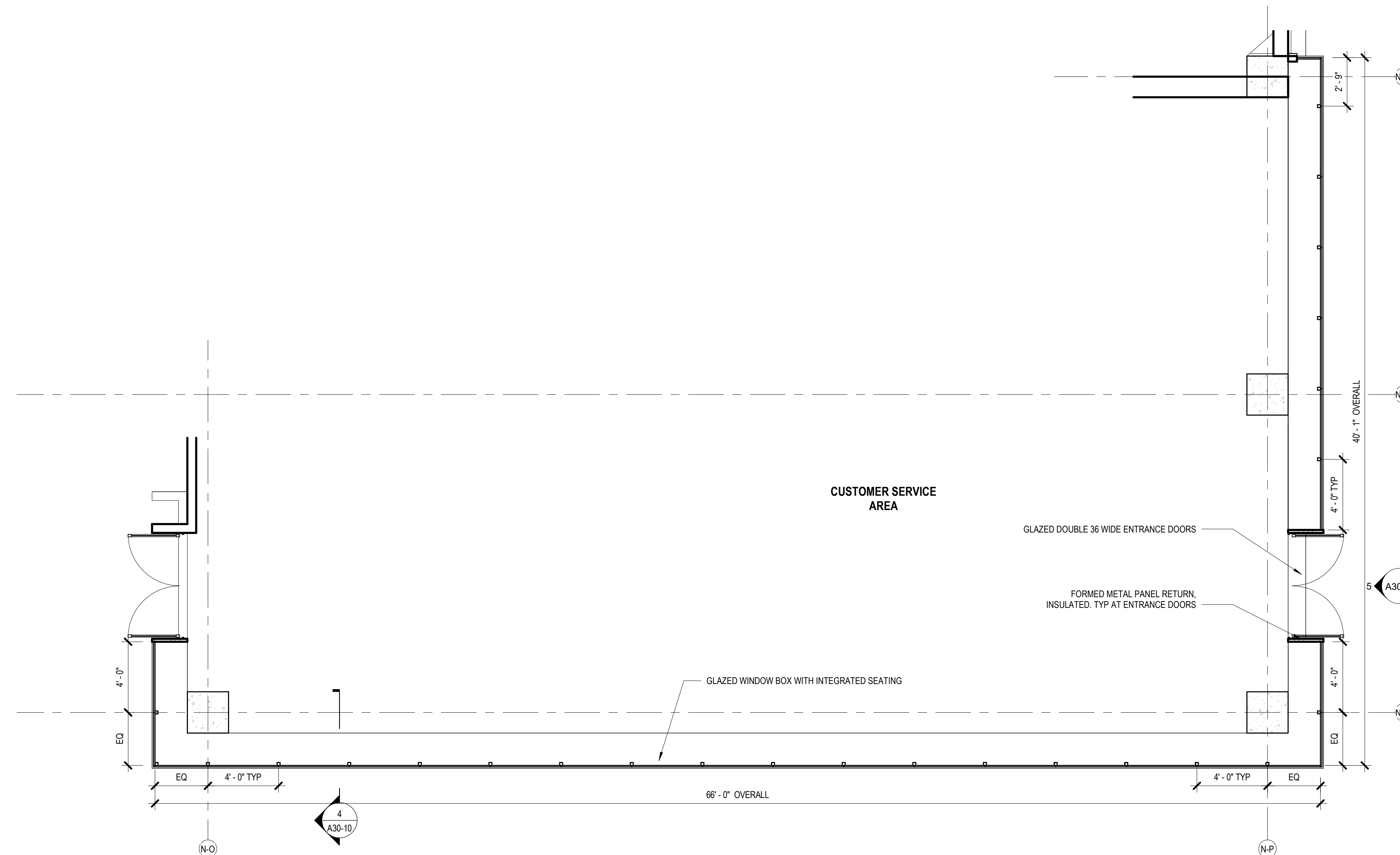
② CONRAC - PHASE 1 SECTION - SOUTH FACADE
1/4" = 1'-0"



④ CONRAC - PHASE 1 SECTION - STOREFRONT - SOUTH FACADE
1/4" = 1'-0"



⑤ Enlarged Partial Entrance Elevation
1/2" = 1'-0"



⑧ CONRAC - CUSTOMER SERVICE AREA PLAN - LEVEL 1 ENLARGED
1/4" = 1'-0"

PROJECT PHASING
PHASE 1 - INSTALL CONRAC BUILDING

PROJECT MANAGEMENT & PLANNING
Landrum & Brown
110 Wilson St. 2nd Fl.
New York, NY 10038

ARCHITECT
Perkins & Will
1250 Broadway, Suite 200
New York, NY 10001

STRUCTURAL, ROADWAY DESIGN
Foit-Albert Associates
285 Main Street, Suite 200
Buffalo, New York 14203

ACCOUNTING
TYLin
32 Old Slip, 10th Fl.
New York, NY 10002

LIGHTING DESIGN
Currie & Brown
12 East 49th Street, 11th Fl.
New York, NY 10017

SIGNAGE
Cline Bettridge Bernstein
116 East 27th Street, 4th Fl.
New York, NY 10010

LANDSCAPE
Airspace
41 Flatbush Ave.
Brooklyn, NY 11217

MEFP
EDR
217 Montgomery St., Suite 1100
Syracuse, NY 13202

PRELIMINARY NOT - FOR CONSTRUCTION 07/28/23

MEFP
PDG
555 Penobscot Drive
Penfield, NY 14526

KEY PLAN

ISSUE CHART

Revised	By	Reason	Date

Scale: AS NOTED
Date: 07/28/23
Project Manager: DM
Drawn By: JFA and P&W
Checked By: JG
Job Number: 220450.00

TITLE
CONRAC - PHASE 1 WALL SECTIONS & DETAILS

DRAWING NUMBER
A30-10

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Landrum & Brown
 110 William St., 20th Fl.
 New York, NY 10038

ARCHITECT
Perkins & Will
 1250 Broadway, Suite 200
 New York, NY 10007

STRUCTURAL, ROADWAY DESIGN
Foit-Albert Associates
 255 Main Street, Suite 200
 Buffalo, New York 14203

ACCOUNTING
TYLin
 32 Old Slip, 10th Fl.
 New York, NY 10005

LIGHTING DESIGN
Currie & Brown
 12 East 49th Street, 11th Fl.
 New York, NY 10017

SIGNAGE
**Clint Bettridge
 Bernstein**
 116 East 27th Street, 4th Fl.
 New York, NY 10010

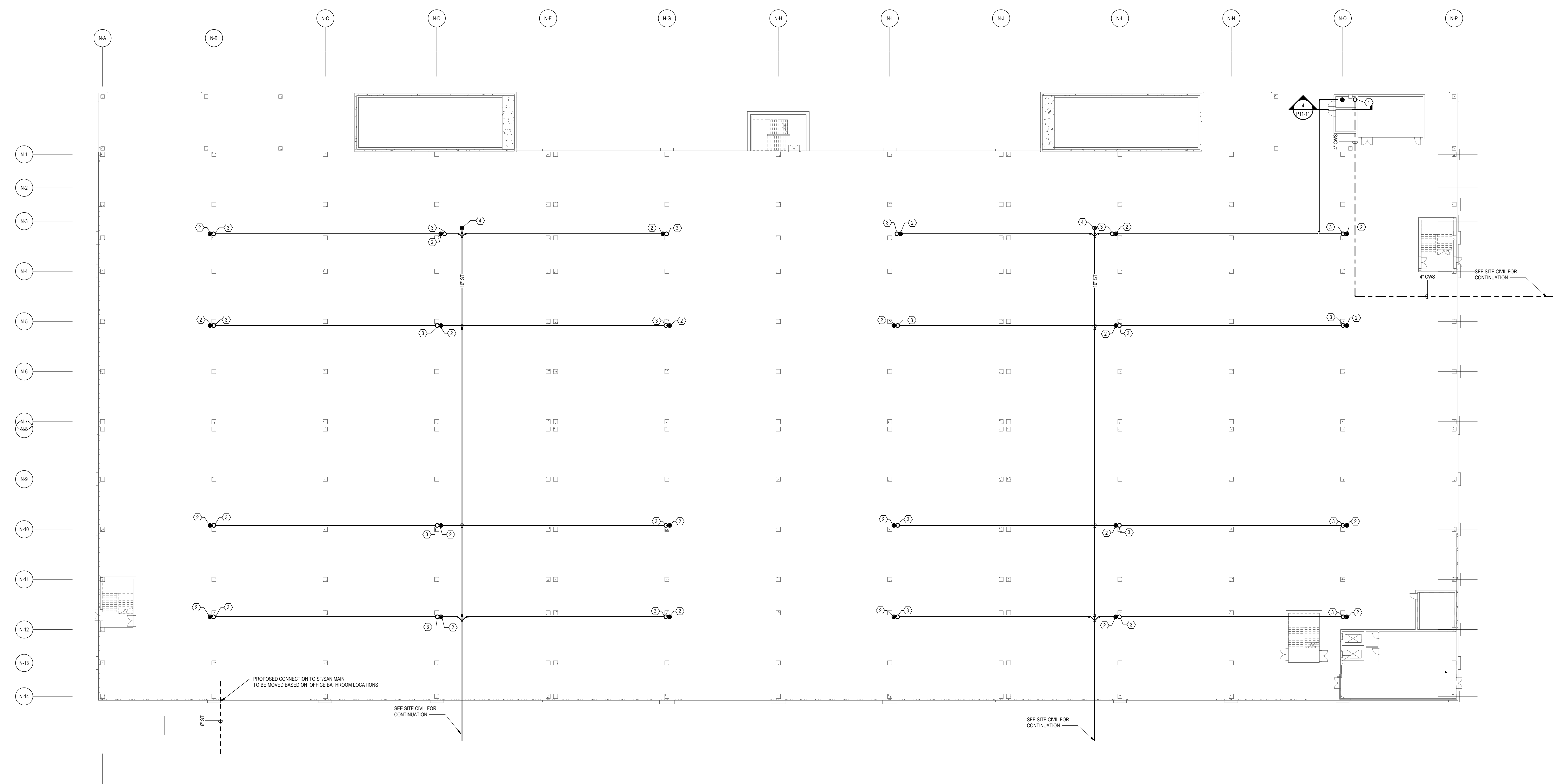
LANDSCAPE
Airspace
 41 Flatbush Ave.
 Brooklyn, NY 11217

MEFPF
EDR
 217 Montgomery St., Suite 1100
 Syracuse, NY 13202

PDG
 555 Penbrooke Drive
 Perfield, NY 14226

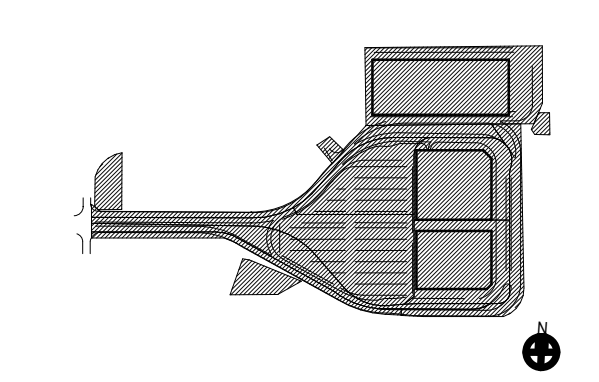
PRELIMINARY NOT - FOR CONSTRUCTION 05/03/23

NEW KEYNOTES	
1.	2" DWS RISER UP TO FLOOR ABOVE
2.	4" ST UP TO FLOOR DRAIN ABOVE
3.	6" ST UP TO FLOOR ABOVE
4.	8" ST UP TO FLOOR CLEANDOUT ABOVE



1 UNDERSLAB SANITARY PLAN CONRAC
 3/4" = 1'-0"

KEY PLAN



ISSUE CHART

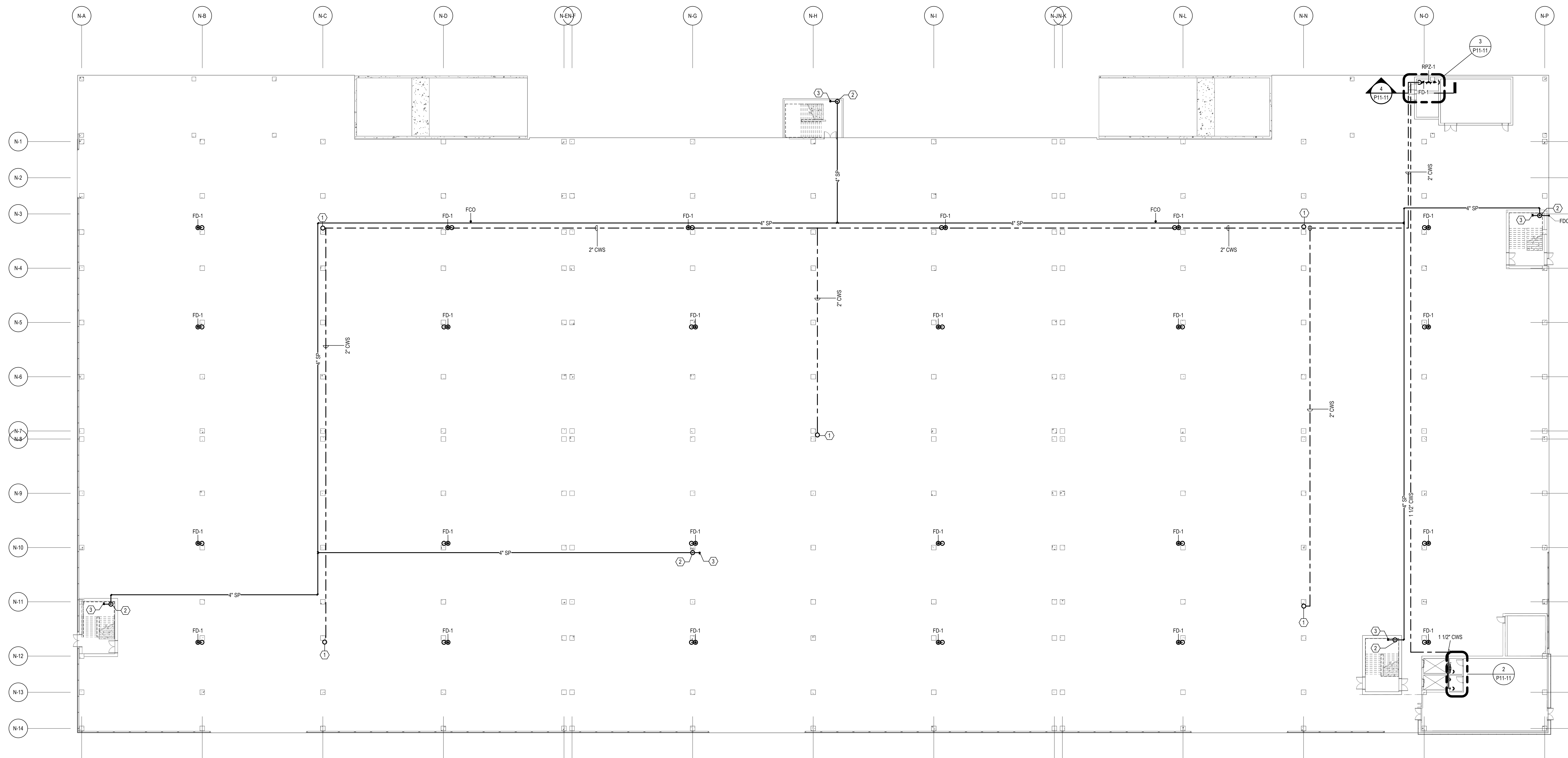
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Scale: AS NOTED	Project Manager:
Date: 05/03/23	Checked By:
Drawn By:	Checker:
Job Number:	Project Number:

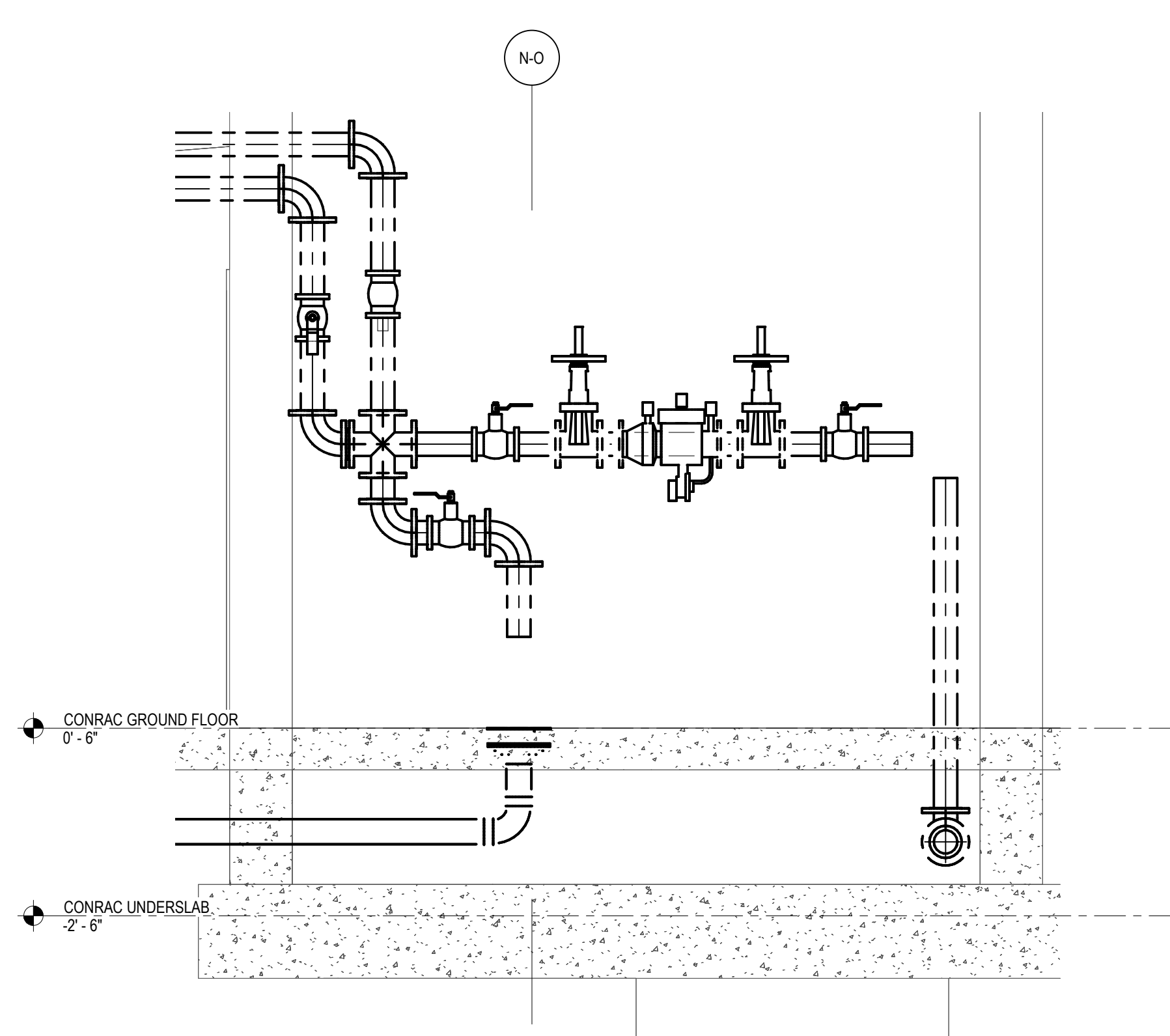
TITLE
**PLUMBING PLAN - CONRAC
 UNDERSLAB**

DRAWING NUMBER
P11-10

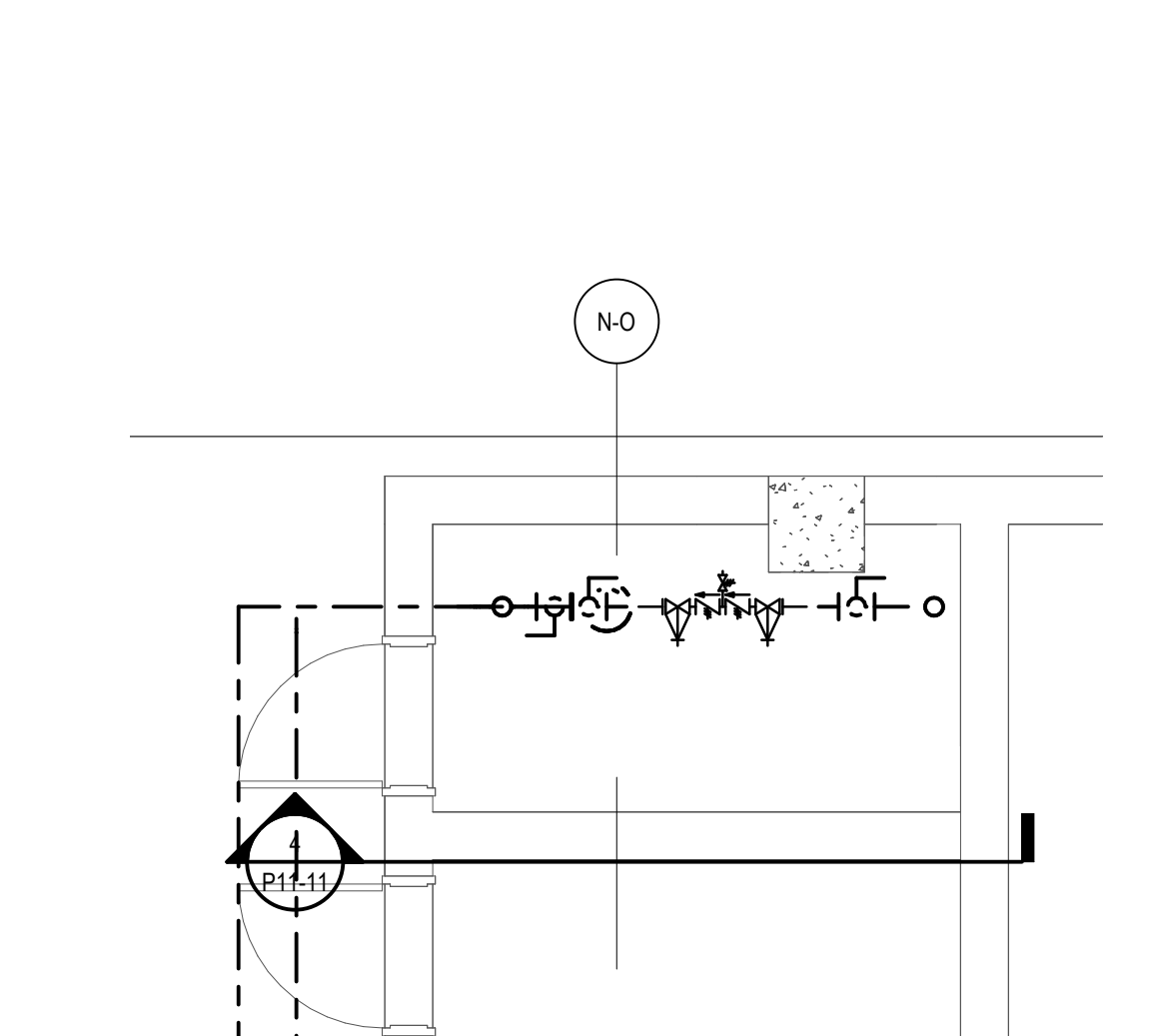
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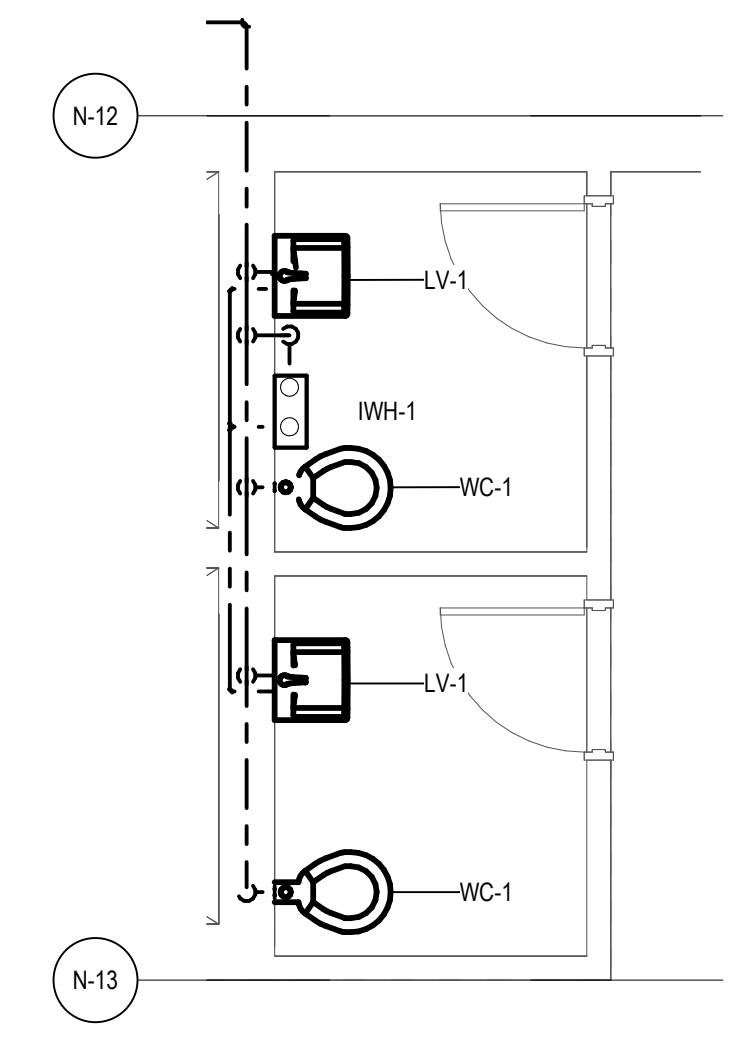
1 GROUND FLOOR PLUMBING/FP PLAN - CONRAC
3/8\" = 1'-0"



4 CONRAC - RPZ ROOM
1/2\" = 1'-0"



3 ENLARGED RPZ ROOM - CONRAC
1/2\" = 1'-0"



2 CONRAC - CUSTOMER SERVICE RESTROOMS
1/4\" = 1'-0"

PROJECT
SYRACUSE HANCOCK
INTERNATIONAL AIRPORT
Landside
Design Study -
ConRAC
1000 Col Eileen Collins Blvd
Syracuse, New York 13212
Syracuse Regional
Airport Authority
1000 Col Eileen Collins Blvd
Syracuse, New York 13212

PROJECT MANAGEMENT & PLANNING
Landrum & Brown
110 William St., 20th Fl.
New York, NY 10038

ARCHITECT
Perkins & Will
1290 Broadway, Suite 200
New York, NY 10007

STRUCTURAL, ROADWAY DESIGN
Foit-Albert Associates
295 Main Street, Suite 200
Buffalo, New York 14203

ACCOUNTING
TYLin
32 Old Slip, 10th Fl.
New York, NY 10005

LIGHTING DESIGN
Currie & Brown
12 East 49th Street, 11th Fl.
New York, NY 10017

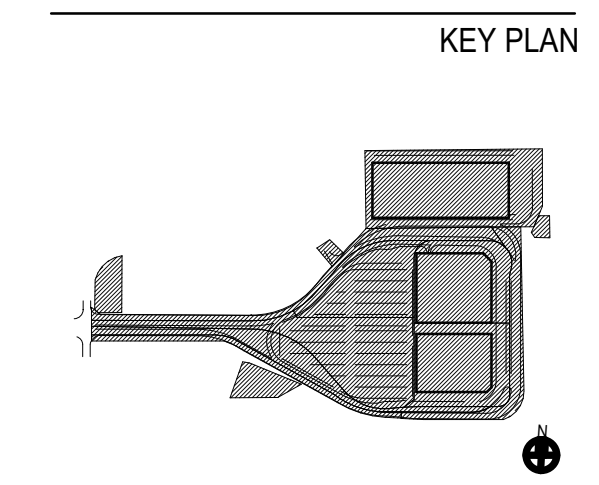
SIGNAGE
**Cline Bettridge
Bernstein**
116 East 27th Street, 4th Fl.
New York, NY 10010

LANDSCAPE
Airspace
41 Flatbush Ave.
Brooklyn, NY 11217

MEPPP
EDR
217 Montgomery St., Suite 1100
Syracuse, NY 13202

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555 Penbrooke Drive
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ISSUE CHART	
Revision Number	Revision Date

Scale: AS NOTED
Date: 05/03/23 Project Manager:
Drawn By: BS Checked By:
Job Number: Project Number:

TITLE
**PLUMBING PLAN - CONRAC
LEVEL 1**

DRAWING NUMBER
P11-11

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NEW KEYNOTES	
1.	1 1/2" CWS UP FROM FLOOR BELOW TO HB-2
2.	4" SP DN TO FLOOR BELOW, CAP AT TOP OF RISER.
3.	2 1/2" FIRE PROTECTION HOSE VALVE.

PROJECT

Syracuse Hancock International Airport
Landside Design Study - ConRAC
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212
Syracuse Regional Airport Authority
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212

PROJECT MANAGEMENT & PLANNING
Landrum & Brown
 110 William St., 20th Fl.
 New York, NY 10038
ARCHITECT
Perkins & Will
 1250 Broadway, Suite 200
 New York, NY 10007

STRUCTURAL, ROADWAY DESIGN
Foit-Albert Associates
 295 Main Street, Suite 200
 Buffalo, New York 14203

ACCOUNTING
TYLin
 32 Old Slip, 10th Fl.
 New York, NY 10005

LIGHTING DESIGN
Currie & Brown
 12 East 49th Street, 11th Fl.
 New York, NY 10017

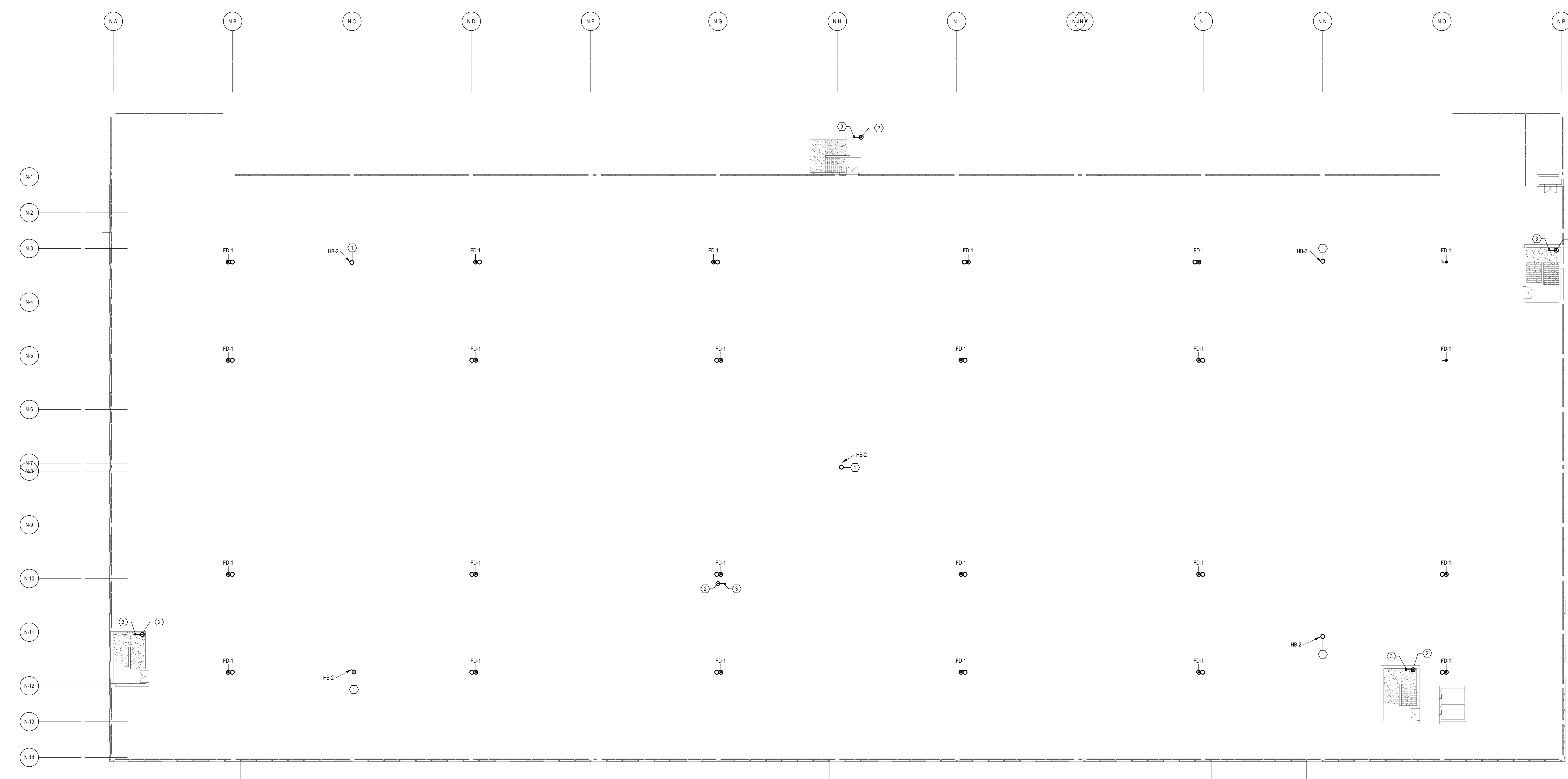
SIGNAGE
Cline Bettridge Bernstein
 116 East 27th Street, 4th Fl.
 New York, NY 10016

LANDSCAPE
Airspace
 41 Flatbush Ave.
 Brooklyn, NY 11217

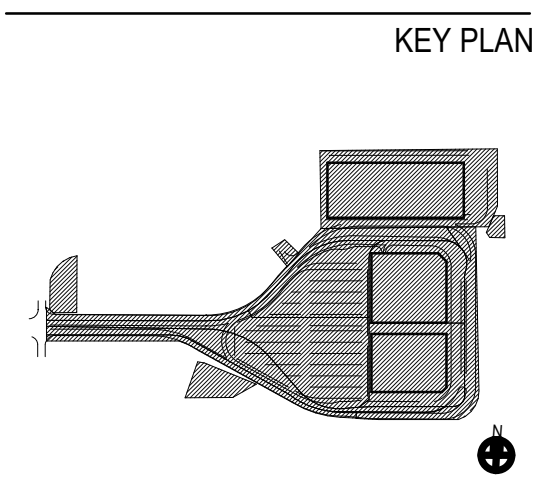
MEFPF
EDR
 217 Montgomery St., Suite 1100
 Syracuse, NY 13202

MEFPF
PDG
 555 Penbrooke Drive
 Perfield, NY 14226

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1 LEVEL 2 PLUMBING/FP PLAN - CONRAC
 3/64" = 1'-0"



ISSUE CHART

Revision Number	Revision Date

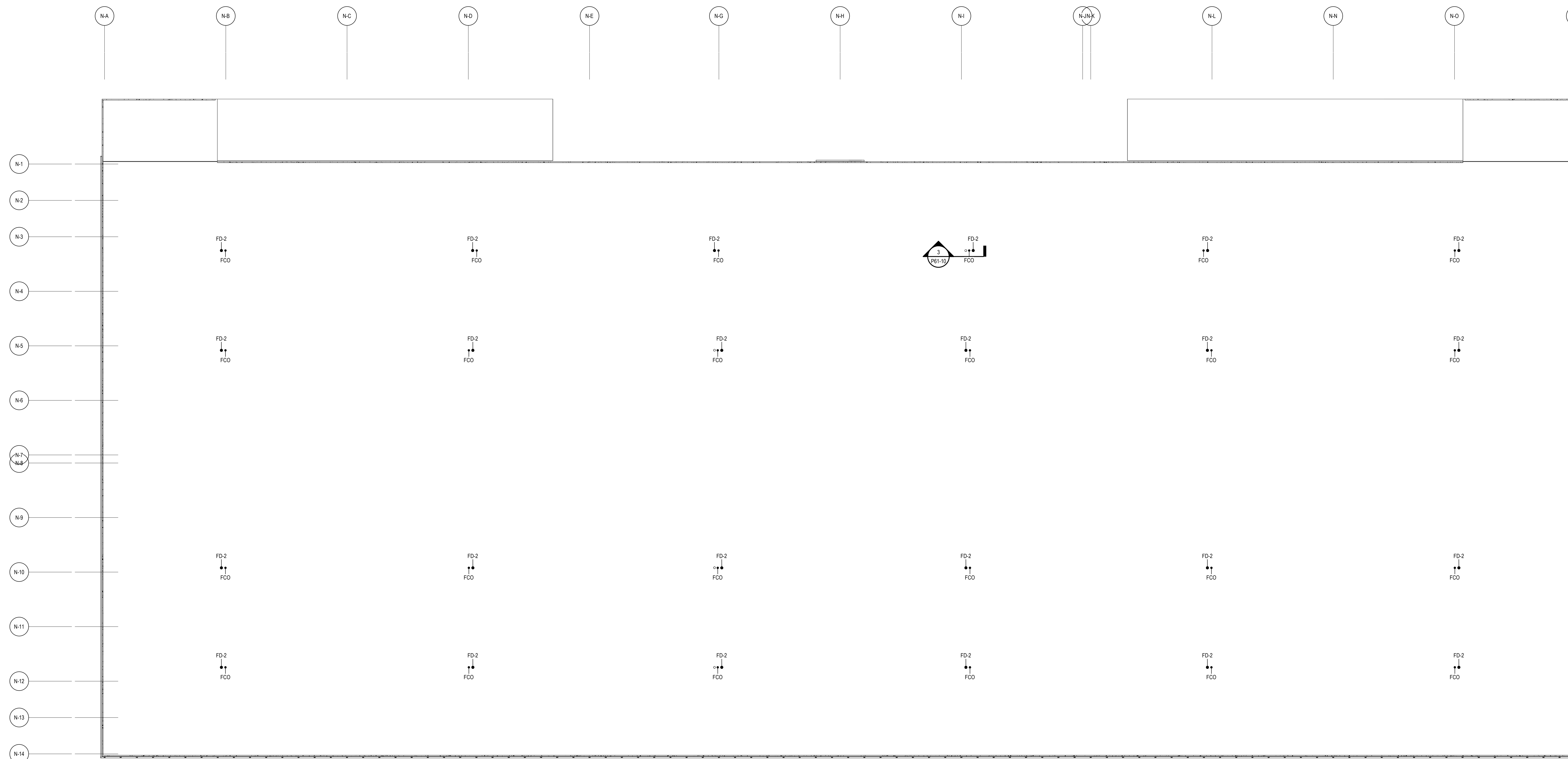
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Date: 05/03/23	Project Manager:
Drawn By: BS	Checked By:
Job Number:	Checker Number:
Project Number:	TITLE

PLUMBING PLAN - CONRAC
LEVEL 2

DRAWING NUMBER
P11-12

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1 ROOF PLUMBING/FP PLAN - CONRAC
 3/8" = 1'-0"

PROJECT
SYRACUSE HANCOCK
INTERNATIONAL AIRPORT
 Landside Design Study - ConRAC
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212
Syracuse Regional Airport Authority
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212

PROJECT MANAGEMENT & PLANNING
Landrum & Brown
 110 William St., 20th Fl.
 New York, NY 10038

ARCHITECT
Perkins & Will
 1290 Broadway, Suite 200
 New York, NY 10001

Foit-Albert Associates
 295 Main Street, Suite 200
 Buffalo, New York 14203

STRUCTURAL, ROADWAY DESIGN
TYLin
 32 Old Slip, 10th Fl.
 New York, NY 10005

ACCOUNTING
Currie & Brown
 12 East 49th Street, 11th Fl.
 New York, NY 10017

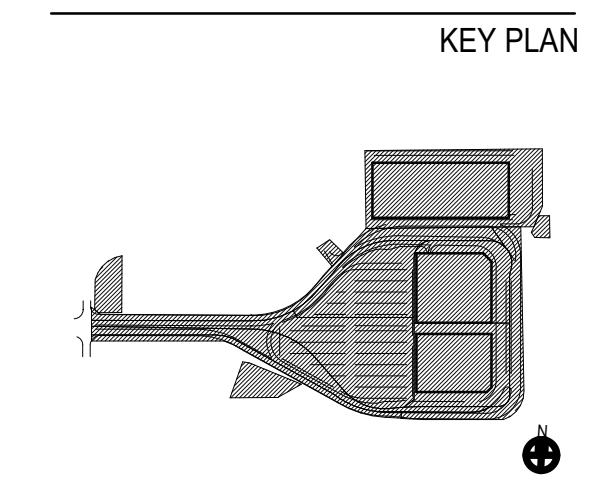
LIGHTING DESIGN
Cline Bettridge Bernstein
 116 East 27th Street, 4th Fl.
 New York, NY 10010

SIGNAGE
Airspace
 41 Flatbush Ave.
 Brooklyn, NY 11217

LANDSCAPE
EDR
 217 Montgomery St., Suite 1100
 Syracuse, NY 13202

MEPPP
PDG
 555 Penbrooke Drive
 Perfield, NY 14526

PRELIMINARY NOT - FOR CONSTRUCTION 05/03/23



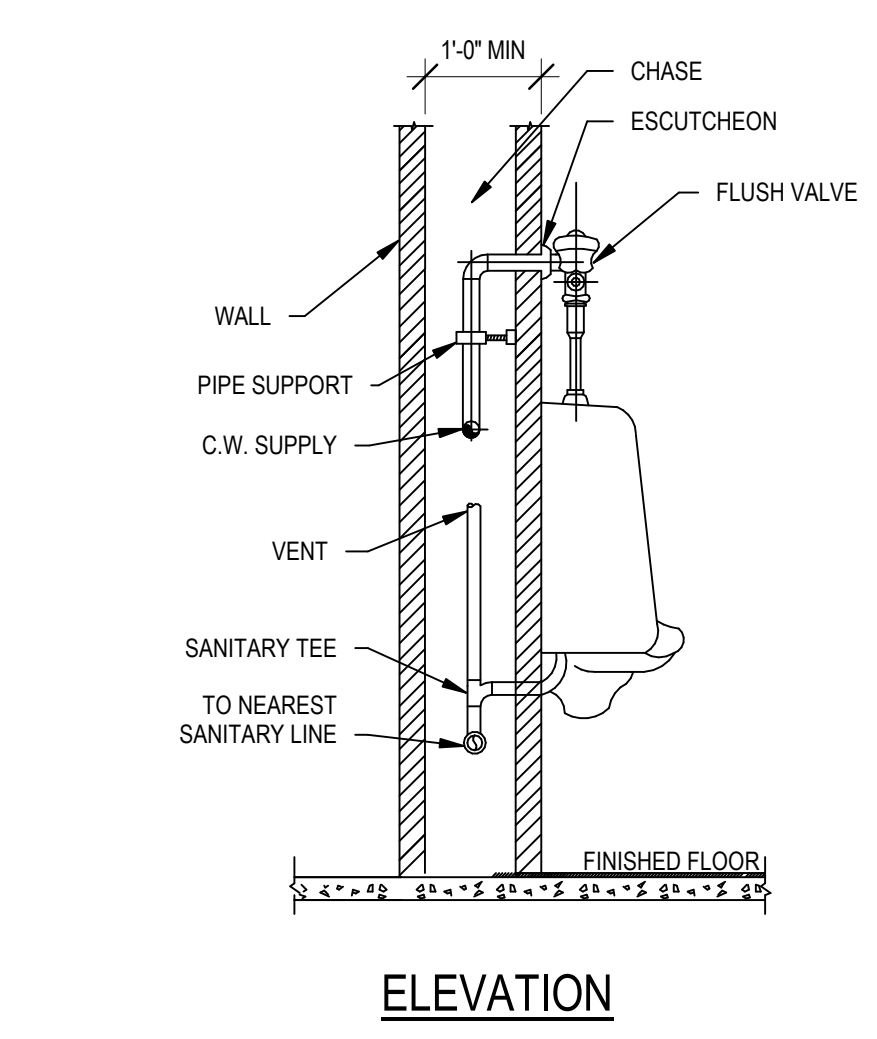
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Revision Number	Revision Date

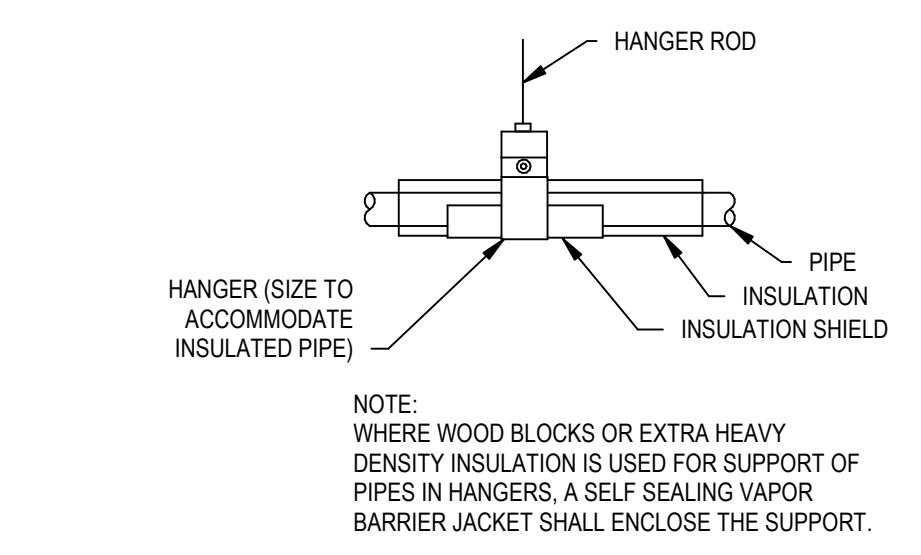
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 Date: 05/03/23
 Drawn By: BS
 Job Number:

Project Manager:
 Checked By:
 Checker Number:
 Project Number:
 TITLE

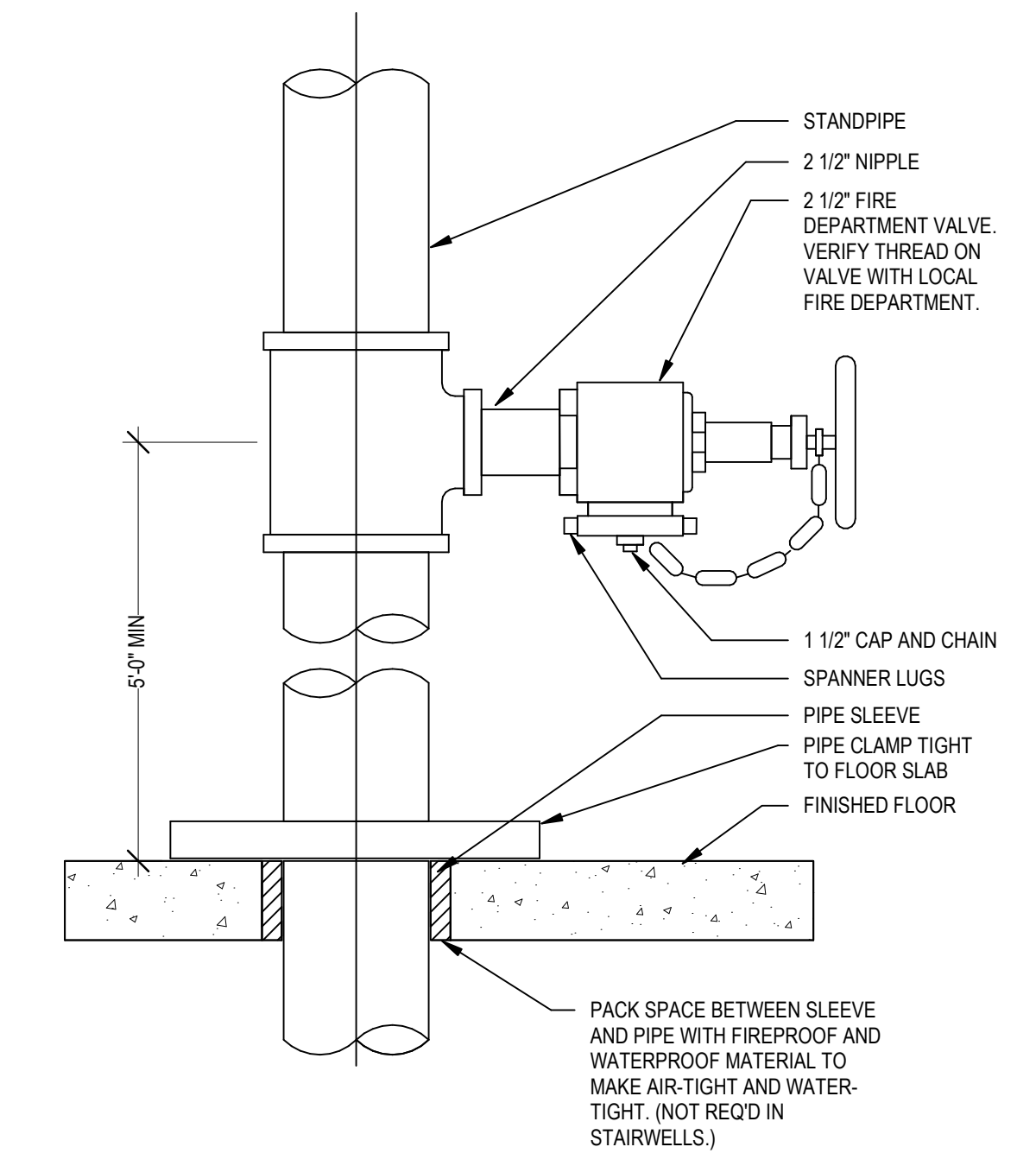
PLUMBING PLAN - CONRAC
 ROOF
 DRAWING NUMBER
P11-13



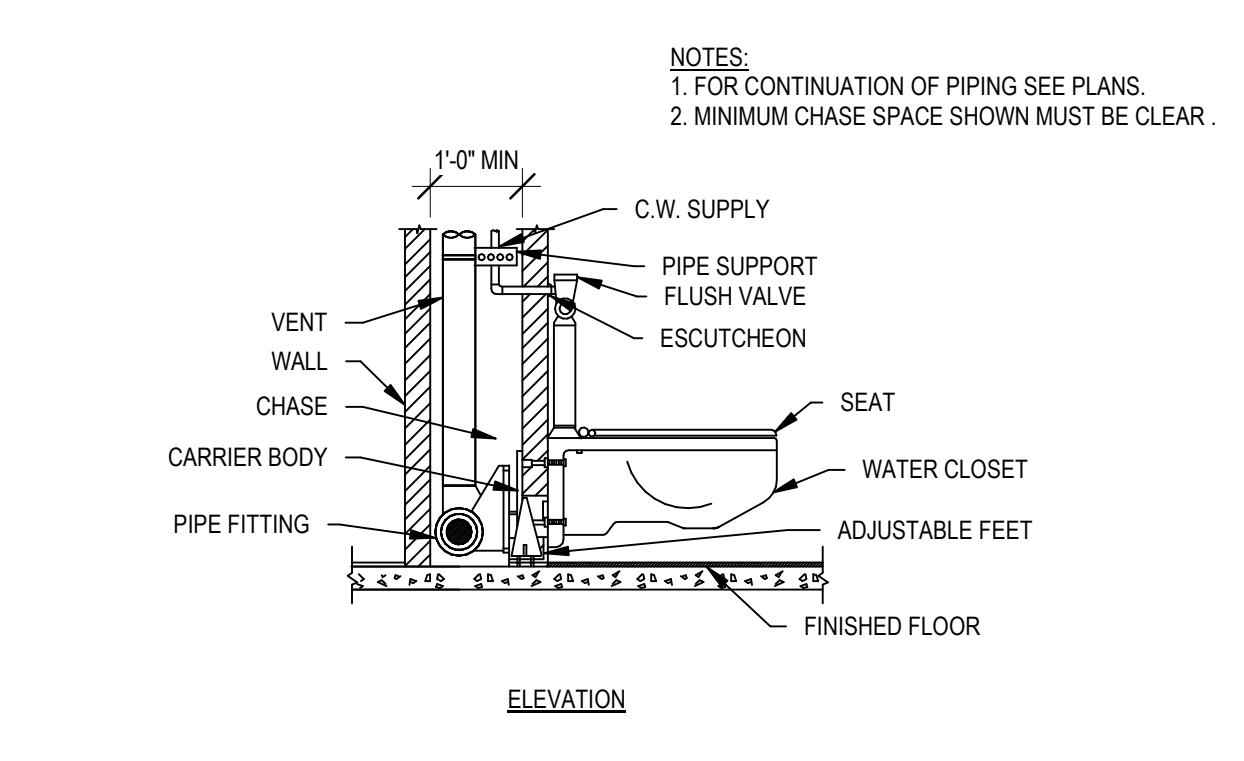
15 SINGLE WALL-HUNG URINAL DETAIL
1" = 1'-0"



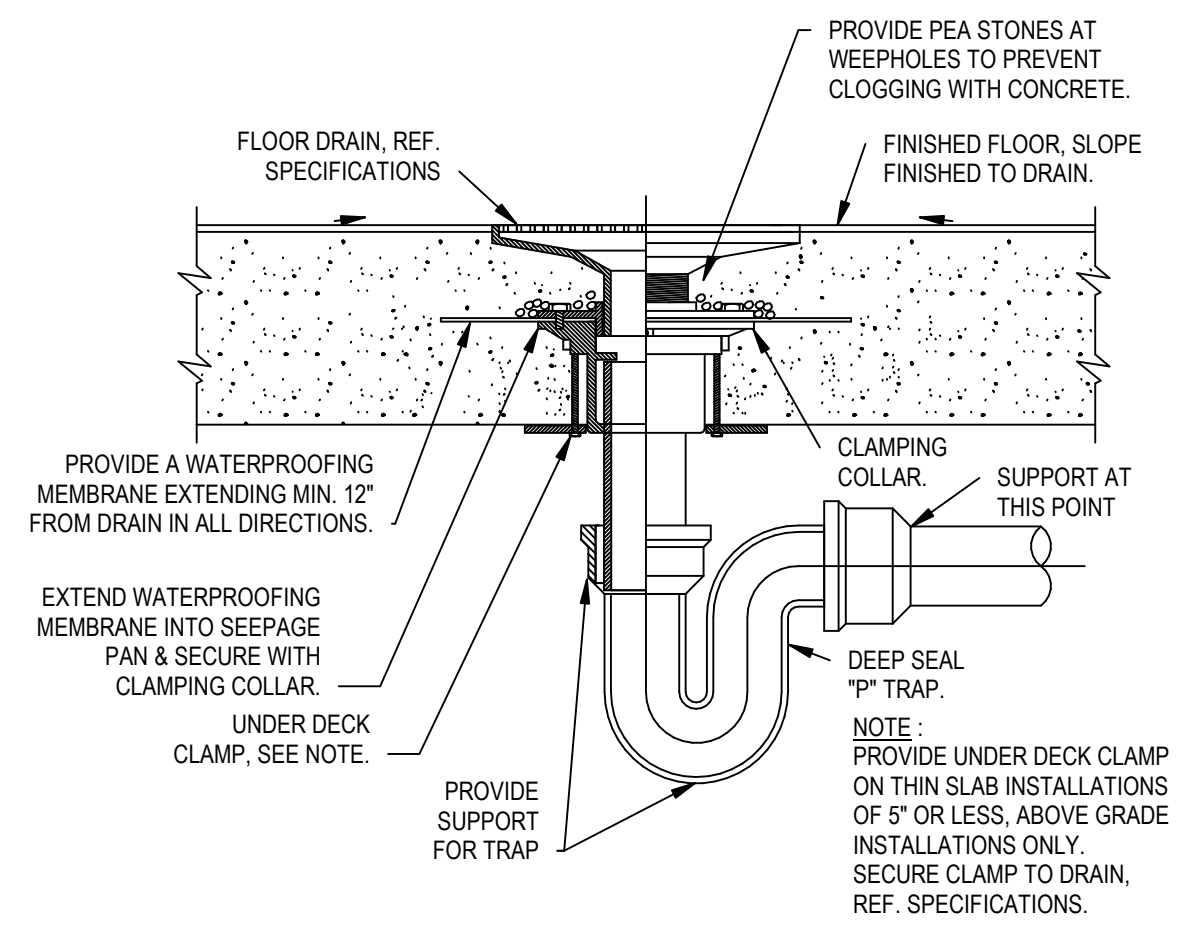
14 PIPE HANGER DETAIL
1" = 1'-0"



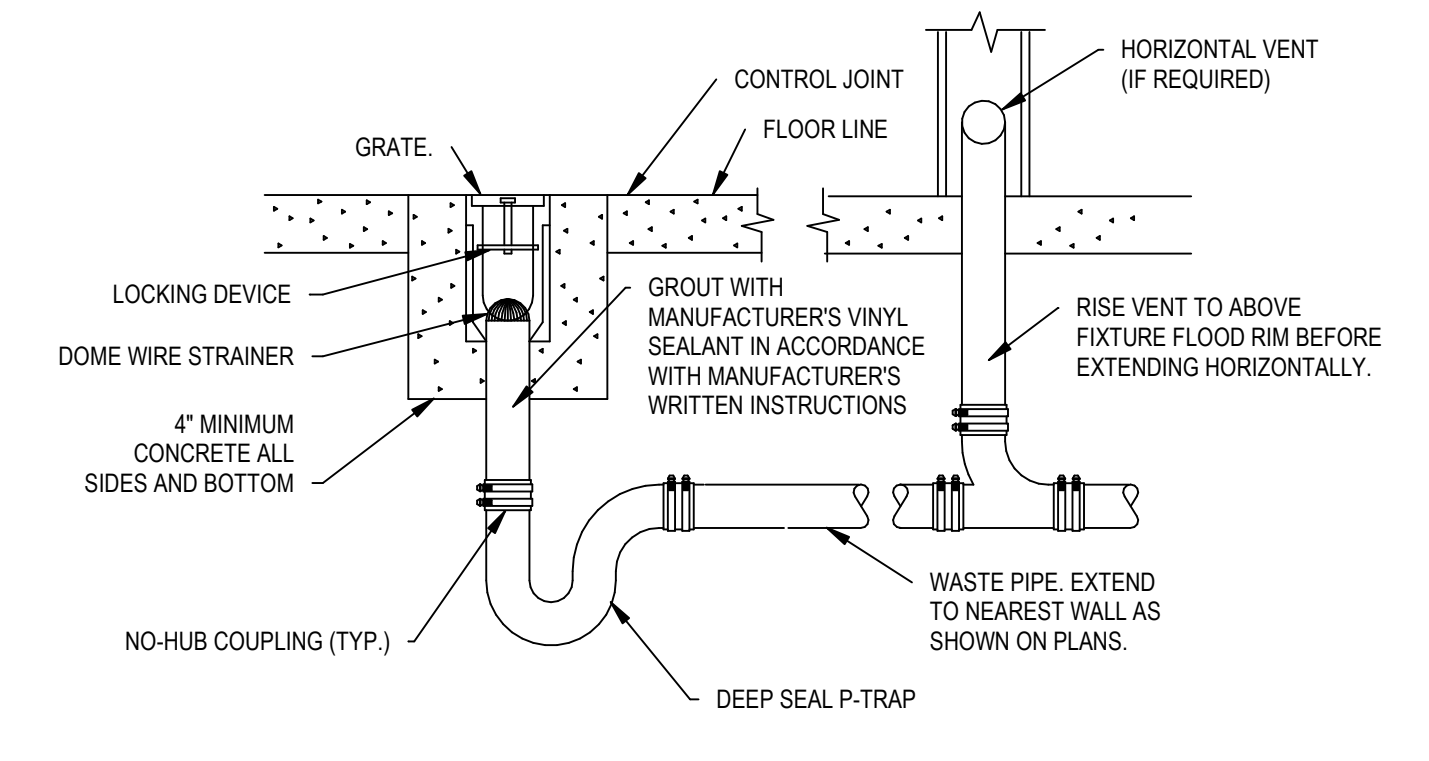
13 FIRE DEPARTMENT HOSE VALVE DETAIL
1" = 1'-0"



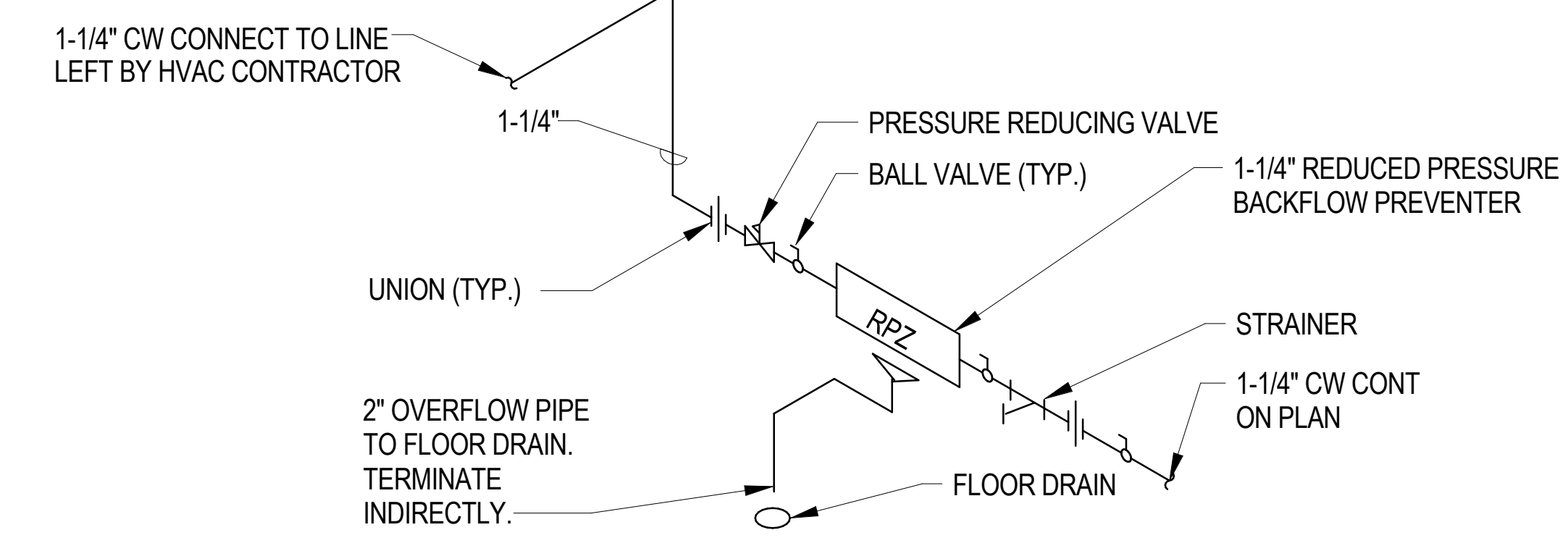
12 SINGLE WALL-HUNG WATER CLOSET DETAIL
1" = 1'-0"



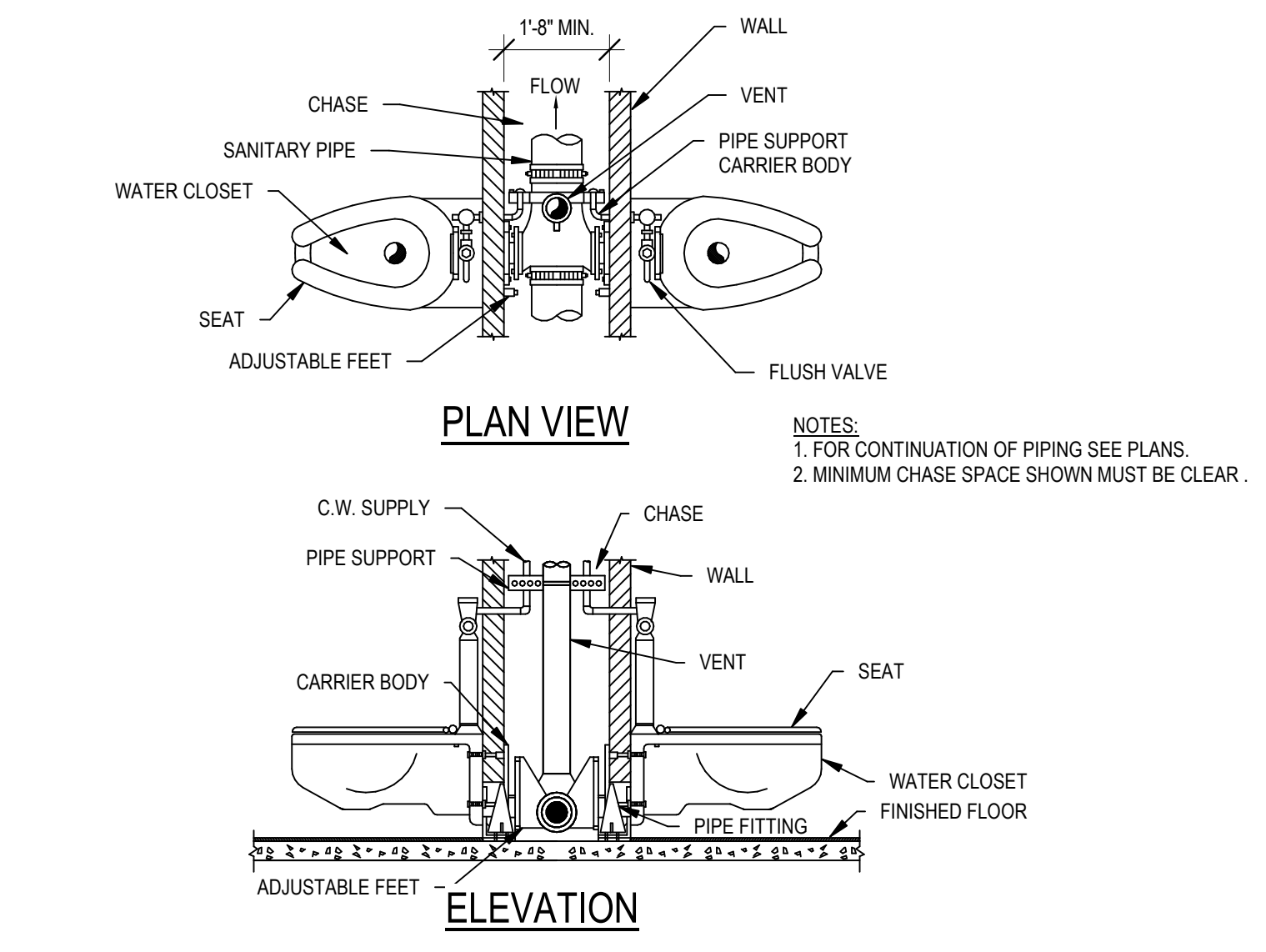
11 FLOOR DRAIN DETAIL
3/4" = 1'-0"



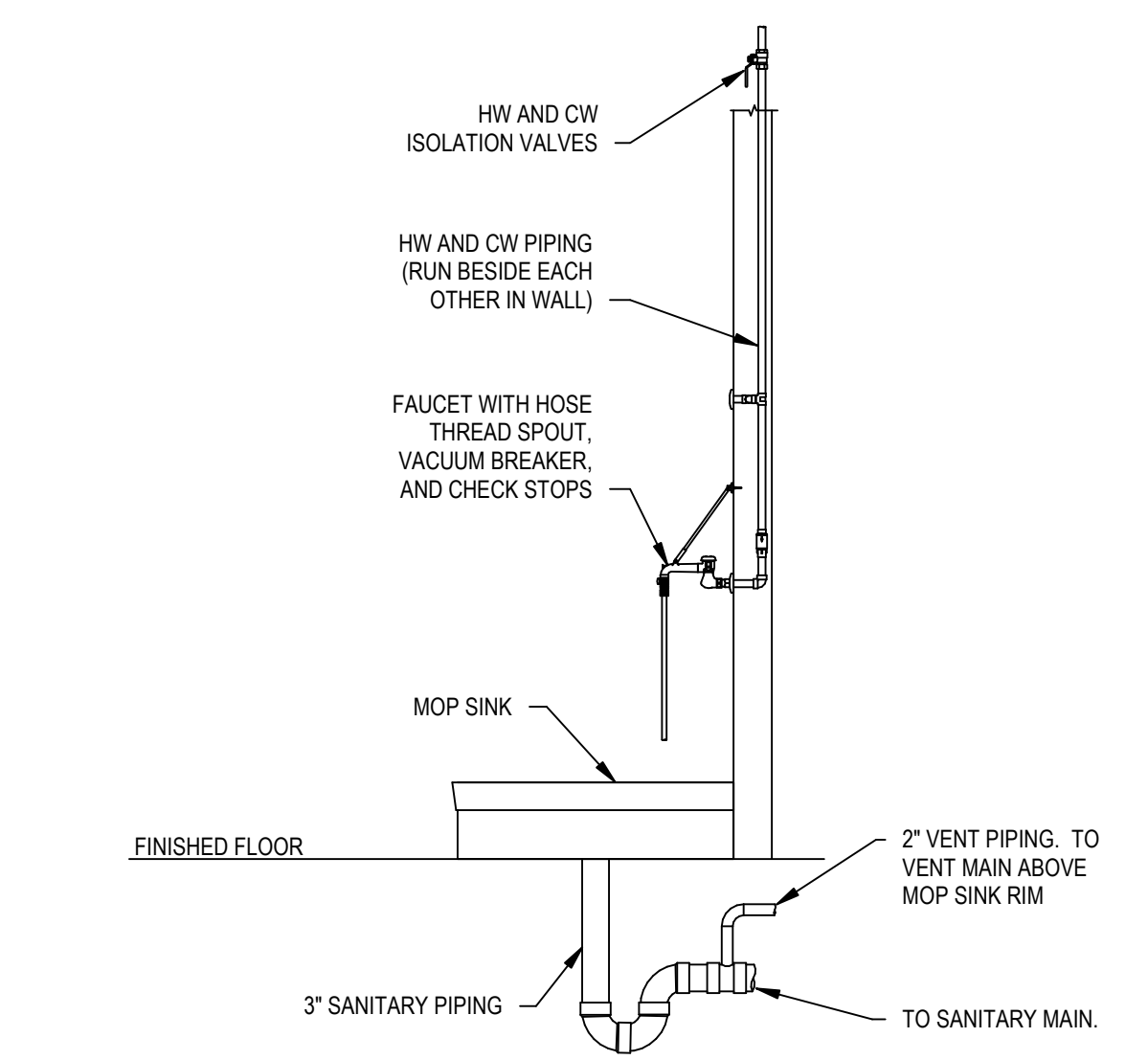
10 TRENCH DRAIN DETAIL
1" = 1'-0"



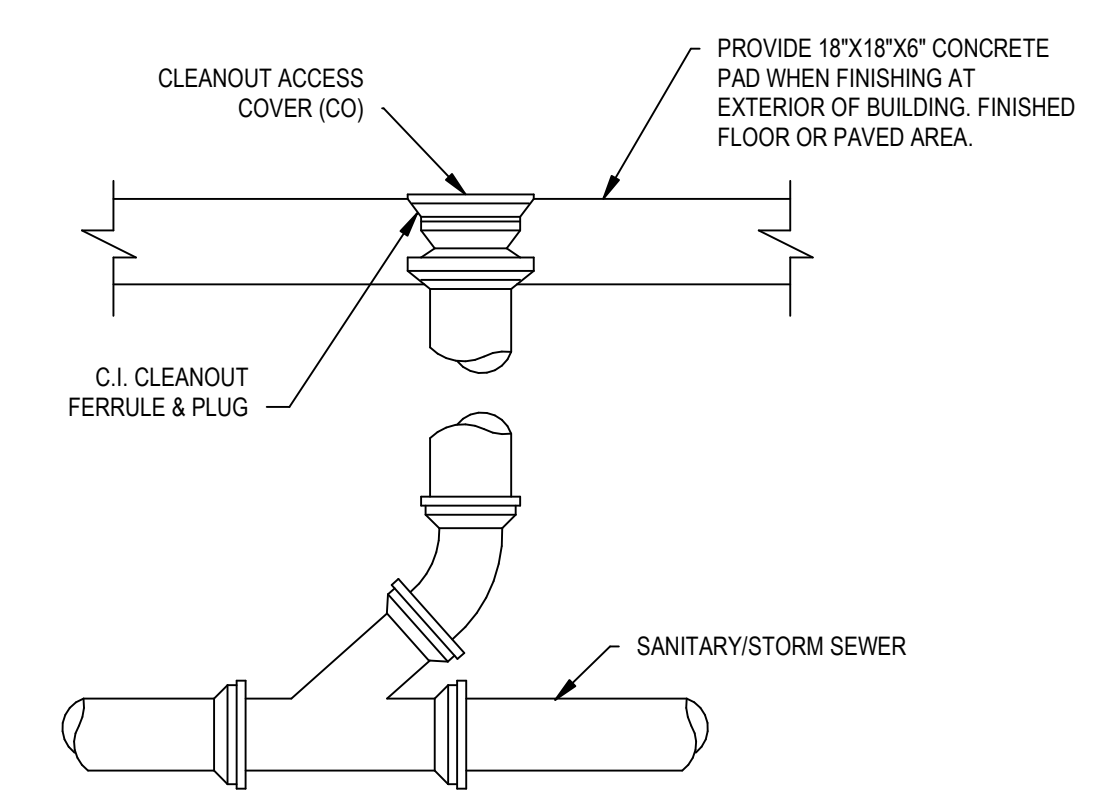
9 WATER SERVICE DETAIL
1" = 1'-0"



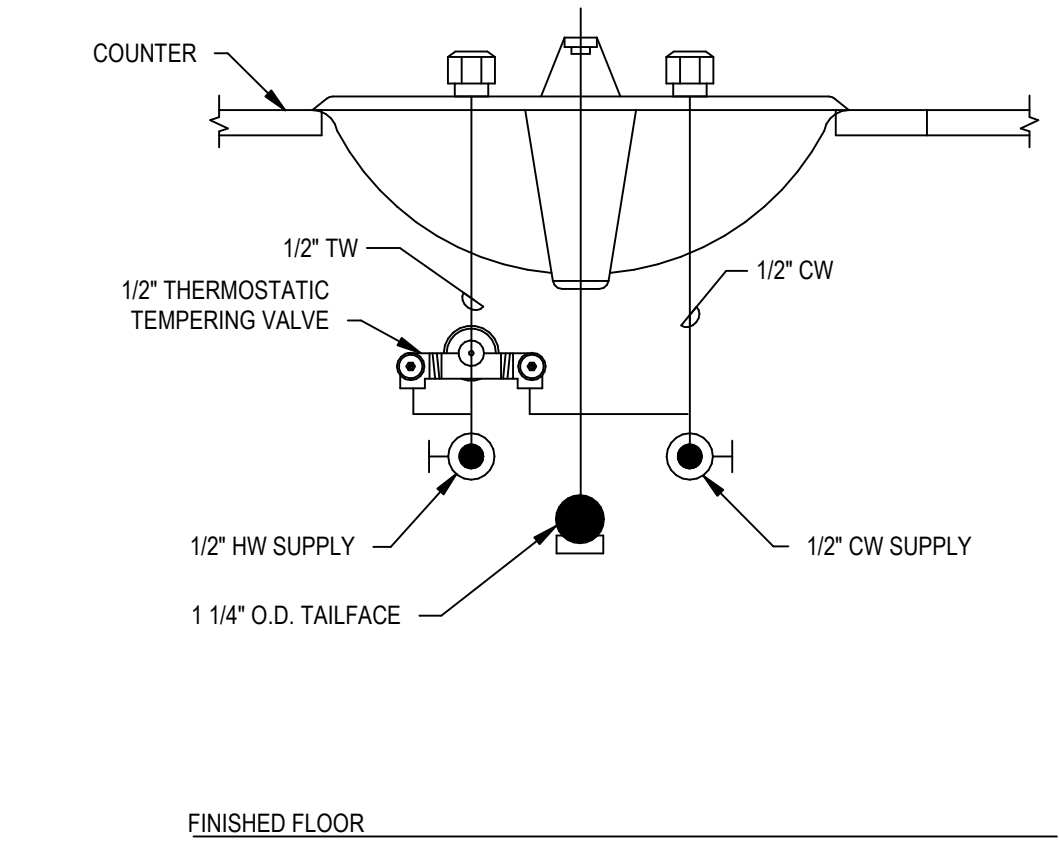
8 BACK TO BACK WALL HUNG WATER CLOSET DETAIL
1" = 1'-0"



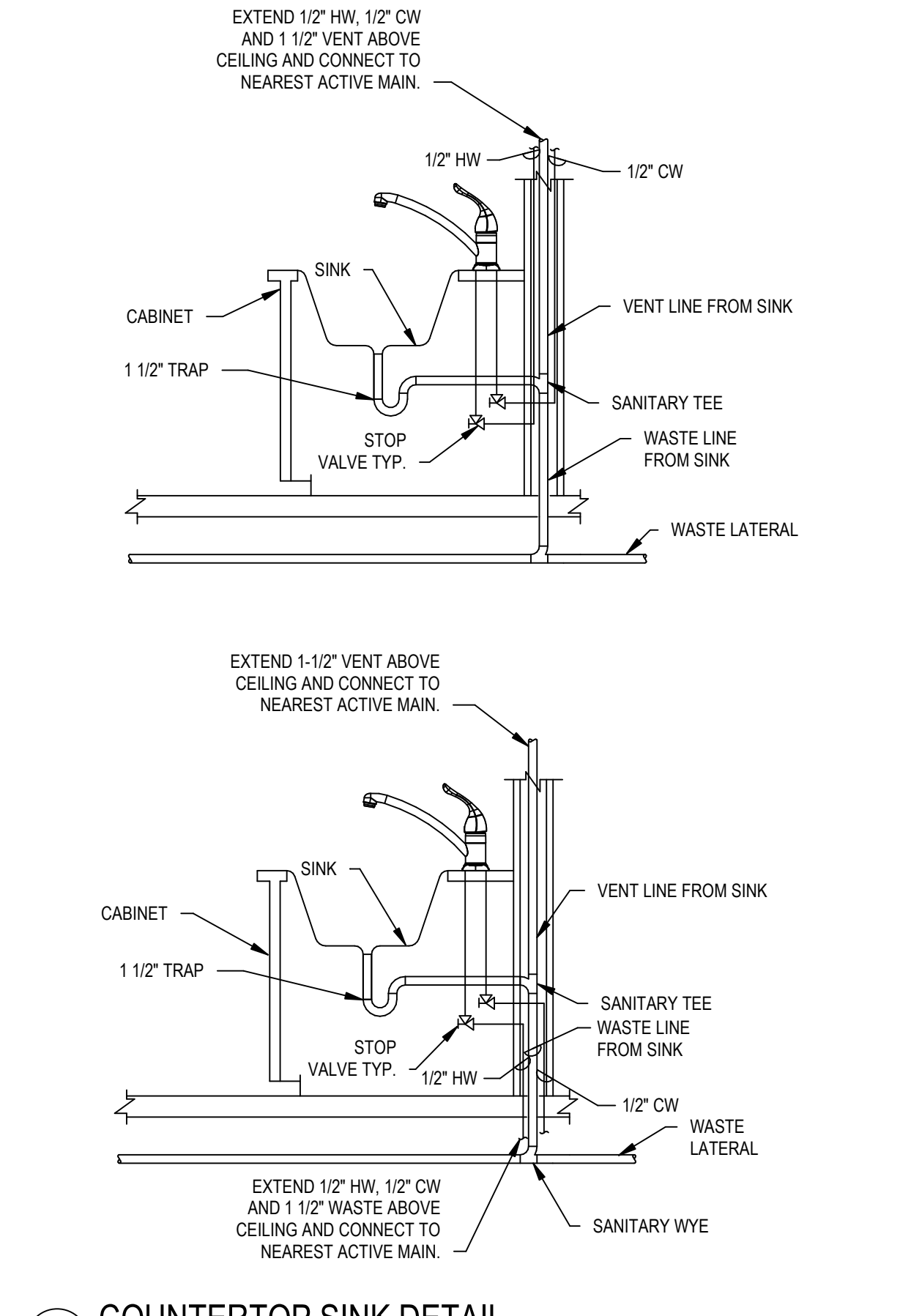
7 MOP RECEPTOR DETAIL
1" = 1'-0"



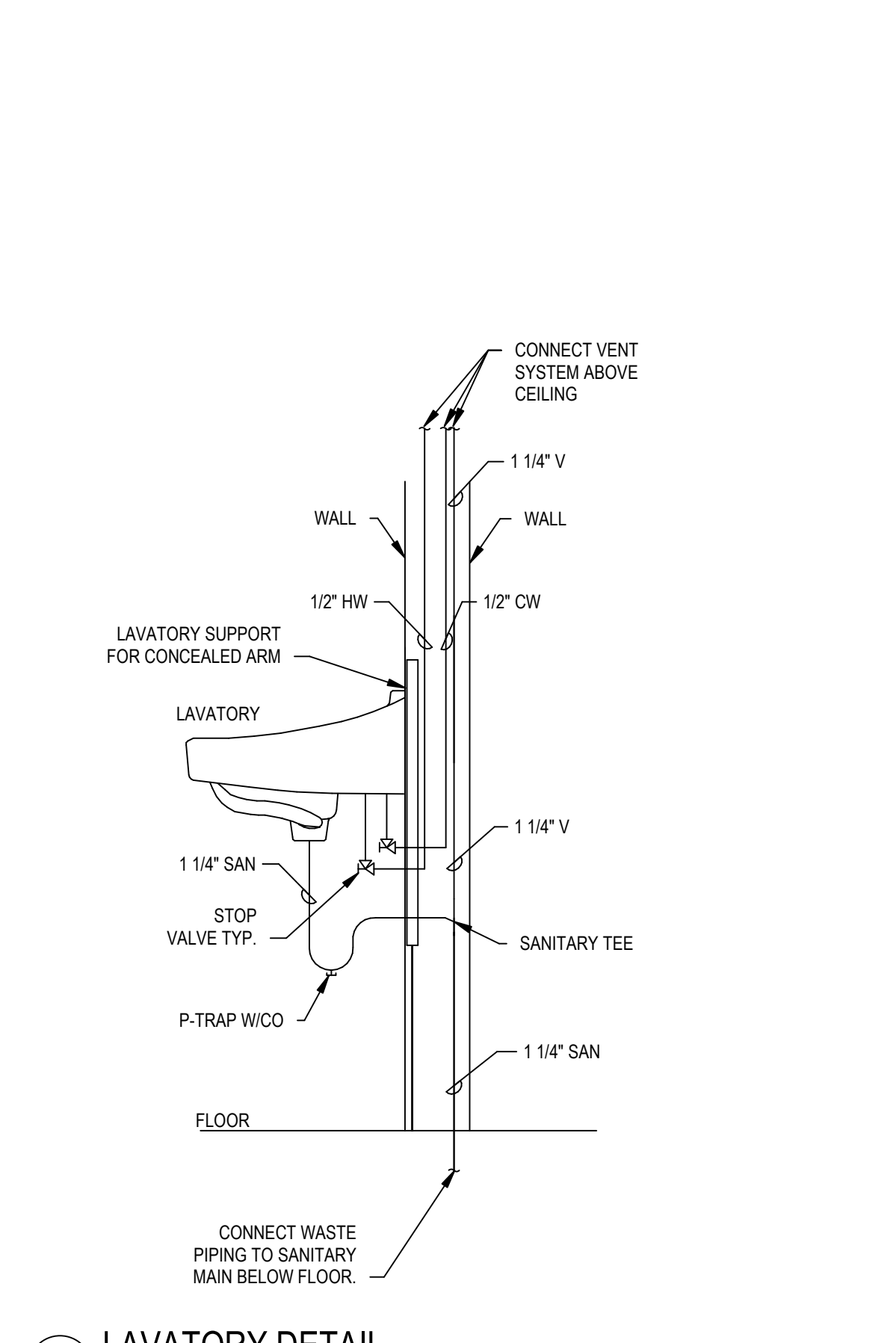
6 FLOOR CLEANOUT DETAIL
1" = 1'-0"



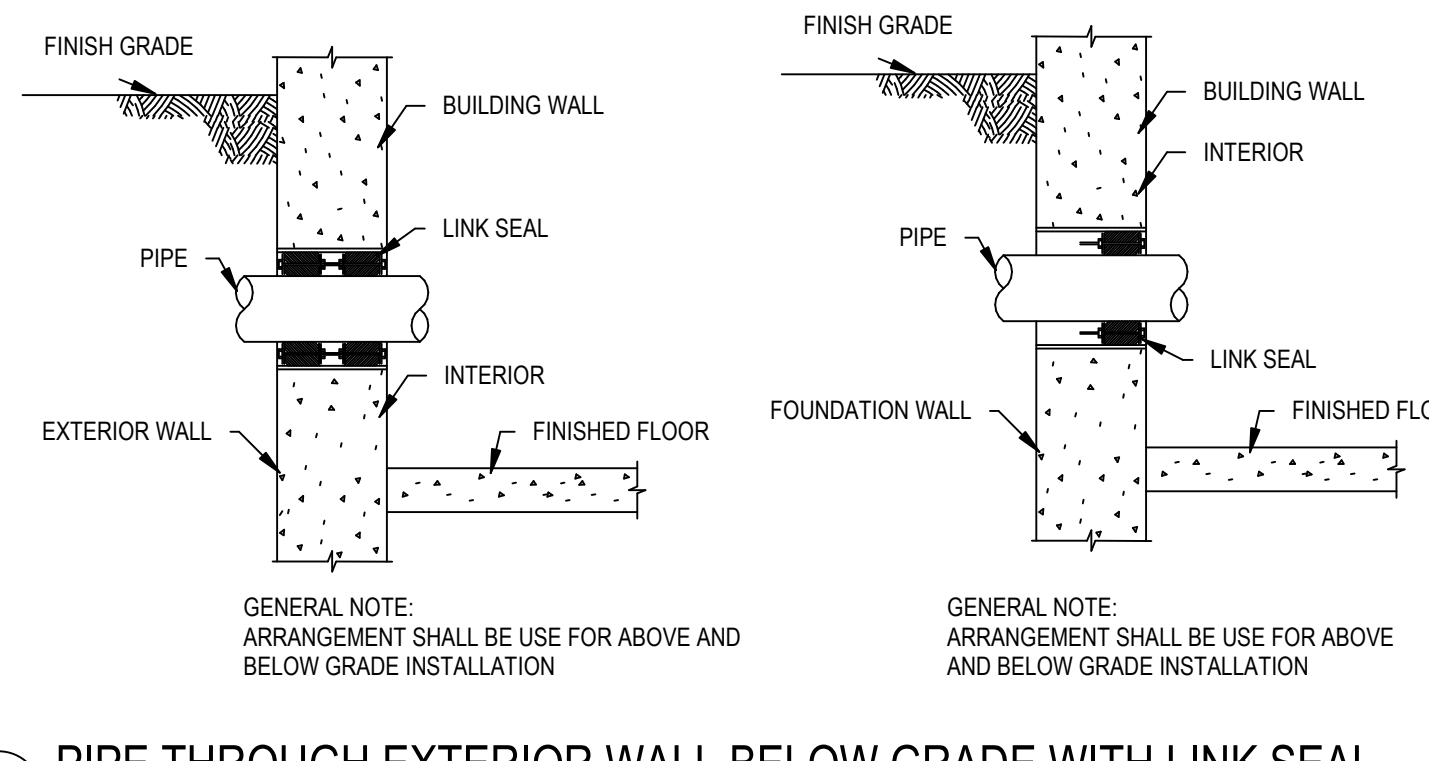
5 LOCAL MIXING VALVE DETAIL
1" = 1'-0"



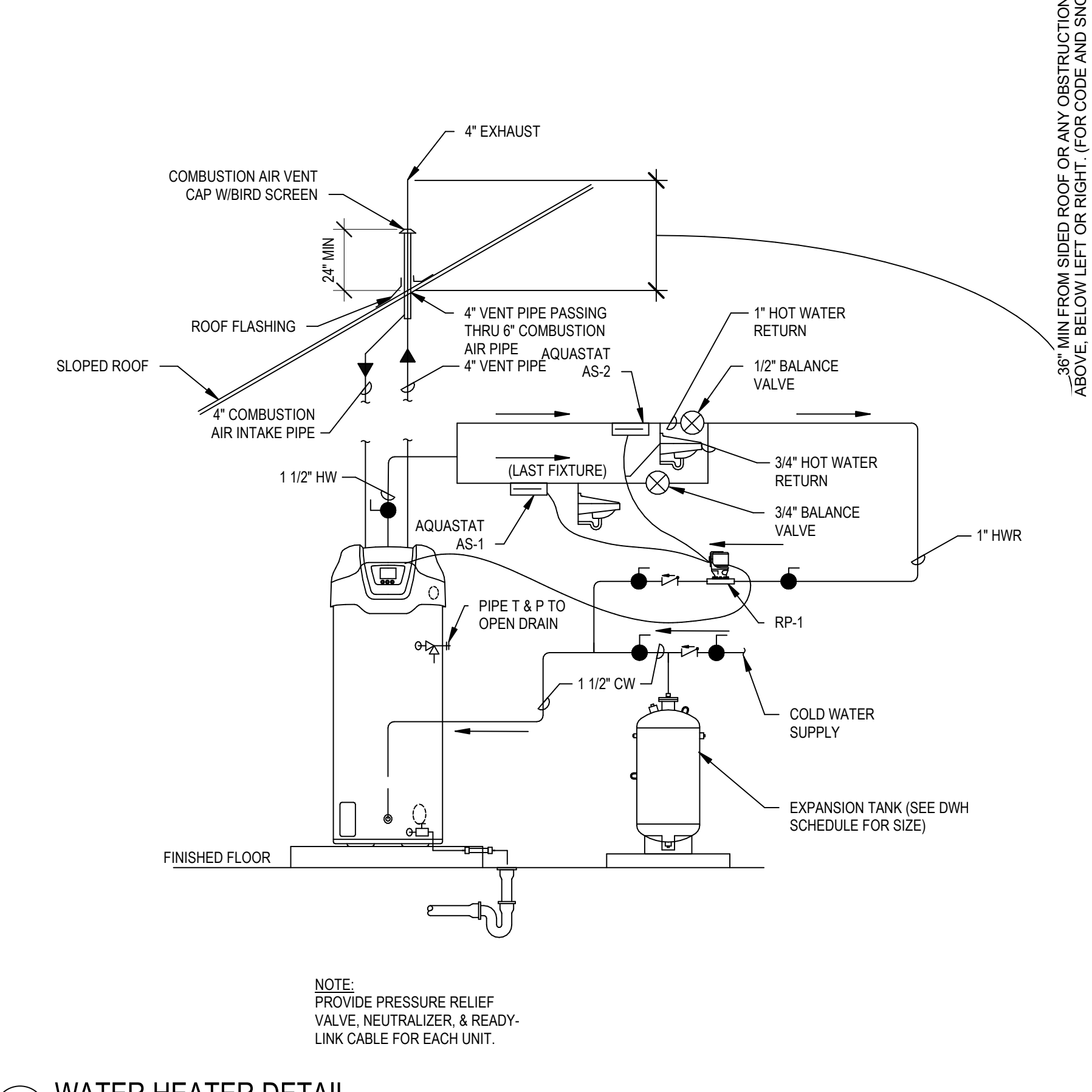
4 COUNTERTOP SINK DETAIL
1" = 1'-0"



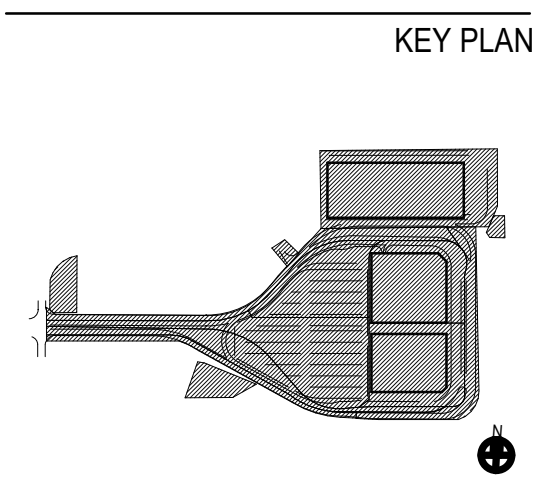
3 LAVATORY DETAIL
1" = 1'-0"



2 PIPE THROUGH EXTERIOR WALL BELOW GRADE WITH LINK SEAL
1/2" = 1'-0"



1 WATER HEATER DETAIL
1" = 1'-0"



ISSUE CHART table with columns for Number, Description, and Revision Date.

Scale and Project Information table including Date (05/03/23), Project Manager, Drawn By (BS), Checked By, Job Number, and Project Number.

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INSTANTANEOUS WATER HEATER SCHEDULE											
MARK	LOCATION	TYPE	MAX OPERATING PRESSURE	CAPACITY	AMBIENTE TEMP. MAX		TANK VOLUME (GAL)	MAX HEAT OUTPUT	WEIGHT (LBS)	Electrical Requirement	NOTES & REQUIRED ACCESSORIES
					1.44 KW	(F)					
WH-1	Toilet Room 118	RHEEM PROE419HRMT	150	1.44 KW	143 F	4			21	120V	

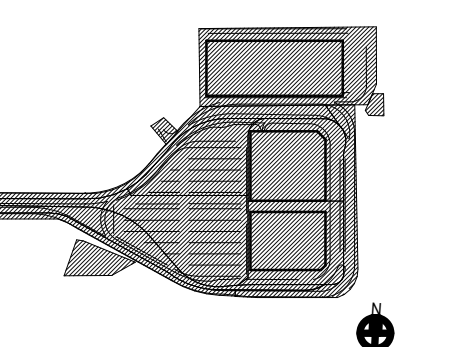
FIXTURE CONNECTION SCHEDULE - CONRAC								
MARK	FIXTURE	MOUNTING	ROUGH-IN SIZES				MANUFACTURER	MODEL
			HW	CW	SAN	VENT		
WC-1	WATER CLOSET	WALL MOUNTED	-	1-1/2"	4"	2"		
WC-2	ADA WATER CLOSET	WALL MOUNTED	-	1-1/2"	4"	2"		
UR-1	URINAL	WALL MOUNTED	-	3/4"	2"	1-1/2"		
LAV-1	LAVATORY	WALL MOUNTED	1/2"	1/2"	1-1/2"	1-1/2"		
LAV-2	ADA LAVATORY	WALL MOUNTED	1/2"	1/2"	1-1/2"	1-1/2"		
MS-1	MOP SINK	FLOOR MOUNTED	1/2"	1/2"	3"	1-1/2"		
FS-1	FLOOR SINK	FLOOR MOUNTED	1/2"	1/2"	3"	1-1/2"		
FD-1	FLOOR DRAIN	FLOOR MOUNTED	-	-	4"	2"		
FD-2	ROOF DRAIN	FLOOR MOUNTED	-	-	4"	-		
FCO	FLOOR CLEAN OUT	FLOOR MOUNTED	-	-	4"	-		
WCO	WALL CLEAN OUT COVER	WALL MOUNTED	-	-	4"	-		
HB-1	HOSE BIBB	WALL MOUNTED	-	3/4"	-	-		
HB-2	WASHDOWN HOSE BIBB	WALL MOUNTED	-	1 1/2"	-	-		

PUMP SCHEDULE (P)											
UNIT NO.	ARRANGEMENT	SYSTEM SERVED	GPM	TDH (FT WG)	RPM	ELECTRICAL			BASIS OF DESIGN		REMARKS
						VOLTS	PHASE	HP	MANUFACTURER	MODEL	

RPZ SCHEDULE - CONRAC													
MARK	LOCATION	TYPE	MAX OUTSIDE PRESSURE	CAPACITY	AMBIENTE TEMP. MAX (F)	RECEIVER VOLUME (GAL)	MOTOR NOMINAL POWER	MAX HEAT OUTPUT	WEIGHT (LBS)	Electrical Requirement	MAX SOUND LEVEL	DESIGN BASIS OR EQUAL	NOTES & REQUIRED ACCESSORIES

PRELIMINARY NOT - FOR CONSTRUCTION 05/03/23

KEY PLAN



ISSUE CHART

Revision Number	Revision Date

Scale: AS NOTED
 Date: 05/03/23
 Drawn By: BS
 Job Number:

Project Manager:
 Checked By:
 Checker:
 Project Number:

TITLE

PLUMBING SCHEDULES - CONRAC

DRAWING NUMBER

P60-10

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PROJECT
SYRACUSE
HANCOCK
INTERNATIONAL AIRPORT
 Landside
 Design Study -
 ConRAC
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212
 Syracuse Regional
 Airport Authority
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212

PROJECT MANAGEMENT & PLANNING
Landrum & Brown
 113 William St., 20th Fl.
 New York, NY 10038

ARCHITECT
Perkins & Will
 1250 Broadway, Suite 200
 New York, NY 10001

STRUCTURAL, ROADWAY DESIGN
Foit-Albert Associates
 295 Main Street, Suite 200
 Buffalo, New York 14203

ACCOUNTING
TYLin
 32 Old Slip, 10th Fl.
 New York, NY 10005

LIGHTING DESIGN
Currie & Brown
 12 East 49th Street, 11th Fl.
 New York, NY 10017

SIGNAGE
**Cline Bettridge
 Bernstein**
 116 East 27th Street, 4th Fl.
 New York, NY 10016

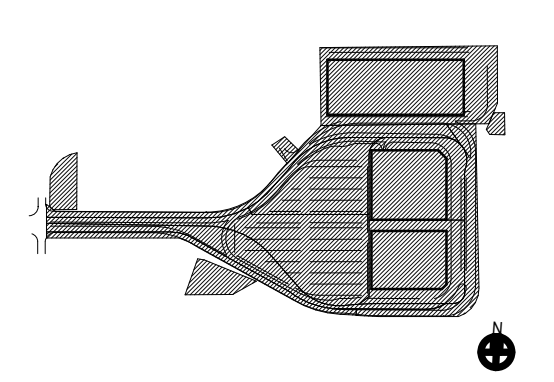
LANDSCAPE
Airspace
 41 Flatbush Ave.
 Brooklyn, NY 11217

MEPPP
EDR
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 Syracuse, NY 13202

MEPPP
PDG
 555 Penbrooke Drive
 Perfield, NY 14526

PRELIMINARY NOT - FOR CONSTRUCTION 05/03/23

KEY PLAN



ISSUE CHART

Revision Number	Revision Date

Scale: AS NOTED
 Date: 05/03/23
 Drawn By: BS
 Job Number: _____

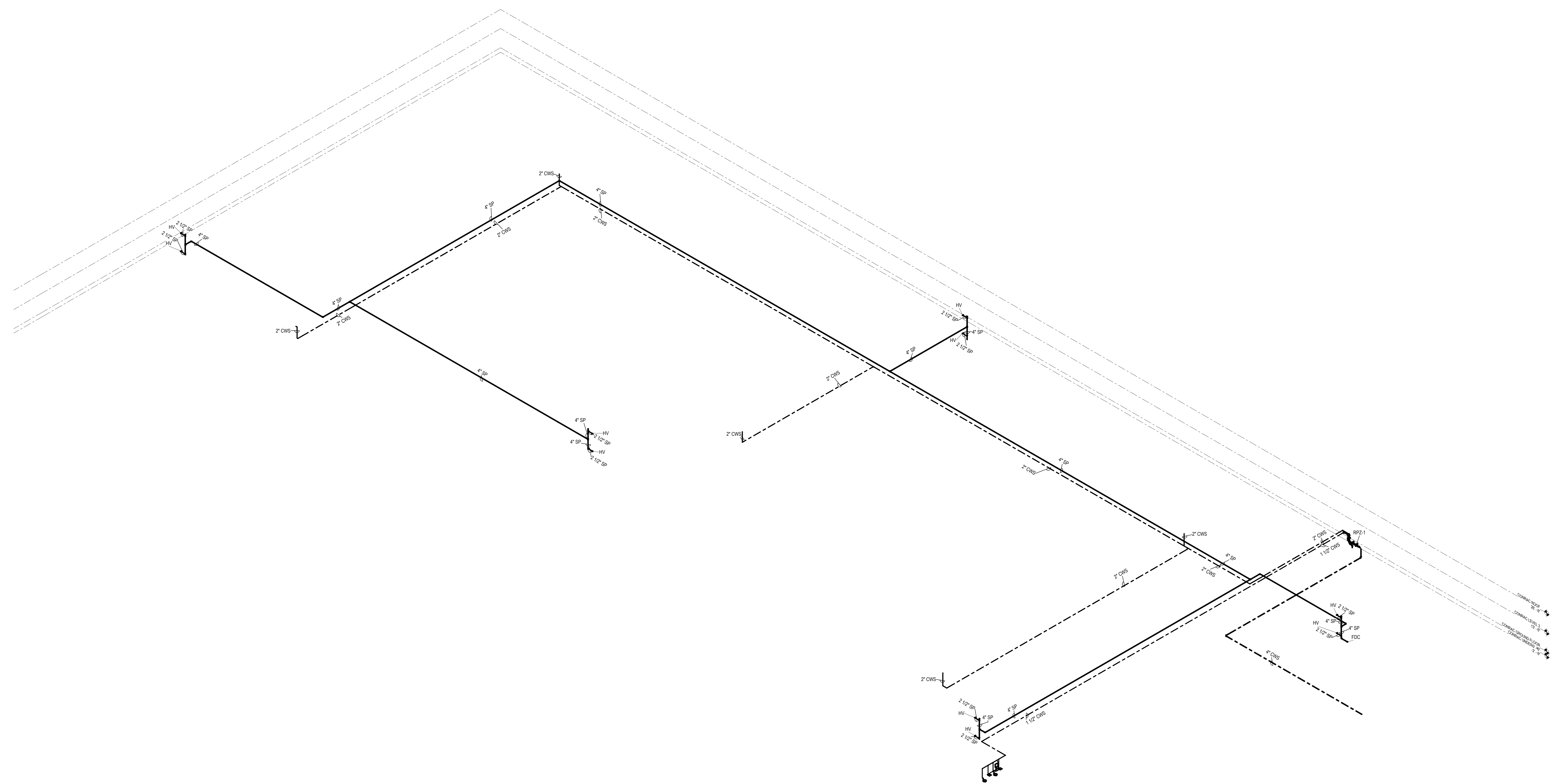
Project Manager: _____
 Checked By: _____
 Project Number: _____

TITLE

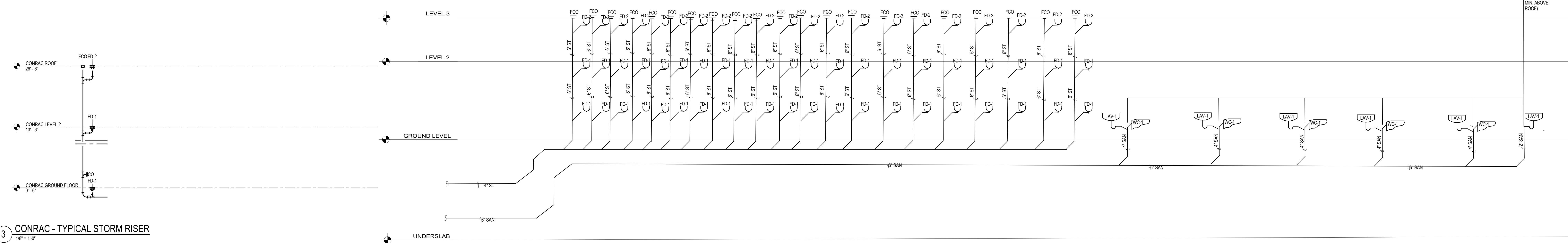
RISER DIAGRAMS - CONRAC

DRAWING NUMBER

P61-10



1 CONRAC - DOMESTIC RISERS ISO



CONRAC SANITARY/STORM RISER DIAGRAM

2 CONRAC SANITARY/STORM RISER DIAGRAM

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GENERAL NOTES

- 1. DO NOT SHUT DOWN ANY MECHANICAL, PLUMBING, FIRE PROTECTION, NATURAL GAS, ELECTRICAL, OR RELATED SYSTEMS WITHOUT BUILDING OWNER'S PRIOR WRITTEN APPROVAL. FOLLOW ALL OWNER REQUIREMENTS AND SHUT DOWN PROCEDURES AS WELL AS ALL REQUIREMENTS OF THIS PROJECT.
2. IF REQUIRED, PROVIDE SHUT DOWNS AND TESTS DURING OFF HOURS TO AVOID DISRUPTION OF BUILDING SYSTEMS. COORDINATE ALL SHUT DOWN REQUIREMENTS PRIOR TO SUBMITTING BID (INCLUDE ALL REQUIRED DURING OFF HOURS IN BID).
3. PROVIDE ALL WORK IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL CODES. OBTAIN ALL REQUIRED PERMITS.
4. COORDINATE ALL OUTSIDE AIR INTAKE LOCATIONS WITH PLUMBING CONTRACTOR. ALL VENT TERMINATIONS ABOVE ROOF SHALL BE A MINIMUM 20'-0" AWAY FROM ANY HVAC OUTSIDE AIR INTAKE (ROOFTOP UNIT, LOUVER, ETC.).
5. REFER TO ARCHITECTURAL DRAWINGS AND THE PROJECT SPECIFICATIONS FOR ANY PROJECT PHASING REQUIREMENTS.
6. THE PIPING INDICATED ON THESE PLANS ARE DIAGRAMATIC. ALL WORK SHALL BE COORDINATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION. CONTRACTOR SHALL COORDINATE ROUTING OF ALL PIPING WITH EXISTING CONDITIONS AND SHALL PROVIDE ANY NECESSARY OFFSETS, REROUTING, TEES, ELBOWS, ETC. REQUIRED FOR A COMPLETE AND COORDINATED INSTALLATION.
7. THE CONTRACTOR SHALL OBTAIN AND PAY ALL FEES RELATED TO PERMITTING, INSPECTIONS, TAP-ON FEES, ETC.
8. CONTRACTOR SHALL COORDINATE AND PROVIDE ALL NECESSARY PIPING FITTINGS, PIPING, MISCELLANEOUS ITEMS REQUIRED FOR A COMPLETE INSTALLATION OF ALL MECHANICAL RELATED ITEMS.
9. ALL WORK SHALL BE COORDINATED WITH THE EQUIPMENT.
10. ALL MECHANICAL AND PIPING SYSTEMS SHALL BE SUPPORTED AS REQUIRED BY THE STATE AND LOCAL CODE REQUIREMENTS AND PER MANUFACTURERS RECOMMENDATIONS.
11. ALL PIPING PENETRATIONS THROUGH NEW, EXISTING WALL, OR FLOOR SHALL BE SEALED TO EQUAL THE RATINGS OF THE NEW, EXISTING WALL OR FLOOR.
12. THE MECHANICAL SYSTEM(S) SHALL BE TESTED AS REQUIRED BY STATE AND LOCAL CODE OR BY THE REQUIREMENTS OF THE LOCAL INSPECTOR.

MECHANICAL LINETYPE LEGEND

Table with 2 columns: Linetype and Description. Includes Architectural Background, Existing Piping, Piping to be removed, Piping to be provided, Refrigerant (Suction and Liquid), Refrigerant Suction, and Refrigerant Liquid.

MECHANICAL SYMBOLS LEGEND

Table with 2 columns: Symbol and Description. Includes Point of Disconnection, Point of Connection, Pipe Turned Up, Pipe Turned Down, Branch Off Bottom of Pipe, Branch Off Top of Pipe, Generic Valve, Pump, Strainer, Union, Flange, Pressure Gauge, Thermometer, Pipe Break, Thermostat, Pneumatic Thermostat, Sensor, Humidistat, Carbon Dioxide Sensor, Register/Grille, Louver, Diffuser, Supply Air Flow Arrow, Return Air Flow Arrow, Louvered Door, Undercut Door, Duct (Dimensions in Inches, WH), Duct Section - Supply, Duct Section - Return, Duct Section - Exhaust, Volume Damper - Manual Operation, and Turning Vanes.

MECHANICAL ABBREVIATIONS

Table of mechanical abbreviations including terms like PERCENT, AIR CONDITIONING, ALTERNATING CURRENT, LOW PRESSURE STEAM, ACCESS DOOR, AMERICANS WITH DISABILITIES ACT, ABOVE FINISHED FLOOR, ABOVE FINISHED GRADE, ANNUAL FUEL UTILIZATION EFFICIENCY, AUTHORITY HAVING JURISDICTION, AIR HANDLING UNIT, ALTERNATE, AMPERE, AMERICAN NATIONAL STANDARD INSTITUTE, AIR PRESSURE DROP, APPROXIMATE, AVERAGE, BRAKE HORSEPOWER, BUILDING, BOTTOM OF, BASEMENT, BRITISH THERMAL UNIT, CAPACITY, CUBIC FEET PER HOUR, CUBIC FEET PER MINUTE, CHILLED WATER RETURN, CHILLED WATER SUPPLY, CEILING, CLEAR, COMPRESSOR, COLUMN, COMBUSTION, CONCRETE, CONDENSATE (ATE, -ATION, -ER, -ING), CONNECTION, CONTINUOUS, CUBIC FEET, CUBIC INCH, VALVE FLOW COEFFICIENT, DRY BULB, DEGREE, DEW POINT, DIAMETER, DRAWING, EXHAUST AIR, ENTERING AIR TEMPERATURE, ELECTRICAL CONTRACTOR, EXTERNAL DIRECT RADIATION, ELEVATION, EQUAL, EXTERNAL STATIC PRESSURE, ESTIMATED, EXISTING TO REMAIN, EVAPORATOR (E, -ED, -ING, -OR), ENTERING WATER TEMPERATURE, EXISTING, EXTERIOR, FAHRENHEIT, FREE AREA, FINISHED, FLOOR, FULL LOAD AMPERES, FIRE PROTECTION CONTRACTOR, FEET PER MINUTE, FEET PER SECOND, FLOW SWITCH, FOOT, FUTURE, FACE VELOCITY, GRILL, GAUGE, GALLON, GENERAL CONTRACTOR, GALLONS PER DAY, GALLONS PER HOUR, GALLONS PER MINUTE, GRAINS, HEAD, MERCURY, HORIZONTAL, HORIZONTAL (E, -ED, -ING, -OR), HORSEPOWER, HIGH PRESSURE STEAM, HOUR, HEATING VENTILATING AND AIR CONDITIONING, HEATING WATER RETURN, HEATING WATER SUPPLY, HERTZ, FREQUENCY, DIAMETER, INSIDE, INCH, INSULATION, INTERIOR, IRON PIPE SIZE, KILOWATT, KILOWATT-HOUR, LEAVING AIR TEMPERATURE, POUNDS.

MECHANICAL ABBREVIATIONS

Table of mechanical abbreviations including terms like LINEAR FEET, LENGTH, LOCATION, LOW PRESSURE STEAM, LOCKED ROTOR AMPERES, LEAVING WATER TEMPERATURE, MATERIAL, MAXIMUM, BTU PER HOUR (THOUSAND), MECHANICAL CONTRACTOR, MINIMUM CIRCUIT AMPERES, MECHANICAL, MANUFACTURER, MINIMUM, MISCELLANEOUS, MAXIMUM OVERCURRENT PROTECTION, MEDIUM PRESSURE STEAM, MOUNTING, NOT APPLICABLE, NORMALLY CLOSED, NOT IN CONTRACT, NORMALLY OPEN, OUTDOOR AIR, ON CENTER, DIAMETER, OUTSIDE, ON DEMAND WATER HEATER, OPENING, OPPOSITE HAND, OPEN SITE, OFF TOP, ORICE, PLUMBING CONTRACTOR, PHASE (ELECTRICAL), PLUMBING, PARTS PER MILLION, PAIR, PRESSURE, POUNDS PER SQUARE FOOT, POUNDS PER SQUARE INCH, PSI ABSOLUTE, PSI GAUGE, THERMAL RESISTANCE, REFRIGERANT (R, Z, ETC), RETURN AIR, RADIATION, RECEIVER, RECIRCULATION, REFERENCE, RELATIVE HUMIDITY, ROUNDED END AMPERES, ROUGH OPENING, RIGHT OF WAY, REVOLUTIONS PER MINUTE, ROOF TOP UNIT, SUPPLY AIR, CMH STANDARD CONDITIONS, SEASONAL ENERGY EFFICIENCY RATIO, SIMILAR, STATIC PRESSURE, SPECIFICATION, SUPPLY, SQUARE, SQUARE INCH, SQUARE FOOT, SQUARE INCH, STEEL, STANDARD, SUCTION, THERMOSTAT, THROW AWAY, TO BE DETERMINED, TEMPERATURE CONTROL CONTRACTOR, TEMPERATURE DIFFERENCE, TEMPERATURE, TUP OR TAMPER SWITCH, TOTAL STATIC PRESSURE, TYPICAL, HEAT TRANSFER COEFFICIENT, UNLESS OTHERWISE NOTED, VOLT, VACUUM, VARIABLE, VARIABLE AIR VOLUME, VELOCITY, VENTILATION, VENT, VERTICAL, VARIABLE FREQUENCY DRIVE, VERIFY IN FIELD, VOLUME, WATT, WITH, WITHOUT, WET BULB, WET BULB TEMPERATURE, WHITE, WATER PRESSURE DROP, WEIGHT, 12" WELDED WIRE MESH.

PROJECT SYRACUSE HANCOCK INTERNATIONAL AIRPORT Landside Design Study - ConRAC 1000 Col Eileen Collins Blvd Syracuse, New York 13212 Syracuse Regional Airport Authority 1000 Col Eileen Collins Blvd Syracuse, New York 13212 PROJECT MANAGEMENT & PLANNING

Landrum & Brown 110 Wilson St, 2nd Fl, New York, NY 10038 ARCHITECT

Perkins & Will 1250 Broadway, Suite 200, New York, NY 10019 ARCHITECT

Foit-Albert Associates 285 Main Street, Suite 200, Buffalo, New York 14203 STRUCTURAL, ROADWAY DESIGN

TYLIN 32 Old Sts, 10th Fl, New York, NY 10002 ACCOUNTING

Currie & Brown 12 East 49th Street, 11th Fl, New York, NY 10017 LIGHTING DESIGN

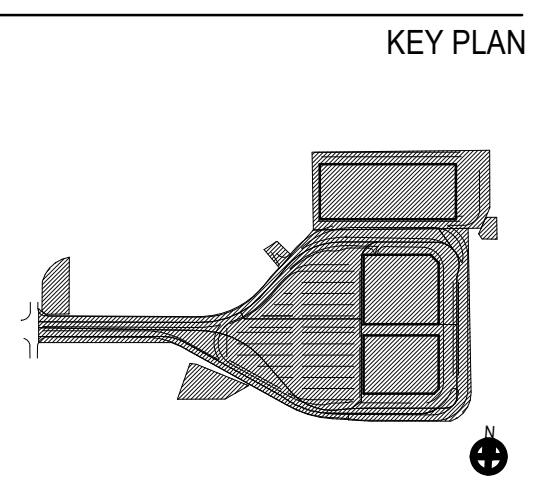
Cline Bettridge Bernstein 116 East 27th Street, 4th Fl, New York, NY 10010 SIGNAGE

Airspace 41 Flatbush Ave, Brooklyn, NY 11217 LANDSCAPE

EDR 217 Montgomery St, Suite 1100, Syracuse, NY 13202 MEFPF

PDG 555 Petrosakis Drive, Perfield, NY 14528

PRELIMINARY NOT - FOR CONSTRUCTION 05/03/23



ISSUE CHART table with columns: Revision Number, Revision Date.

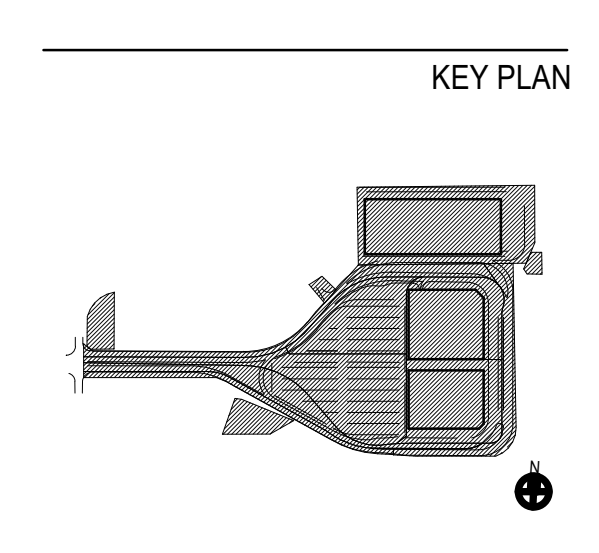
Scale: AS NOTED Date: 05/03/23 Project Manager: Drawn By: BS Checked By: BS Job Number: Project Number: TITLE

MECHANICAL LEGEND, NOTES AND SYMBOLS

DRAWING NUMBER

M00-00

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ISSUE CHART

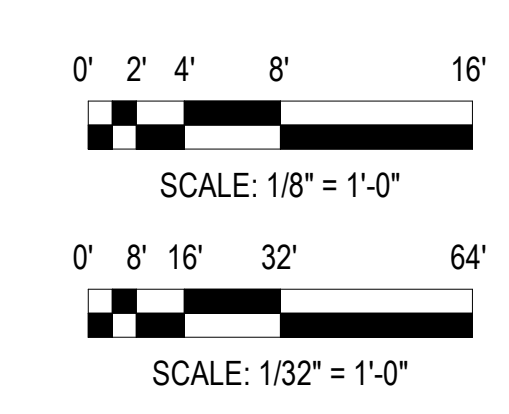
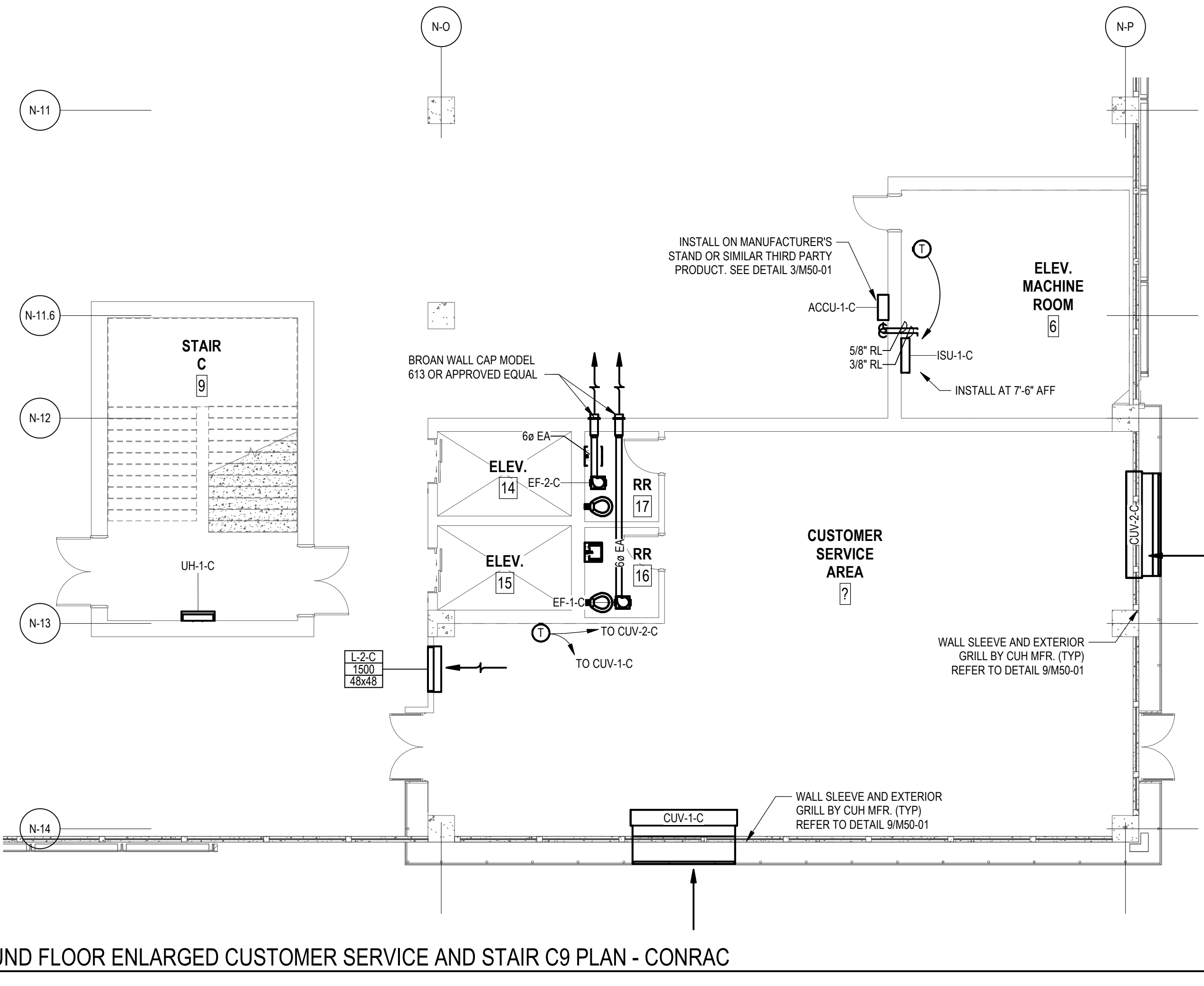
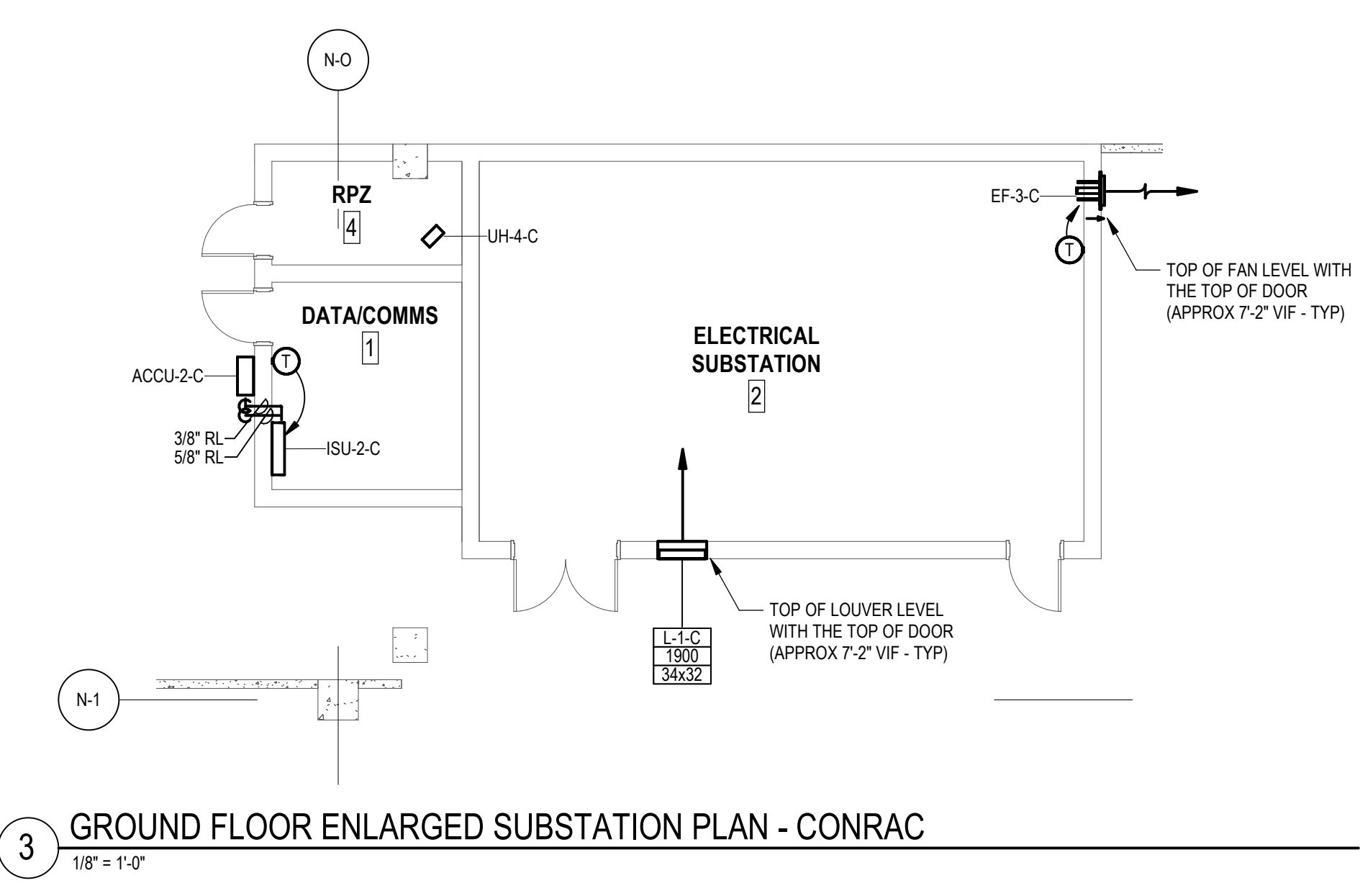
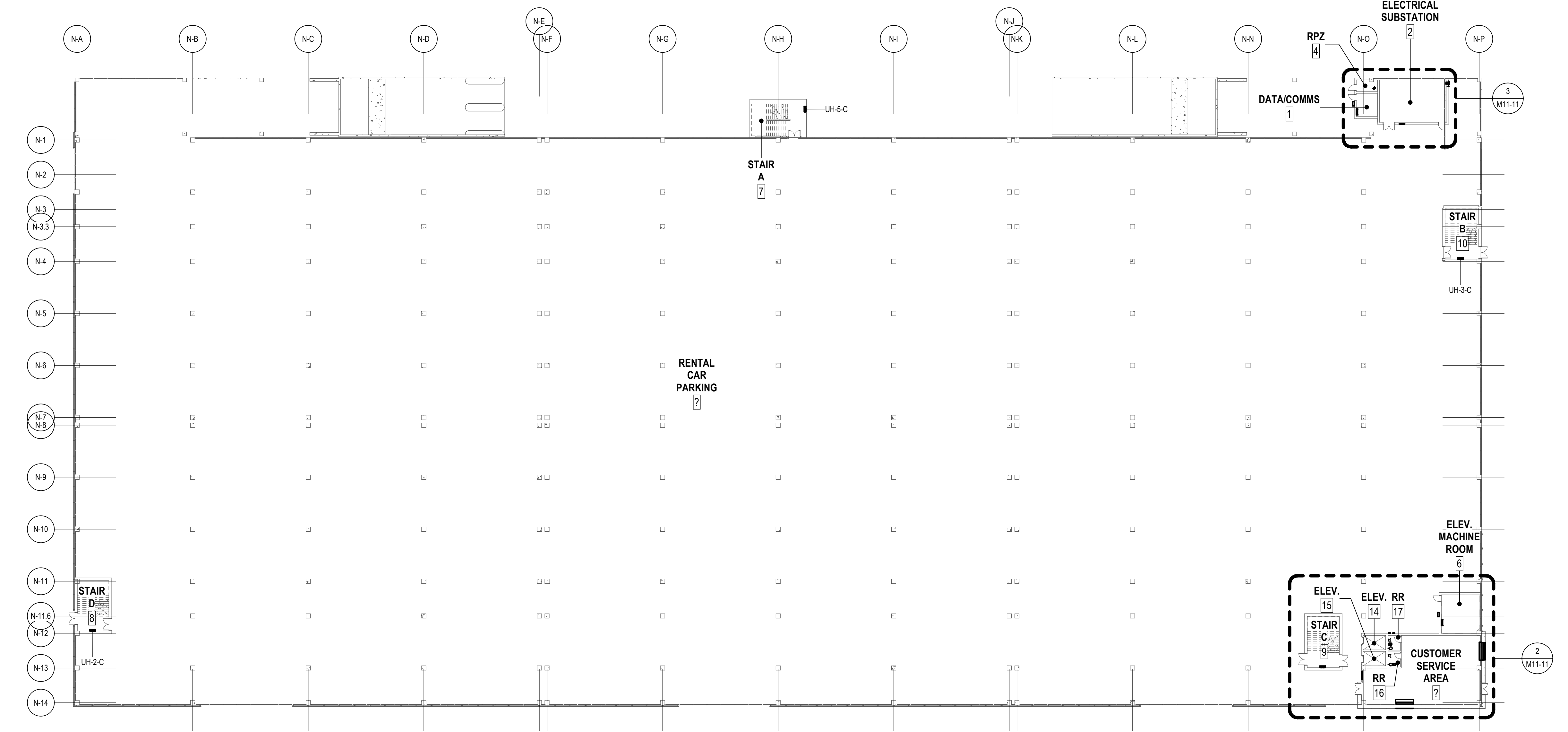
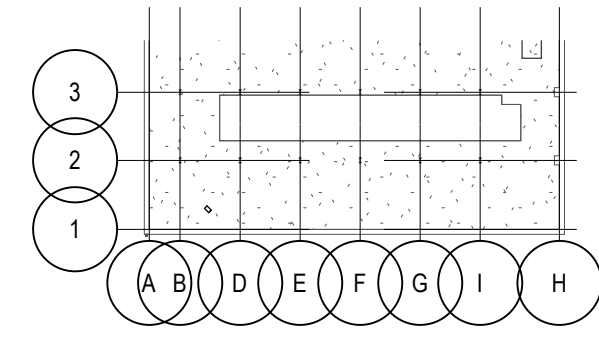
Revision	Revision Date

Scale: AS NOTED

Date: 05/03/23	Project Manager:
Drawn By: BS	Checked By:
Job Number	Checker:
	Project Number:

TITLE
MECHANICAL PLAN VIEW - CONRAC GROUND FLOOR OVERALL PLAN

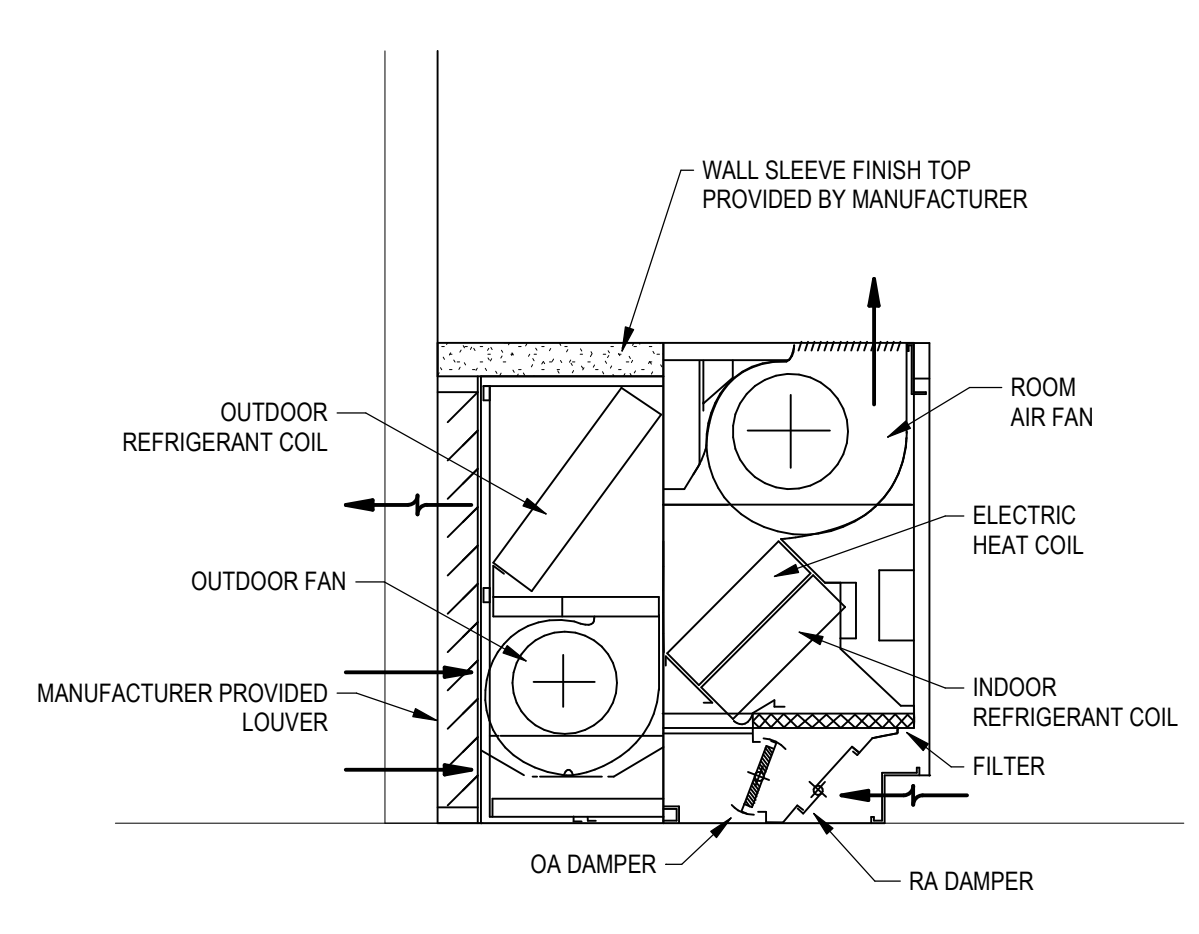
DRAWING NUMBER
M11-11



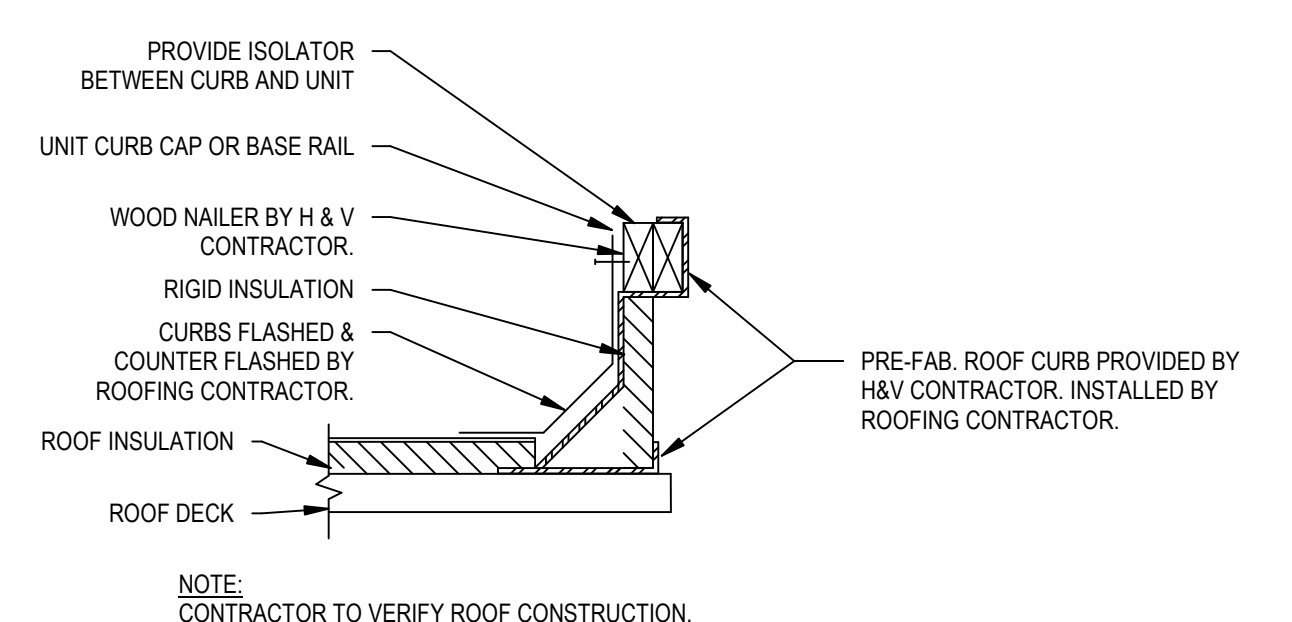
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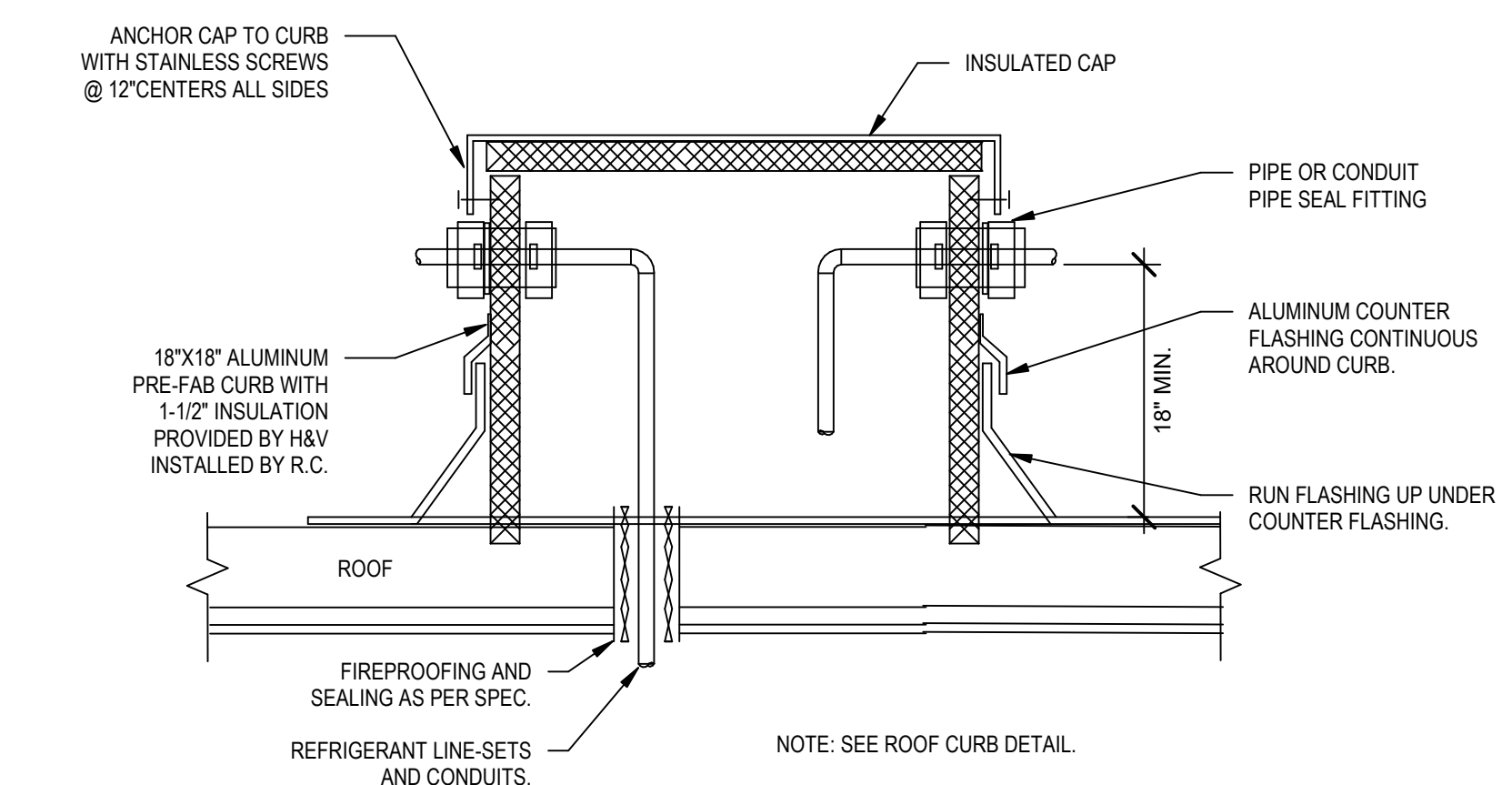
PRELIMINARY NOT - FOR CONSTRUCTION 05/03/23



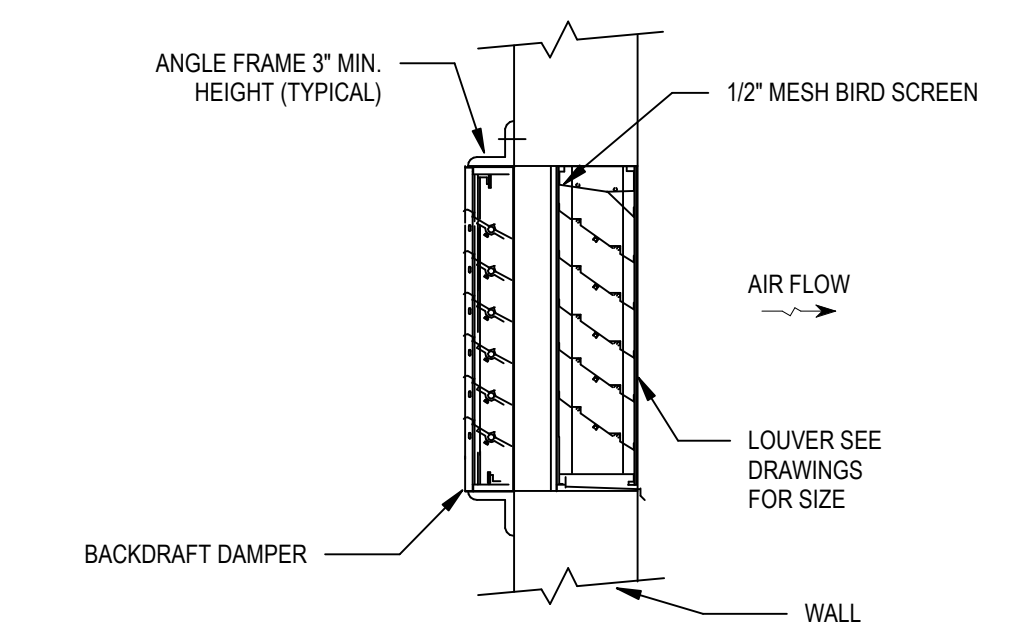
9 SELF CONTAINED UNIT VENTILATOR INSTALLATION DETAIL
1" = 1'-0"



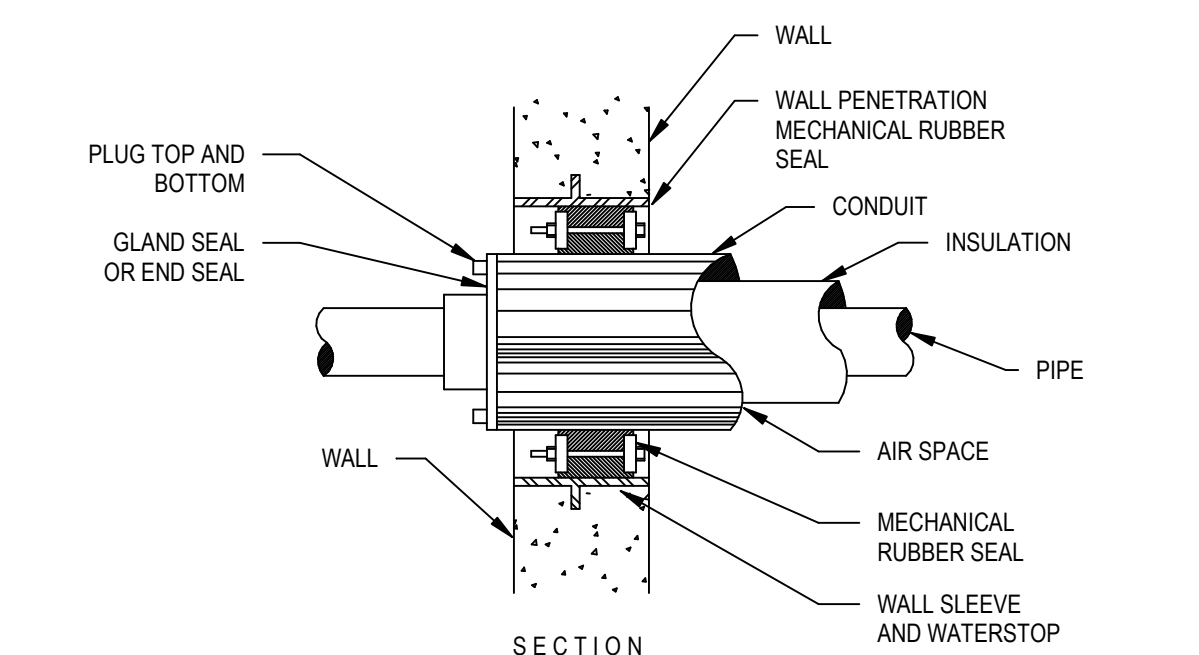
8 TYPICAL ROOF CURB INSTALLATION DETAIL
1" = 1'-0"



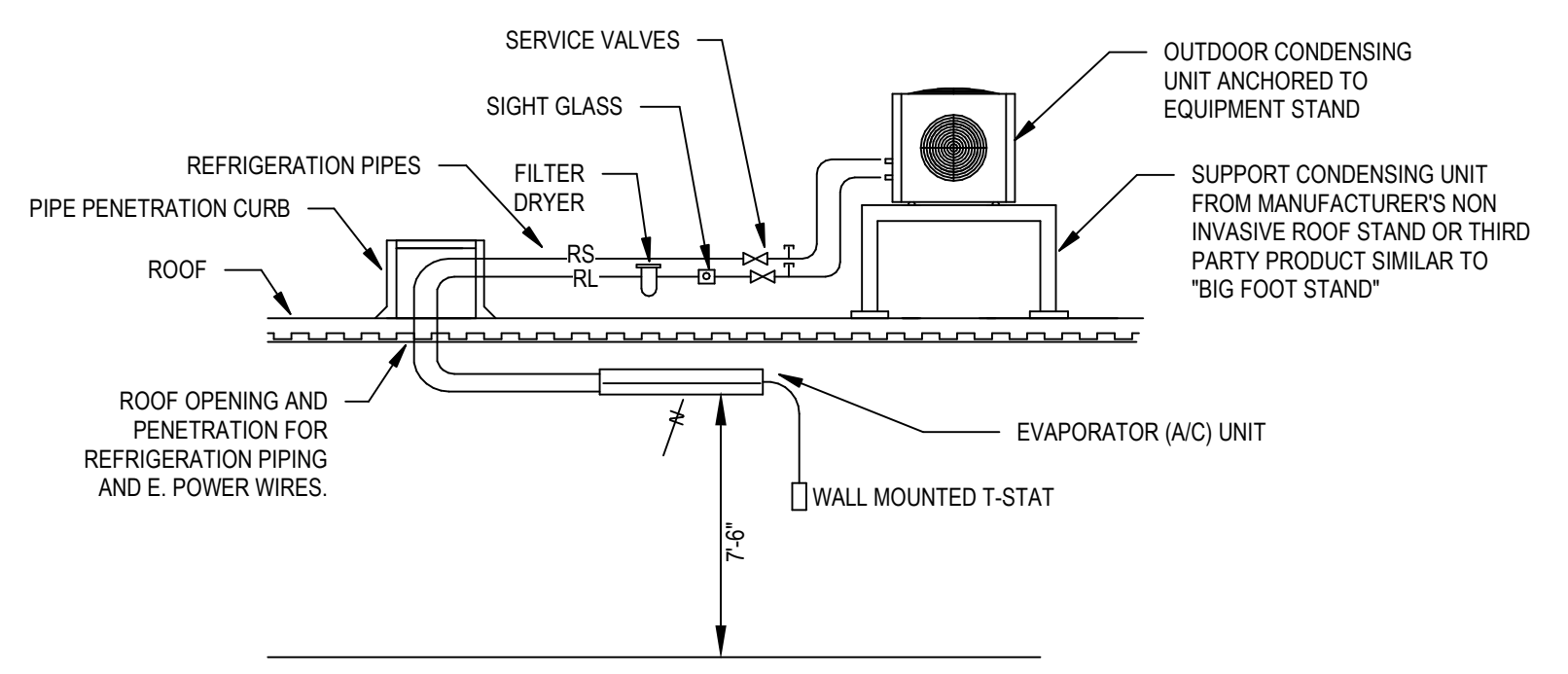
7 ROOF PIPE CURB DETAIL
1" = 1'-0"



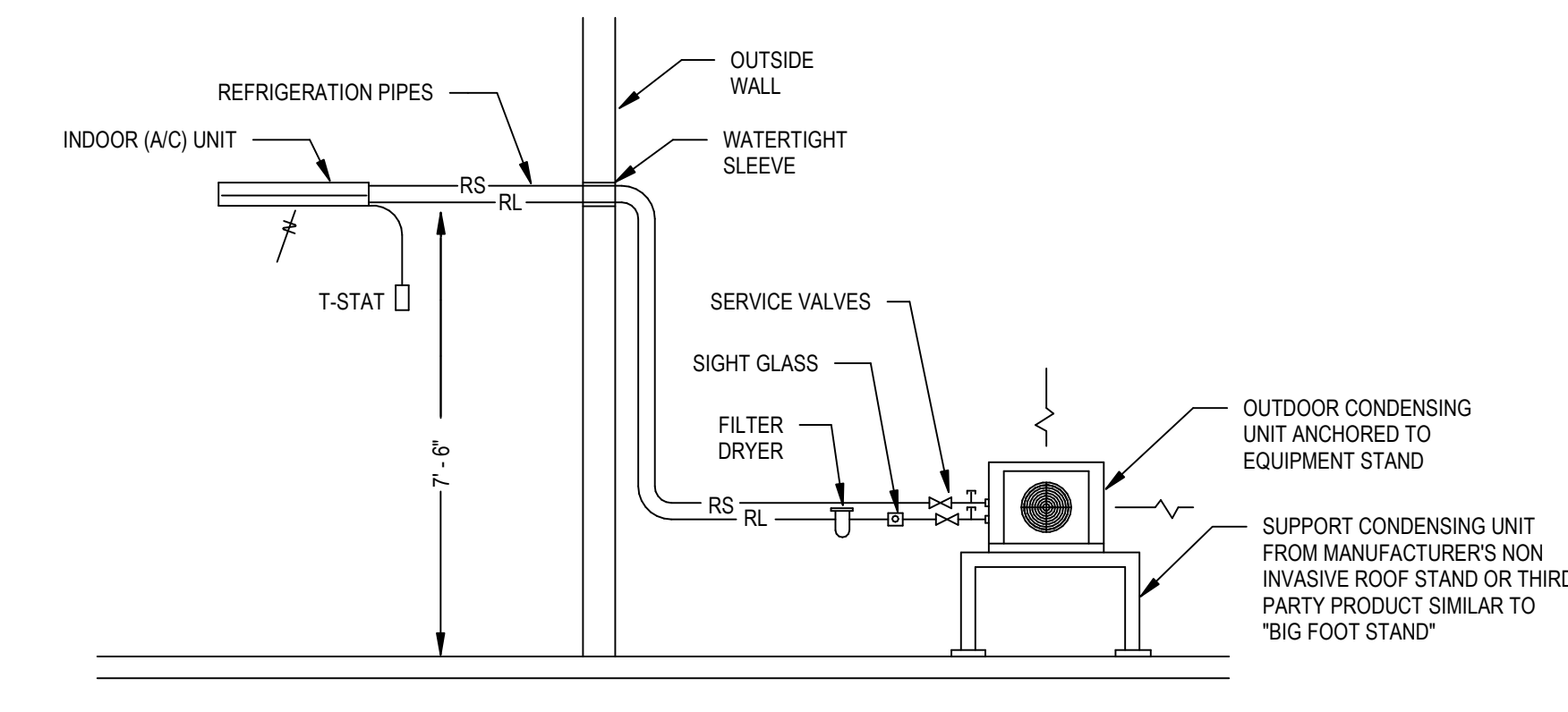
6 LOUVER WITH BACKDRAFT DAMPER DETAIL
1" = 1'-0"



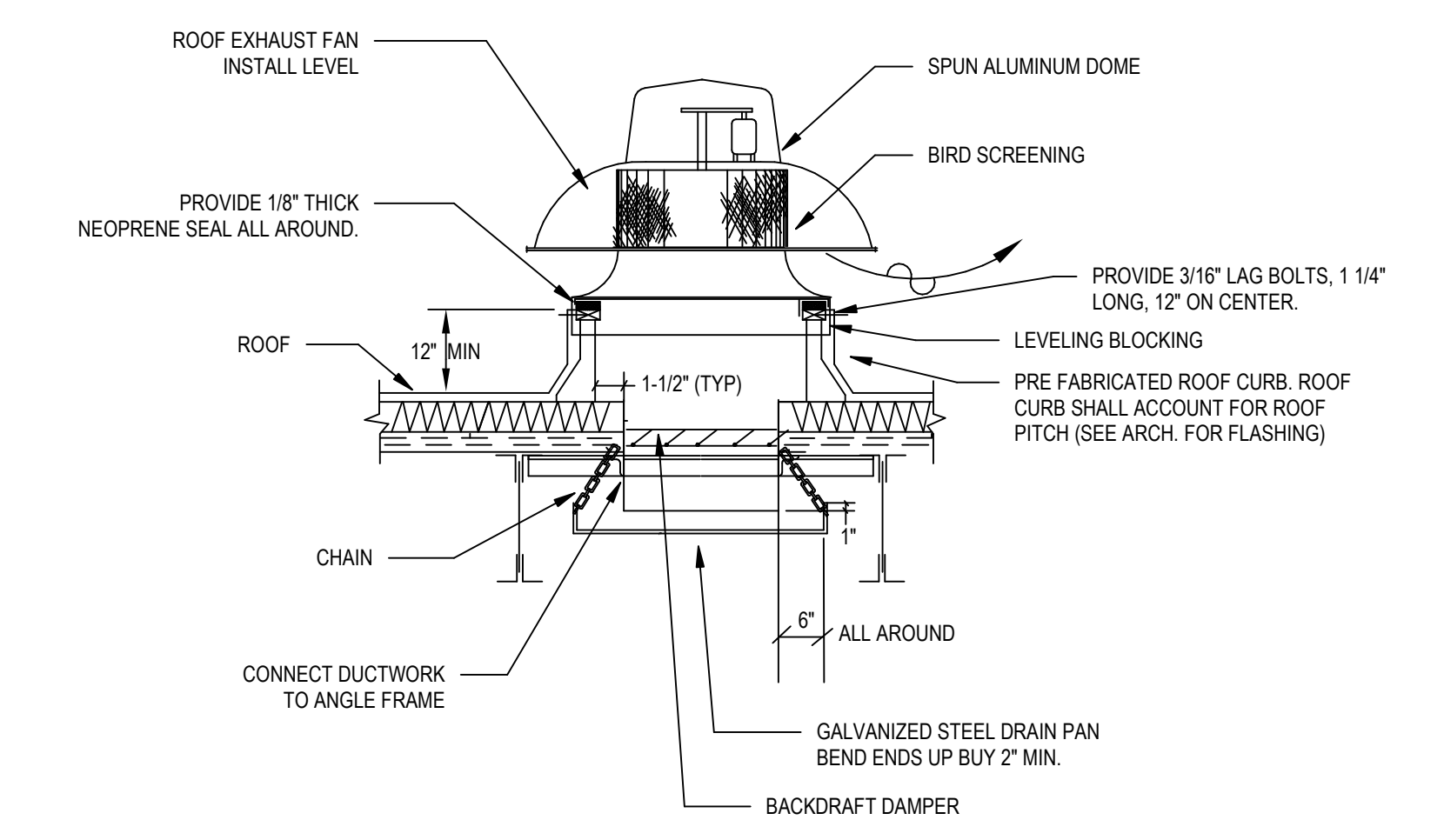
5 BUILDING WALL PENETRATION DETAIL
1" = 1'-0"



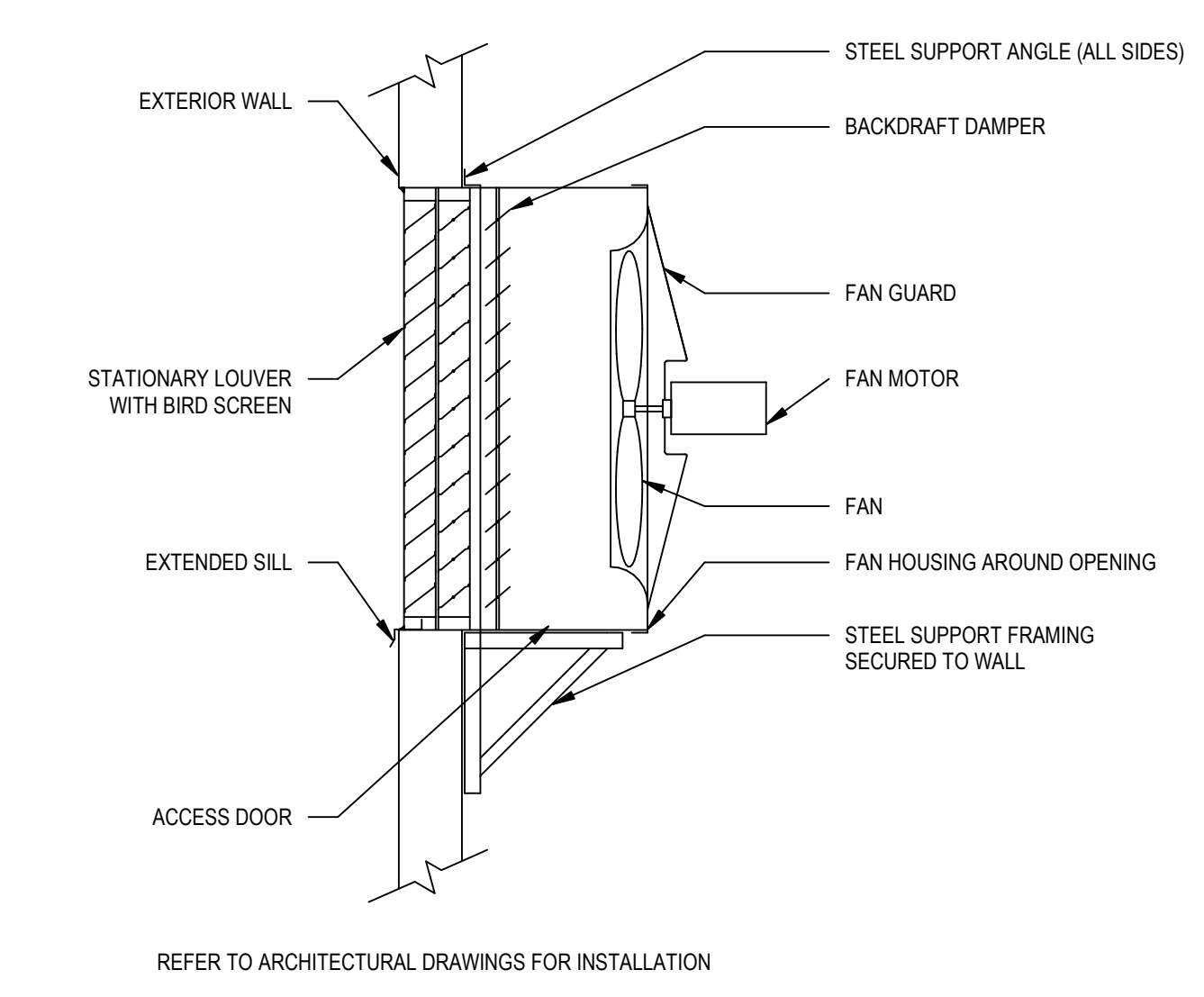
4 AC INSTALLATION DETAIL - ROOF MOUNTED
1" = 1'-0"



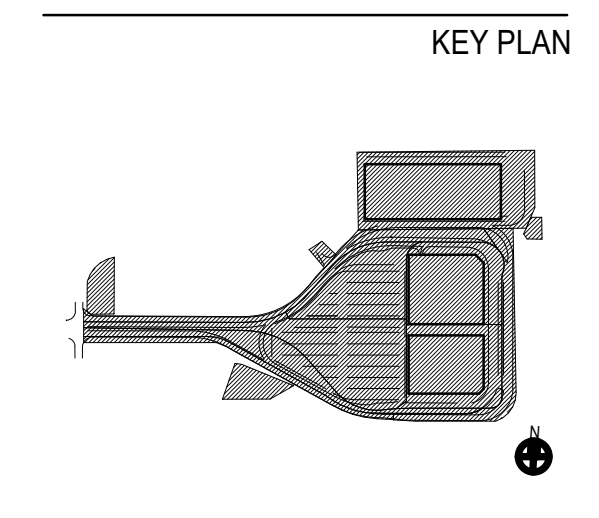
3 AC INSTALLATION DETAIL - FLOOR
1" = 1'-0"



2 ROOF EXHAUST FAN DETAIL
1" = 1'-0"



1 DIRECT DRIVE SIDEWALL FAN DETAIL
1" = 1'-0"



ISSUE CHART

Revised	Revised	Revision Date

Scale: AS NOTED
 Date: 05/03/23
 Drawn By: BS
 Job Number:
 Project Manager:
 Checked By:
 Checker:
 Project Number:
 TITLE

MECHANICAL DETAILS

DRAWING NUMBER

M50-01

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PRELIMINARY NOT - FOR CONSTRUCTION 05/03/23

SPLIT SYSTEM AIR COOLED CONDENSER SCHEDULE - CONRAC

MARK	LOCATION	SERVES	FANS QTY W MBH	REFR. TYPE	MIN. O.A.	SEER/EER	MCA	RCA	V	PH	HZ	ELECTRICAL (LB)	WEIGHT (LB)	MFR.	MODEL	NOTES
ACCU-1-C	ELEV. MACHINE ROOM 6	ISU-1-C	1 41 10.9	R410A	0	1812.5	7.8	7.5	206	1	60	62	DARIN	RK12AXVAV	1	
ACCU-2-C	DATA COMMS 1	ISU-2-C	1 41 10.9	R410A	0	1812.5	7.8	7.5	206	1	60	62	DARIN	RK12AXVAV	1	

NOTES:

1. INCLUDE ALL ACCESSORIES ASSOCIATED WITH WINTERIZATION.

SPLIT SYSTEM INDOOR UNIT SCHEDULE - CONRAC

MARK	SOURCE	LOCATION	CAP MBH	MIN. EER	REFR. TYPE	CFM	WEIGHT (LB)	POWER	MFR.	MODEL	NOTES
ISU-1-C	ACCU-1-C	ELEV. MACHINE ROOM 6	10.9	12.5	R410A	436	22	FROM ACCU	DARIN	FTK12AXVAV	1
ISU-2-C	ACCU-2-C	DATA COMMS 1	10.9	12.5	R410A	436	22	FROM ACCU	DARIN	FTK12AXVAV	1

NOTES:

1. PROVIDE WITH MANUFACTURERS WALL MOUNTED WIRELESS TEMPERATURE CONTROLLER.

EXHAUST FAN SCHEDULE - CONRAC

MARK	QTY	LOCATION	BIRD SCREEN	FAN							THROAT SIZE			ELECTRICAL	MFR.	MODEL	NOTES		
				TYPE	DRIVE	CFM	HP	BHP	RPM	(N-WD)	HEIGHT	WIDTH	WEIGHT					V	PH
EF-1-C	1	RR-16	NO	CEILING	DIRECT	75		287	0.90	0'-6"	0'-8"	29	100	1	60		COOK	GQV-300	2 THRU 6
EF-2-C	1	RR-17	NO	CEILING	DIRECT	75		287	0.90	0'-6"	0'-8"	29	100	1	60		COOK	GQV-300	2 THRU 6
EF-3-C	1	ELECTRICAL SUBSTATION 2	YES	SIDEWALL	BELT	1900	0.25	0.18	824	0.20	2'-2"	2'-2"	58	120	1	60	GREENHECK	SBE-1100	1 THRU 4, 6

NOTES:

1. PROVIDE LINE VOLTAGE THERMOSTAT
 2. FURNISH AND INSTALL MANUAL MOTOR STARTER AND DISCONNECT WITH THERMAL OVERLOAD PROTECTION
 3. COORDINATE WITH ELECTRICAL CONTRACT TO CONNECT TO POWER AND CONTROL WIRING
 4. HVAC CONTRACT SHALL FURNISH AND INSTALL UNIT AND ALL CONTROL EQUIPMENT, INCLUDING SENSORS, LOW VOLTAGE WIRING AND CONDUIT
 5. INTERCONNECT TO SPACE LIGHT SWITCH. EXH. FAN SHALL CONTINUE TO OPERATE FOR AN ADDITIONAL 5 MIN AFTER LIGHT SWITCH HAS BEEN PLACED ON THE OFF POSITION
 6. PROVIDE WITH BACKDRAFT DAMPER.

ELECTRIC UNIT HEATER SCHEDULE - CONRAC

MARK	LOCATION	TYPE	CFM	MBH	KW	V	PH	HZ	(LB)	ELECTRICAL	WEIGHT	MFR.	MODEL	NOTES
UH-1-C	STAR C 9	SURFACE MOUNTED	250	6.14	2	206	3	60	120	QAMARK	CUB35	1.2,3		
UH-2-C	STAR B 9	SURFACE MOUNTED	250	6.14	2	206	3	60	120	QAMARK	CUB35	1.2,3		
UH-3-C	STAR B 10	SURFACE MOUNTED	250	6.14	2	206	3	60	120	QAMARK	CUB35	1.2,3		
UH-4-C	RP24	HUNG	250	10.2	3	206	1	60	27	QAMARK	MUH33-B1	1.2,3		
UH-5-C		SURFACE MOUNTED	250	6.14	2	206	3	60	120	QAMARK	CUB35	1.2,3		

NOTES:

1. UNIT SHALL HAVE BUILT-IN THERMOSTAT
 2. PROVIDE FACTORY APPLIED BAKED ENAMEL FINISH FOR GRILLE. COLOR SHALL BE WHITE
 3. UNIT SHALL BE UL LISTED.

CABINET UNIT VENTILATOR SCHEDULE - CONRAC

MARK	Location	TYPE	MIN/MAX OUTSIDE AIR	COOLING CAPACITY CFM MAX	SENSIBLE CAPACITY (MBH)	EAT CAPACITY (MBH)	HEAT OUTPUT (DBWB)	ELECTRICAL REQUIREMENTS (V/PHZP)	POWER SUPPLY (MCA)	MAX FUSE	MFR.	MODEL	NOTES & REQUIRED ACCESSORIES	
CUV-1-C	CUSTOMER SERVICE AREA	SELF CONTAINED WALL MOUNT	460/1500	1500	52	33.8	85/71	81.9	280/603	115.5	125	DARIN	JEC0054	ALL
CUV-2-C	CUSTOMER SERVICE AREA	SELF CONTAINED WALL MOUNT	460/1500	1500	52	33.8	85/71	81.9	280/603	115.5	125	DARIN	JEC0054	ALL

NOTES:

1. PROVIDE WITH MANUFACTURERS WALL MOUNTED UNIT CONTROL, CAPABLE OF ECONOMIZER AND SPACE TEMPERATURE CONTROL.
 2. PROVIDE FACTORY APPLIED BAKED ENAMEL FINISH FOR GRILLE. COLOR SHALL BE WHITE.
 3. UNIT SHALL BE UL LISTED.
 4. PROVIDE WALL SLEEVE, VENTILATION CONTROL DAMPER CAPABLE OF ECONOMIZER MODE AND EXTERIOR LOUVER.

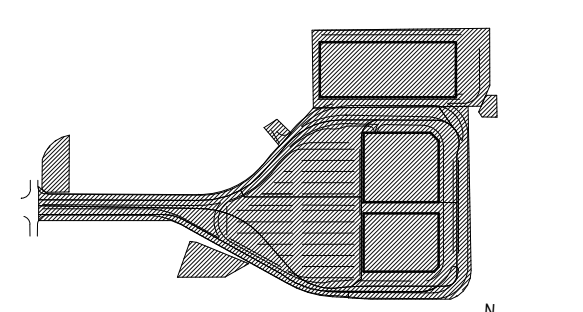
LOUVER SCHEDULE - CONRAC

MARK	LOCATION	SERVICE	SIZE	DEPTH	CFM	ASSOCIATED EQ	FA (SQFT)	TYPE	MANUFACTURER	MODEL	NOTES
L1-C	ELECTRICAL SUBSTATION 2	OA	34X32	6"	150	EF-3-C	4	RAIN DRIVER	GREENHECK	ESD-635	1 THRU 4

NOTES:

1. PROVIDE 1/2" ALUMINUM BRD SCREEN.
 2. UNIT SHALL BE OF CHANNEL FRAME CONSTRUCTION. COORDINATE MOUNTING WITH WALL TYPE.
 3. UNIT SHALL BE AMCA CERTIFIED.
 4. FURNISH AND INSTALL BACKDRAFT DAMPER.

KEY PLAN



ISSUE CHART

Revised	Revised	Revision Date

Scale: AS NOTED

Date: 05/03/23	Project Manager:
Drawn By: BS	Checked By:
Job Number:	Checker
	Project Number:

TITLE

MECHANICAL SCHEDULES - CONRAC

DRAWING NUMBER

M60-10

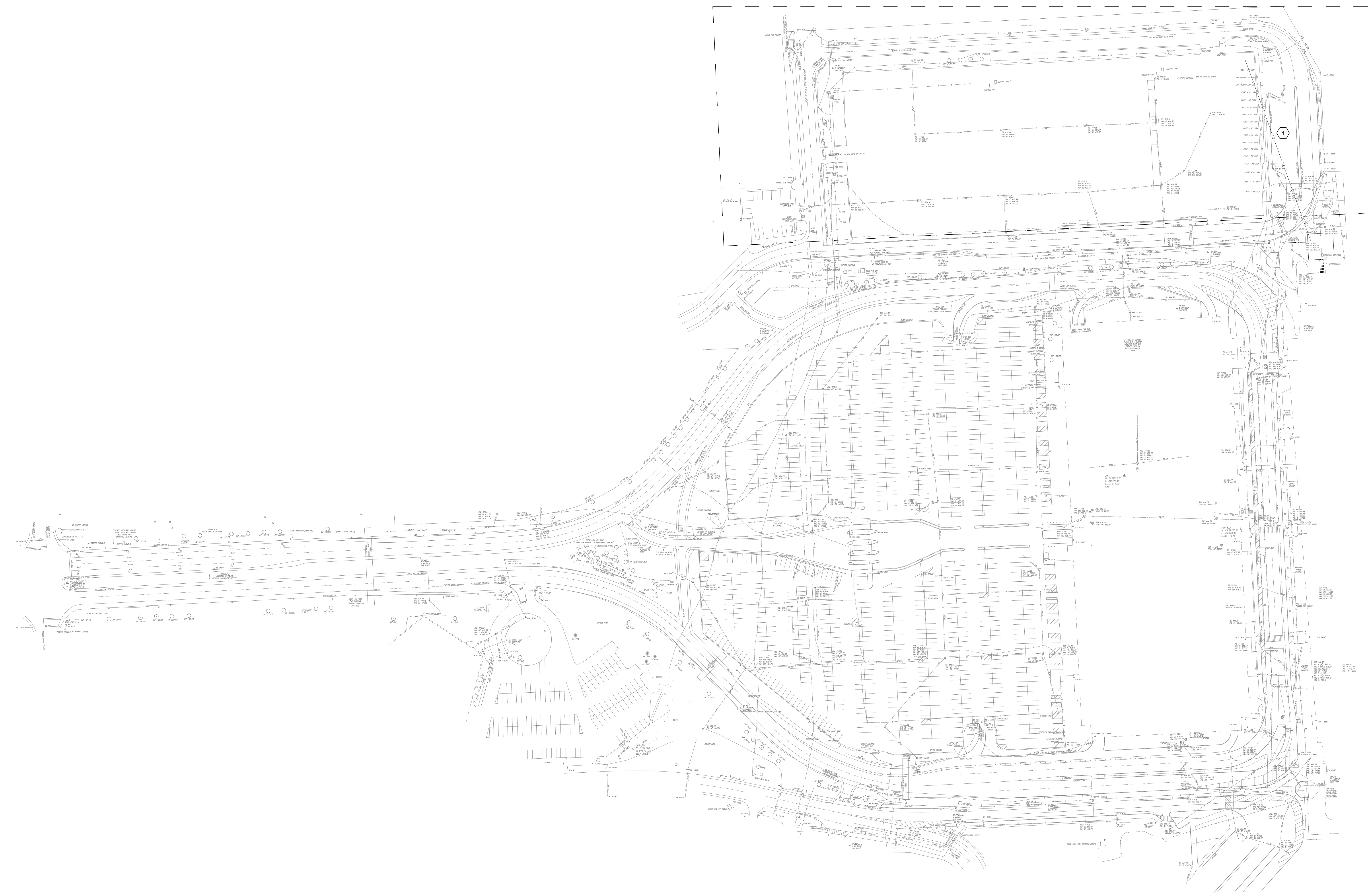
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GENERAL NOTES:

1. BOLD LINE WEIGHTS INDICATE NEW EQUIPMENT. THIN LINE WEIGHTS INDICATE EXISTING.

KEYED NOTES: (A)

1. CONDUIT BANK TO BE PROVIDED IN PHASE 1 CONSISTING OF (2) 4" CONDUITS AND (4) 2" CONDUITS. SEE SHEET E01-02 FOR MORE INFORMATION.
2. CONDUIT BANK TO BE PROVIDED IN PHASE 2 CONSISTING OF (4) 4" CONDUITS AND (4) 2" CONDUITS. SEE SHEET E01-03 FOR MORE INFORMATION.



1 ELECTRICAL SITE PLAN OVERALL
 E01-00 SCALE: 1" = 80' - 0"

SCALE: 1" = 80' - 0"

PROJECT

Landside Design Study - ConRAC
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212

Syracuse Regional Airport Authority
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212

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 110 William St, 29th Fl.
 New York, NY 10038

ARCHITECT

Perkins & Will
 1200 Broadway, Suite 200
 New York, NY 10001

Foit-Albert Associates
 205 Main Street, Suite 200
 Buffalo, New York 14203

STRUCTURAL ROADWAY DESIGN

TYLin
 32 Old Stg., 10th Fl.
 New York, NY 10005

ACCOUNTING

Currie & Brown
 12 East 48th Street, 10th Fl.
 New York, NY 10017

LIGHTING DESIGN

Cline Bettridge Bernstein
 116 East 27th Street, 4th Fl.
 New York, NY 10016

SIGNAGE

Airspace
 47 Franklin Ave.
 Brooklyn, NY 11217

LANDSCAPE

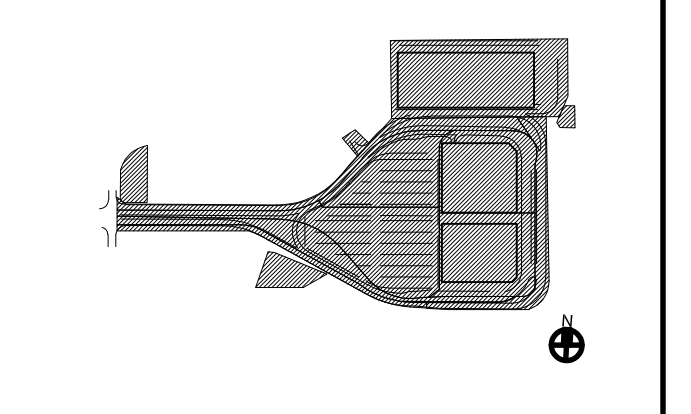
EDR
 217 Montgomery St., Suite 1100
 Syracuse, NY 13202

MEPFP

PDG
 555 Penbrooke Drive
 Portliff, NY 14228

PRELIMINARY NOT - FOR CONSTRUCTION 28 July, 2023

KEYPLAN



ISSUE CHART

Revision Number	Revision Date

Scale: AS NOTED

Date: 07/28/23	Project Manager: SSE
Drawn By: DAC	Checked By: SSE
Job Number: 22196.00	TITLE

ELECTRICAL SITE PLAN - OVERALL

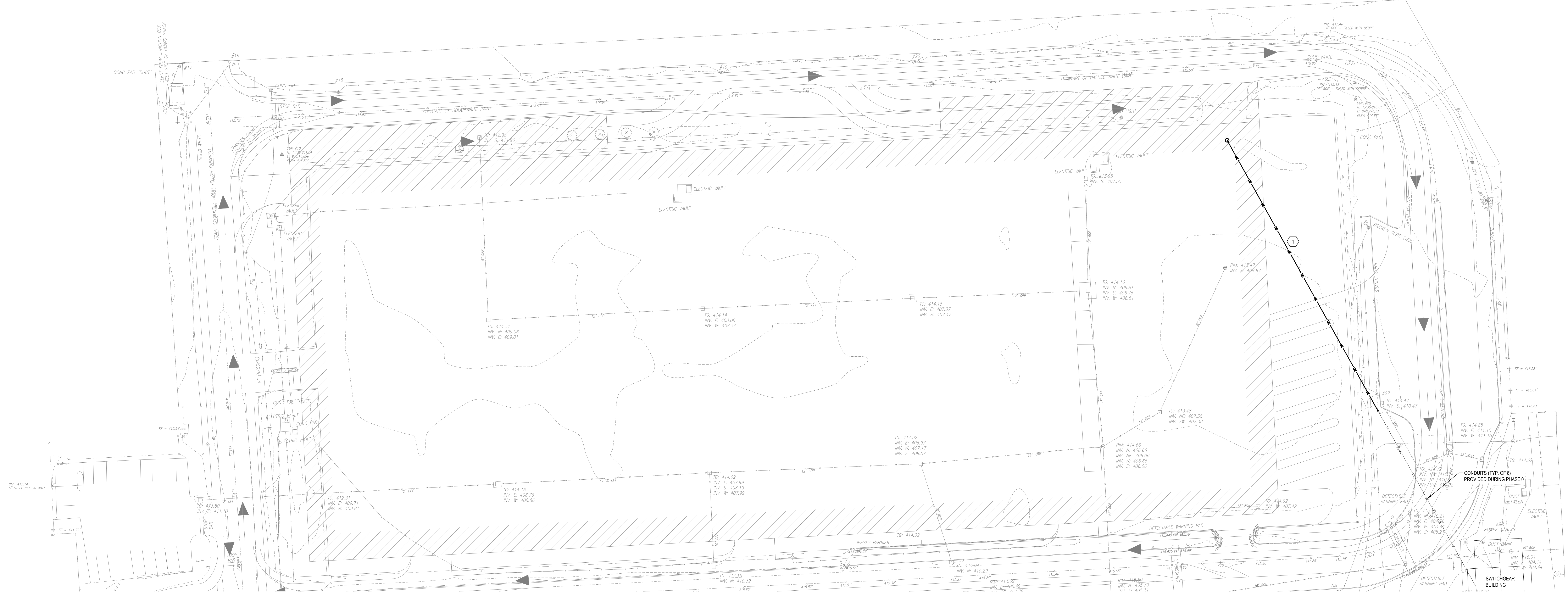
SHEET NUMBER
E01-00

GENERAL NOTES:

- 1. BOLD LINE WEIGHTS INDICATE NEW EQUIPMENT. THIN LINE WEIGHTS INDICATE EXISTING.
- 2. CONDUIT BELOW GRADE TO BE NON-METALLIC AND CONCRETE ENCASED.

KEYED NOTES:

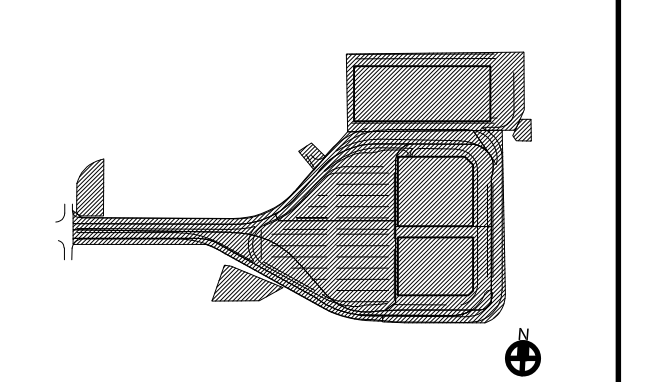
- 1. PROVIDE (2) 4" CONDUITS & WIRING FROM POINT INDICATED TO SUBSTATION ROOM INSIDE CONRAC FOR POWER CONNECTION TO SUBSTATION. TERMINATE WIRING FROM SWITCHGEAR INSIDE SWITCHGEAR BUILDING TO SUBSTATION. SEE SHEETS E60-2 & E60-10 FOR MORE INFORMATION. PROVIDE (2) CONDUITS & WIRING FROM POINT INDICATED TO DATA ROOM INSIDE CONRAC FOR DATA CONNECTION TO IDF-C. TERMINATE CABLING FROM IDF INSIDE SWITCHGEAR BUILDING TO IDF-C. SEE SHEETS E62-0 & E62-01 FOR MORE INFORMATION. PROVIDE (2) 2" CONDUITS & WIRING FROM POINT INDICATED TO SUBSTATION ROOM INSIDE CONRAC FOR FIRE ALARM CONNECTION TO FARUC. TERMINATE CABLING FROM FARUC INSIDE SWITCHGEAR BUILDING TO FARUC. SEE SHEETS E63-0 & E63-01 FOR MORE INFORMATION.



1 ELECTRICAL SITE PLAN - PHASE 1
SCALE: 1" = 30' - 0"
SCALE: 1" = 30' - 0"

PRELIMINARY NOT - FOR CONSTRUCTION 28 July, 2023

KEYPLAN



ISSUE CHART

Revision Number	Revision Date

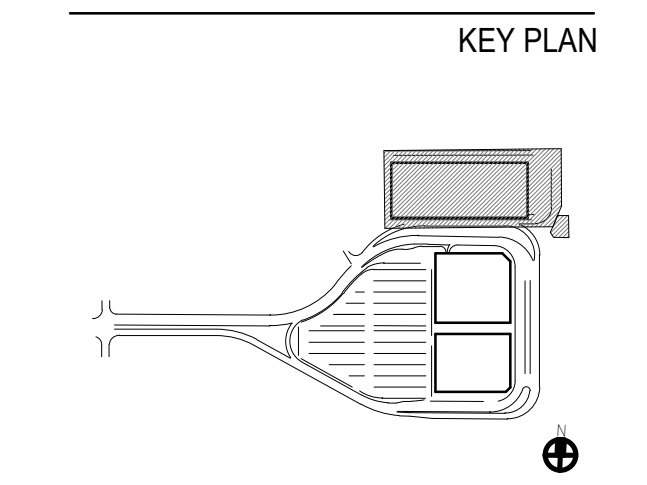
Date:	07/28/23	Project Manager:	SSE
Drawn By:	DAC	Checked By:	SSE
Job Number:	22196.00		

ELECTRICAL SITE PLAN-PHASE 1

SHEET NUMBER
E01-02

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PRELIMINARY NOT - FOR CONSTRUCTION 07/28/23



ISSUE CHART

Revision Number	Revision Date

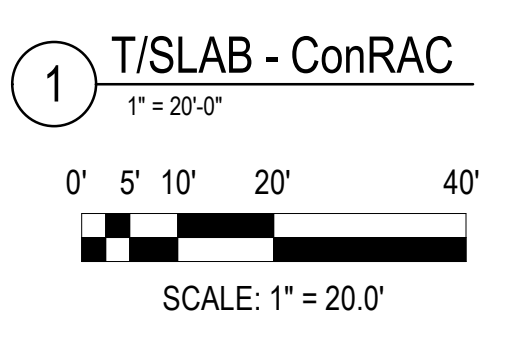
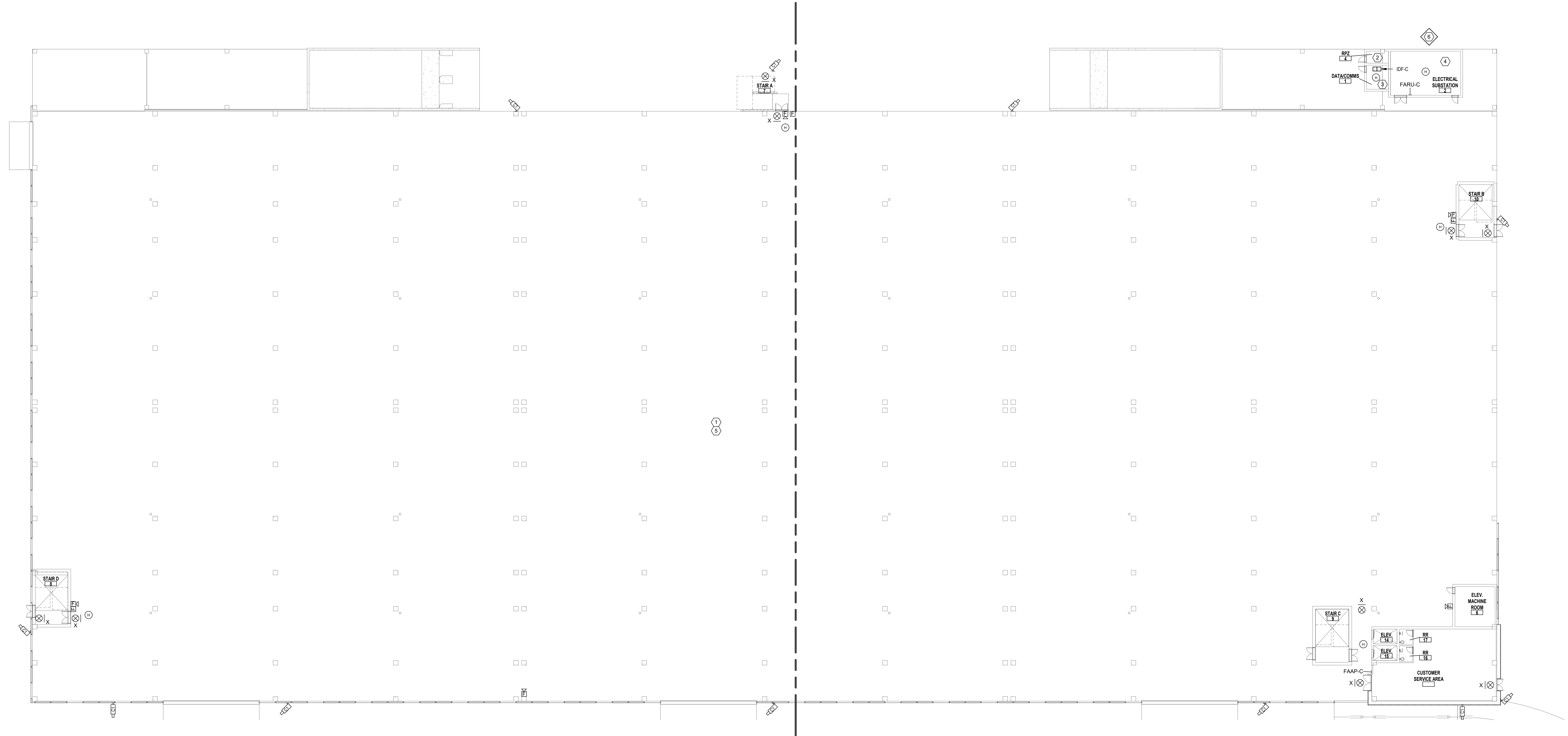
Scale: AS NOTED

Date: 07/28/23	Project Manager:
Drawn By: DAM	Checked By: SSE
Job Number: 22198.00	

TITLE
**ELECTRICAL PLAN VIEW -
 CONRAC LEVEL 1**

DRAWING NUMBER
E11-11

- GENERAL NOTES:**
- BOLD LINES INDICATE NEW EQUIPMENT.
- KEYED NOTES:** ④
- PROVIDE WEATHER PROOF GFCI DUPLEX RECEPTACLES WITH WHALE IN USE COVERS EVERY 100' NORTH TO SOUTH AND EAST TO WEST ON PLAN WITHIN THE FIRST FLOOR OF THE CONRAC GARAGE.
 - PROVIDE (1) TYPE S LUMINAIRE IN RPZ ROOM MOUNTED ON WALL AND ASSOCIATED LIGHTING CONTROL SWITCH & CONDUIT AND WIRING. SEE SHEET E60-10 FOR LUMINAIRE SCHEDULE AND LIGHTING POWER STATISTICS TABLE.
 - PROVIDE (1) TYPE S LUMINAIRE IN DATA ROOM MOUNTED ON WALL AND ASSOCIATED LIGHTING CONTROL SWITCH & CONDUIT AND WIRING. SEE SHEET E60-10 FOR LUMINAIRE SCHEDULE AND LIGHTING POWER STATISTICS TABLE.
 - PROVIDE (6) TYPE S LUMINAIRES IN SUBSTATION ROOM MOUNTED ON WALLS AND ASSOCIATED LIGHTING CONTROL SWITCH & CONDUIT AND WIRING. SEE SHEET E60-10 FOR LUMINAIRE SCHEDULE AND LIGHTING POWER STATISTICS TABLE.
 - PROVIDE (12) TYPE A LUMINAIRES SPACED 27' ON CENTER FROM NORTH TO SOUTH AND FROM EAST TO WEST ON PLAN THROUGHOUT THE ENTIRETY OF THE FIRST FLOOR OF THE CONRAC GARAGE. SEE SHEET E60-10 FOR LUMINAIRE SCHEDULE.
 - PROVIDE GROUND GRID. PROVIDE NEW CONDUIT FOR CONNECTION FROM GROUND GRID TO NEW SUBSTATION LOCATED IN SUBSTATION ROOM. ROUTE CONDUIT UNDERGROUND AND PENETRATE FLOOR AT LOCATION INDICATED. SEE SHEET E60-00 DETAIL 2, SHEET E60-10, & SHEET E61-00 FOR MORE INFORMATION.



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PROJECT

SYRACUSE HANCOCK INTERNATIONAL AIRPORT
Landside Design Study - ConRAC
1000 Col Eileen Collins Blvd
Syracuse, New York 13212
Syracuse Regional Airport Authority
1000 Col Eileen Collins Blvd
Syracuse, New York 13212

PROJECT MANAGEMENT & PLANNING
Landrum & Brown
110 William St., 20th Fl.
New York, NY 10038

ARCHITECT
Perkins & Will
1290 Broadway, Suite 200
New York, NY 10007

STRUCTURAL, ROADWAY DESIGN
Foit-Albert Associates
295 Main Street, Suite 200
Buffalo, New York 14203

ACCOUNTING
TYLin
32 Old Slip, 10th Fl.
New York, NY 10005

LIGHTING DESIGN
Currie & Brown
12 East 49th Street, 11th Fl.
New York, NY 10017

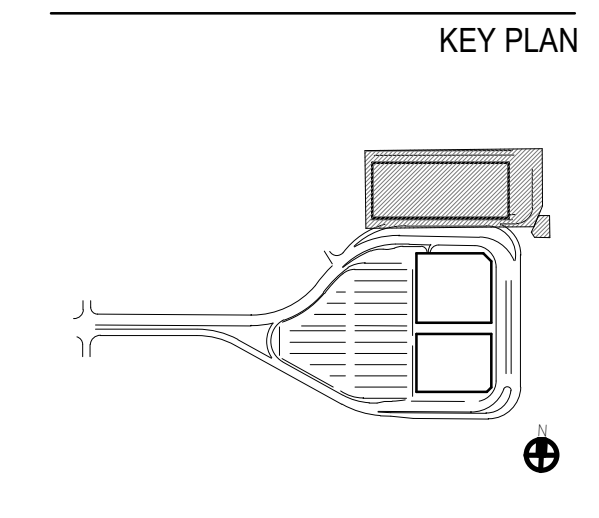
SIGNAGE
Cline Bettridge Bernstein
116 East 27th Street, 4th Fl.
New York, NY 10010

LANDSCAPE
Airspace
41 Flatbush Ave.
Brooklyn, NY 11217

MEFPF
EDR
217 Montgomery St., Suite 1100
Syracuse, NY 13202

PDG
555 Penbrooke Drive
Perfield, NY 14526

PRELIMINARY NOT - FOR CONSTRUCTION 07/28/23



ISSUE CHART

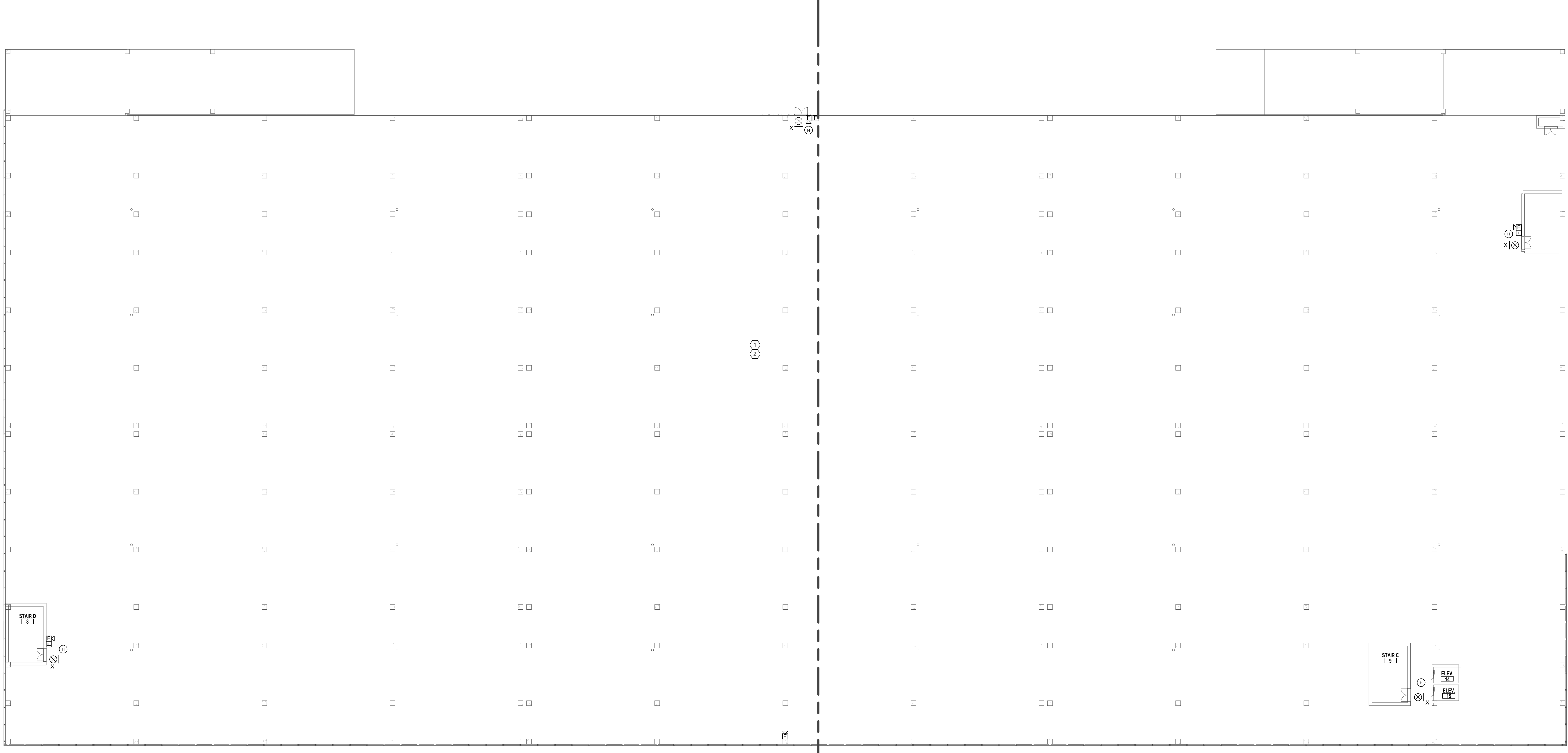
Revision Number	Revision Date

Scale: AS NOTED
Date: 07/28/23
Drawn By: DAM
Job Number: 22198.00

Project Manager:
Checked By: SSE
TITLE

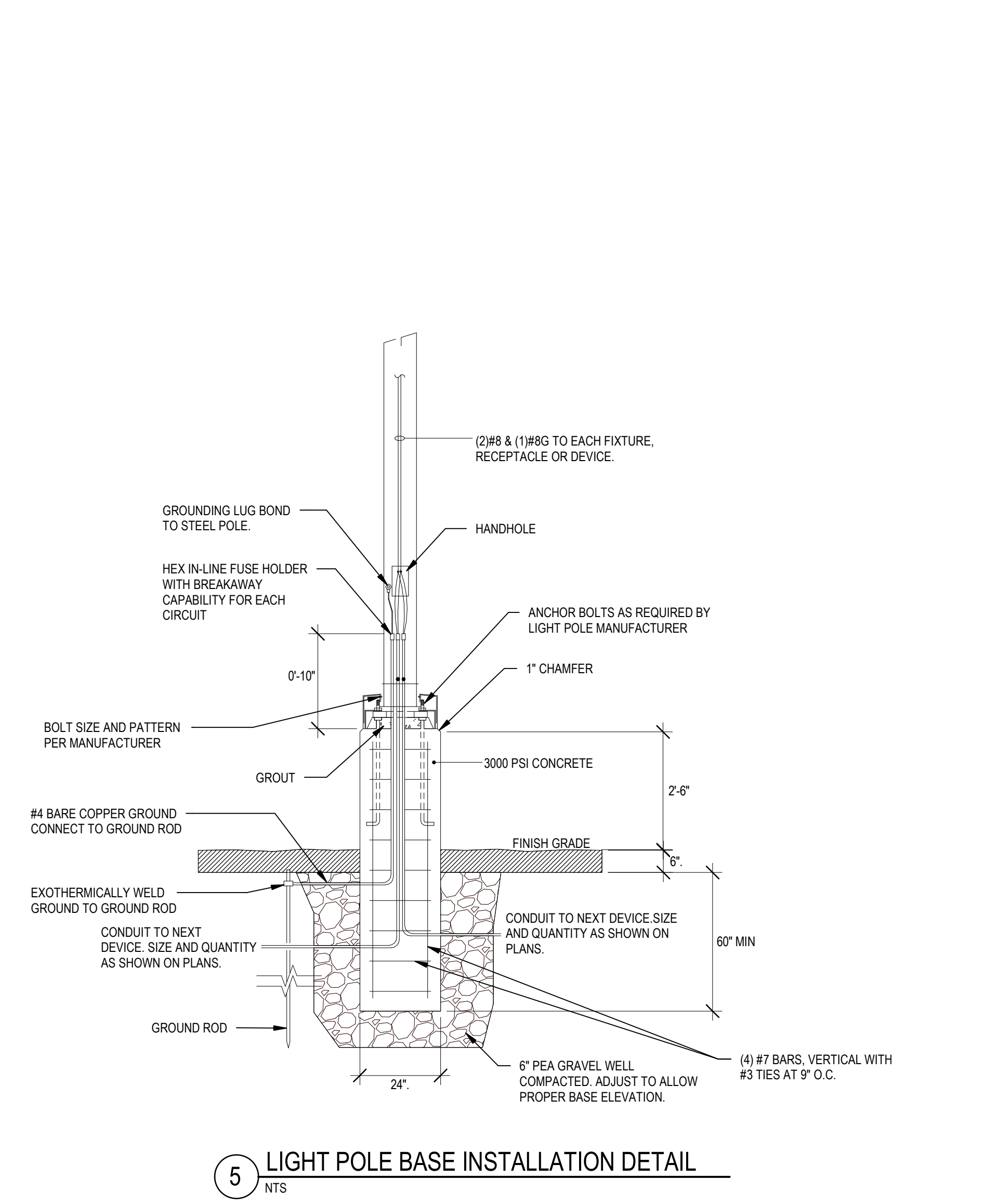
DRAWING NUMBER
E11-12

- GENERAL NOTES:**
1. BOLD LINES INDICATE NEW EQUIPMENT.
- KEYED NOTES:** ④
1. PROVIDE WEATHER PROOF GFCI DUPLEX RECEPTACLES WITH WALLE Mousse COVERS EVERY 100' NORTH TO SOUTH AND FROM EAST TO WEST ON PLAN WITHIN THE SECOND FLOOR OF THE CONRAC GARAGE.
 2. PROVIDE (312) TYPE A LUMINAIRES SPACED 27' ON CENTER FROM NORTH TO SOUTH AND FROM EAST TO WEST ON PLAN THROUGHOUT THE ENTIRETY OF THE SECOND FLOOR OF THE CONRAC GARAGE. SEE SHEET E60-10 FOR LUMINAIRE SCHEDULE.

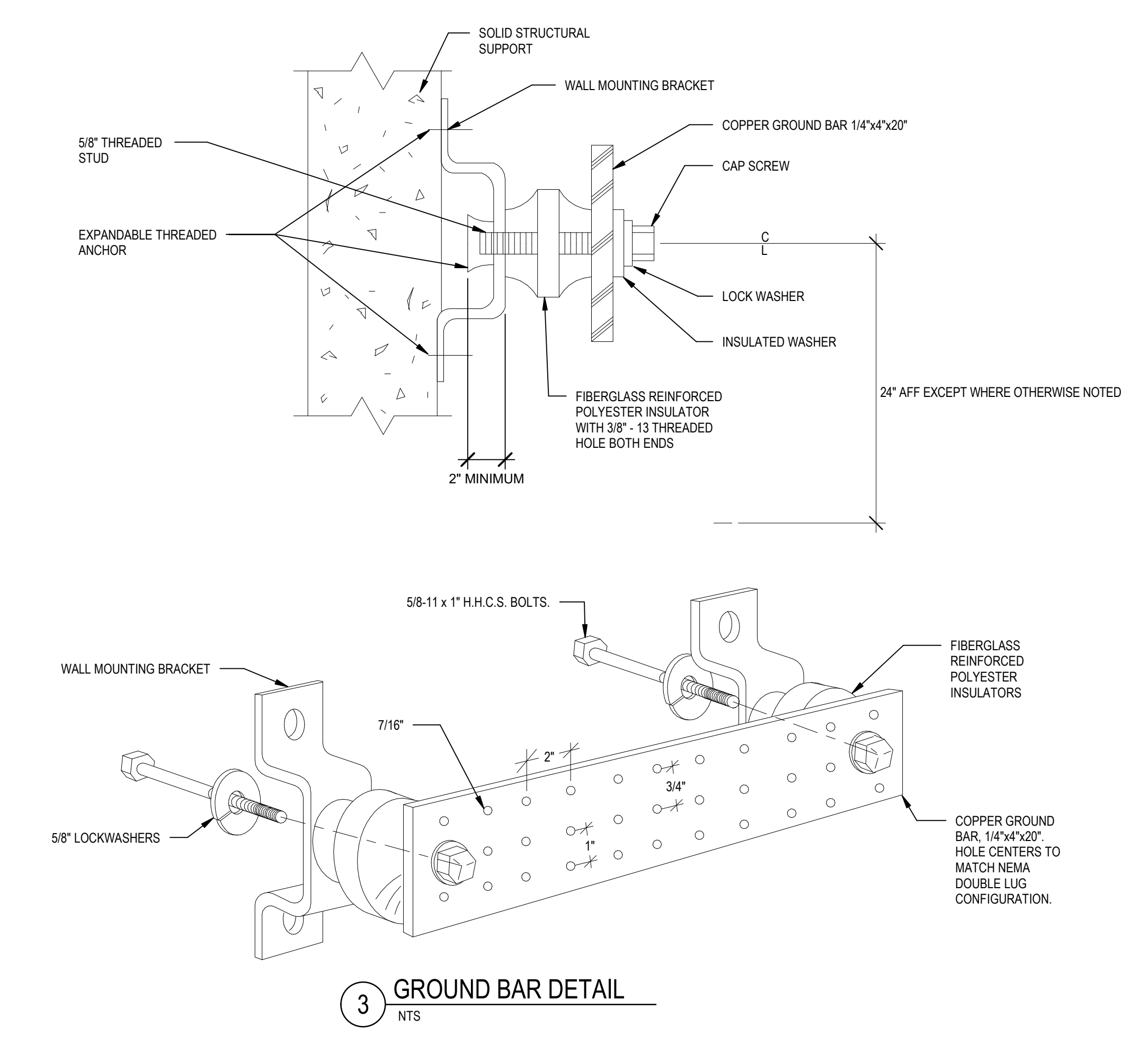


① Level 2 - ConRAC
1" = 20'-0"
0' 5' 10' 20' 40'
SCALE: 1" = 20' 0"

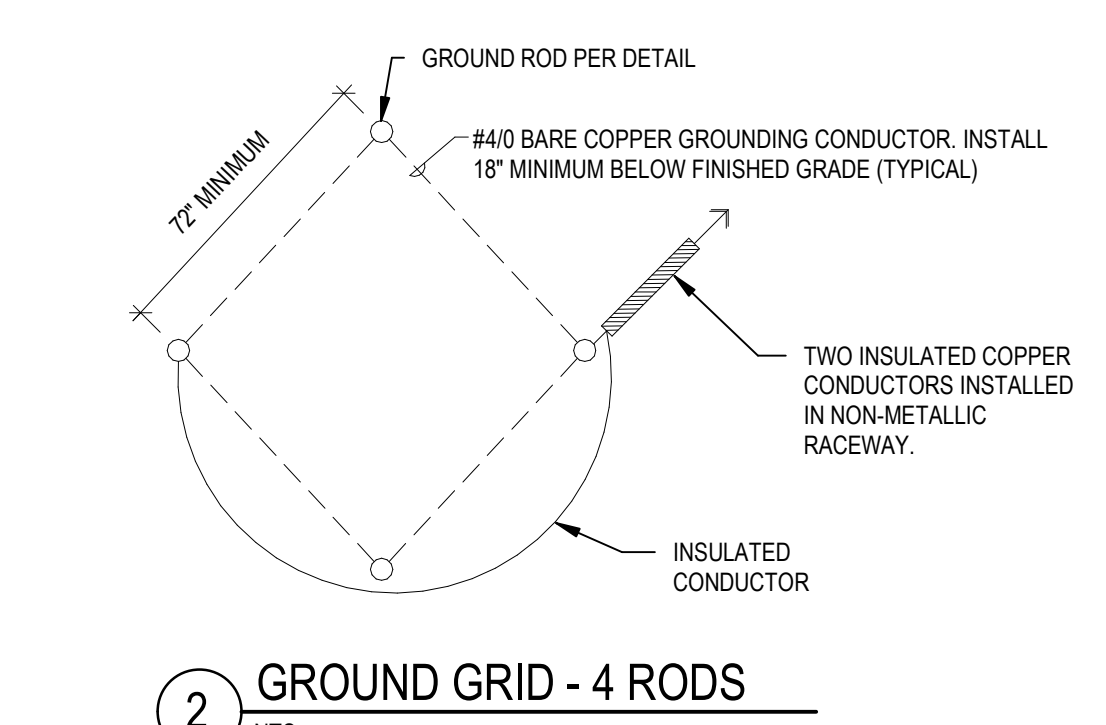
PRELIMINARY NOT - FOR CONSTRUCTION 07/28/23



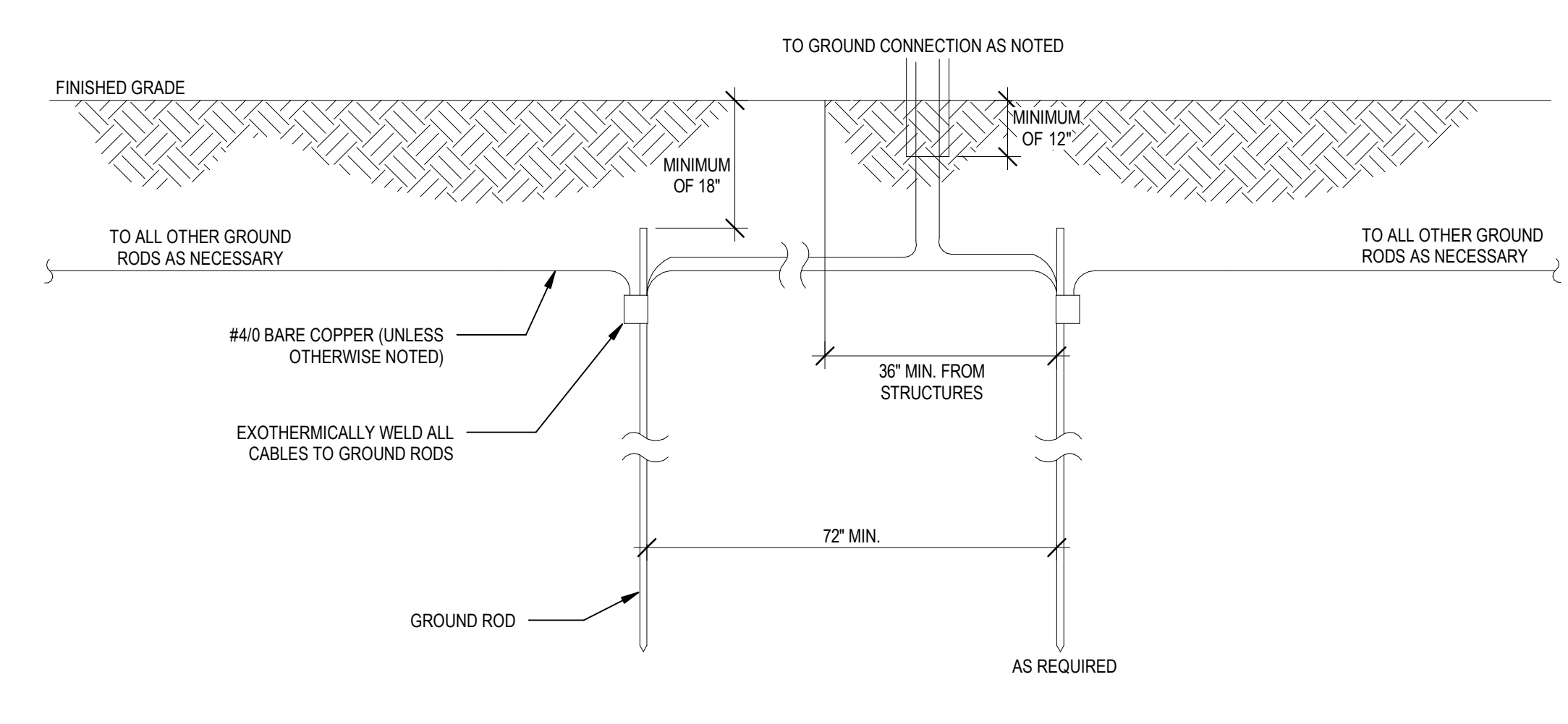
5 LIGHT POLE BASE INSTALLATION DETAIL
NTS



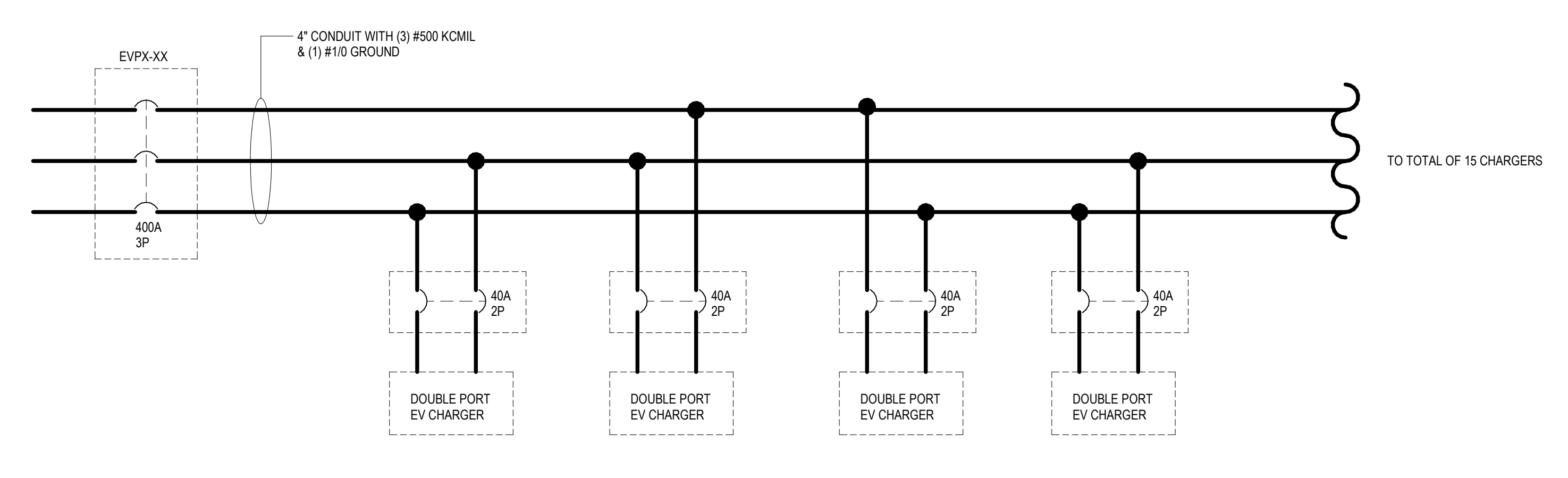
3 GROUND BAR DETAIL
NTS



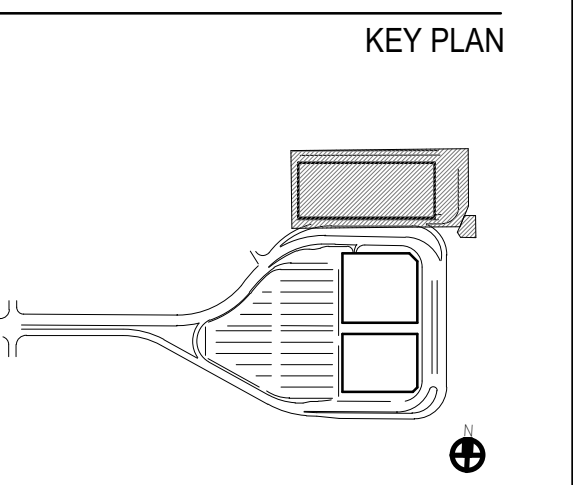
2 GROUND GRID - 4 RODS
NTS



4 GROUNDING ROD DETAIL
NTS



1 EV CHARGER WIRING DETAIL
NOT TO SCALE



ISSUE CHART

Revision Number	Revision Date

Scale: AS NOTED
Date: 07/28/23
Drawn By: DAM
Job Number: 22198-00

Project Manager:
Checked By: SSE

ELECTRICAL DETAILS

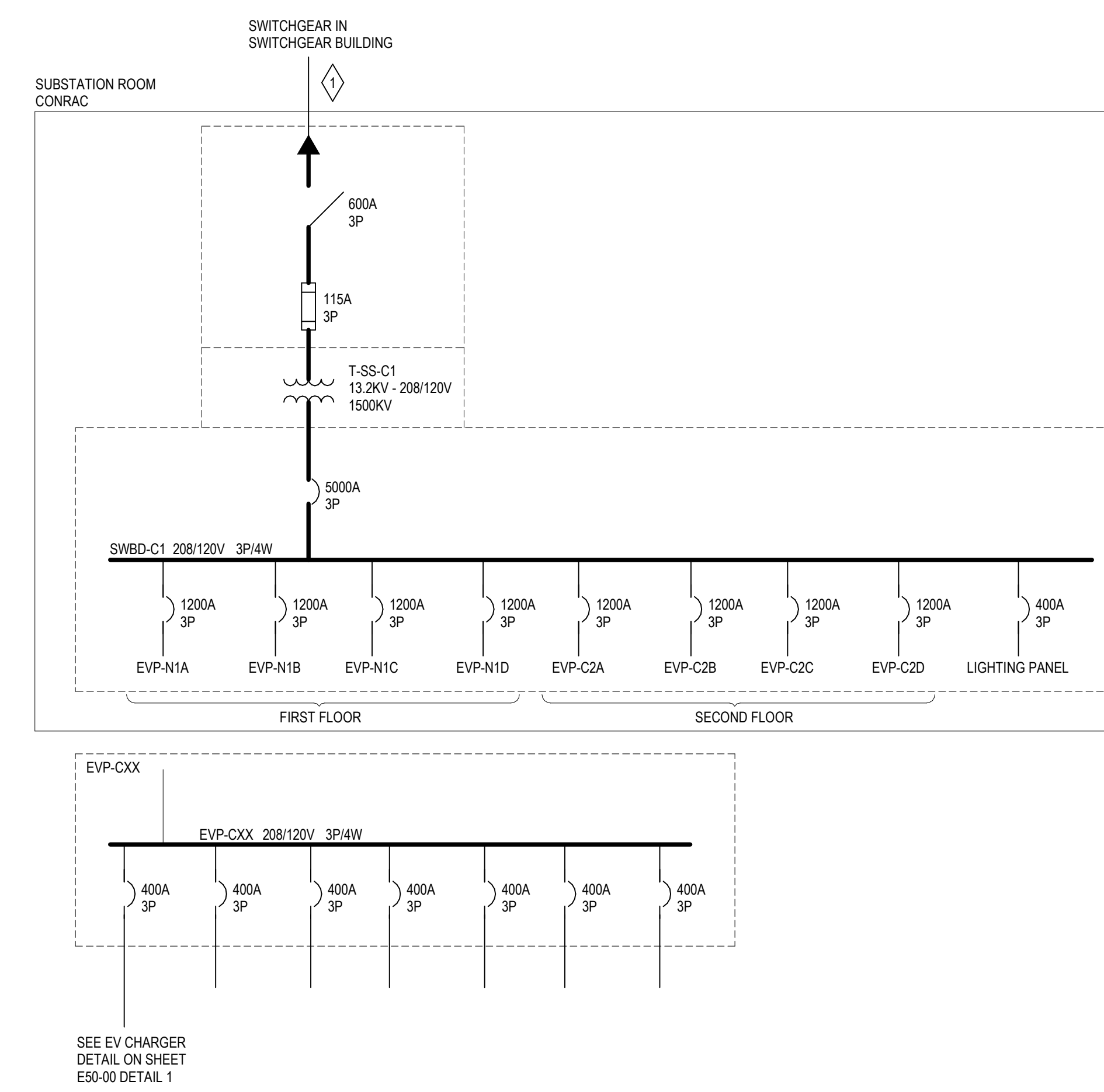
DRAWING NUMBER
E50-00

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LUMINARE SCHEDULE										
TYPE	DESCRIPTION	MOUNTING	DELIVERED LUMENS	INPUT WATTAGE	COLOR TEMPERATURE	CRI	VOLTAGE	BASIS OF DESIGN		NOTES
A	GARAGE LIGHT	SURFACE	4984	39.2	3500K	>70	120-277	COOPER LIGHTING: TT 02 736 U WO BZ TR		
X	EXIT LIGHT	SURFACE	-	0.98	-	-	120-277	COOPER LIGHTING: EXL 7 1 RW WH		
L6	EXTERIOR DOWN LIGHT	RECESSED	-	-	3500K	-	120-277	LFLUMINATION: RECESSED DOWN LIGHT		
S	1'x4' LED WALL MOUNTED 4000 LUMEN 3500K LUMINAIRE WITH DIE-FORMED ALUMINUM HOUSING AND EXTRUDED CURVED ACRYLIC DIFFUSERS RATED FOR DAMP LOCATIONS WITH NO DIMMING CONTROL AND BATTERY BACKUP LUMENS: 4000	SURFACE	4000	40	3500K	>90	MVOLT	LITHONIA PIN BLWPA 40L ADP MVOLT (-) LP505 E10WLCF PAF		

LIGHTING POWER ALLOWANCES & STATISTICS						
ROOM TYPE/NAME	RECOMMENDED AVERAGE FOOT-CANDELES (FC) PER AREA	AVERAGE FOOT-CANDELES (FC)	TOTAL WATTS (W)	TOTAL ROOMSPACE (FT²)	LPD (W/FT²)	MAXIMUM (W/FT²)
CONRAC GARAGE	5.0	6.5	12,230.4	238,306	0.063	0.11
TOTALS	5.0	6.5	12,230.4	238,306	0.063	0.11

TRIPLEX 15KV ARMOR CABLE 133% INSULATION
 (3) #1 CONDUCTORS



1 SINGLE LINE CONRAC
 NOT TO SCALE

SYRACUSE HANCOCK INTERNATIONAL AIRPORT
 Landside Design Study - ConRAC
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212
 Syracuse Regional Airport Authority
 1000 Col Eileen Collins Blvd
 Syracuse, New York 13212

Landrum & Brown
 110 William St., 20th Fl.
 New York, NY 10038

Perkins & Will
 1250 Broadway, Suite 200
 New York, NY 10007

Foit-Albert Associates
 295 Main Street, Suite 200
 Buffalo, New York 14203

TYLin
 32 Old Slip, 10th Fl.
 New York, NY 10005

Currie & Brown
 12 East 49th Street, 11th Fl.
 New York, NY 10017

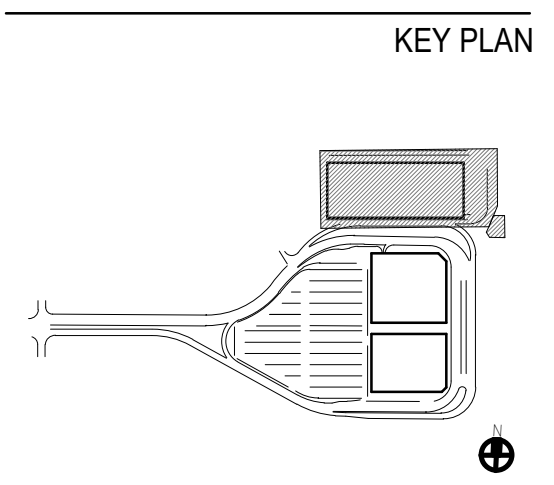
Cline Bettridge Bernstein
 116 East 27th Street, 4th Fl.
 New York, NY 10016

Airspace
 41 Flatbush Ave.
 Brooklyn, NY 11217

EDR
 217 Montgomery St., Suite 1100
 Syracuse, NY 13202

PDG
 555 Penbrooke Drive
 Penfield, NY 14526

PRELIMINARY NOT - FOR CONSTRUCTION 07/28/23



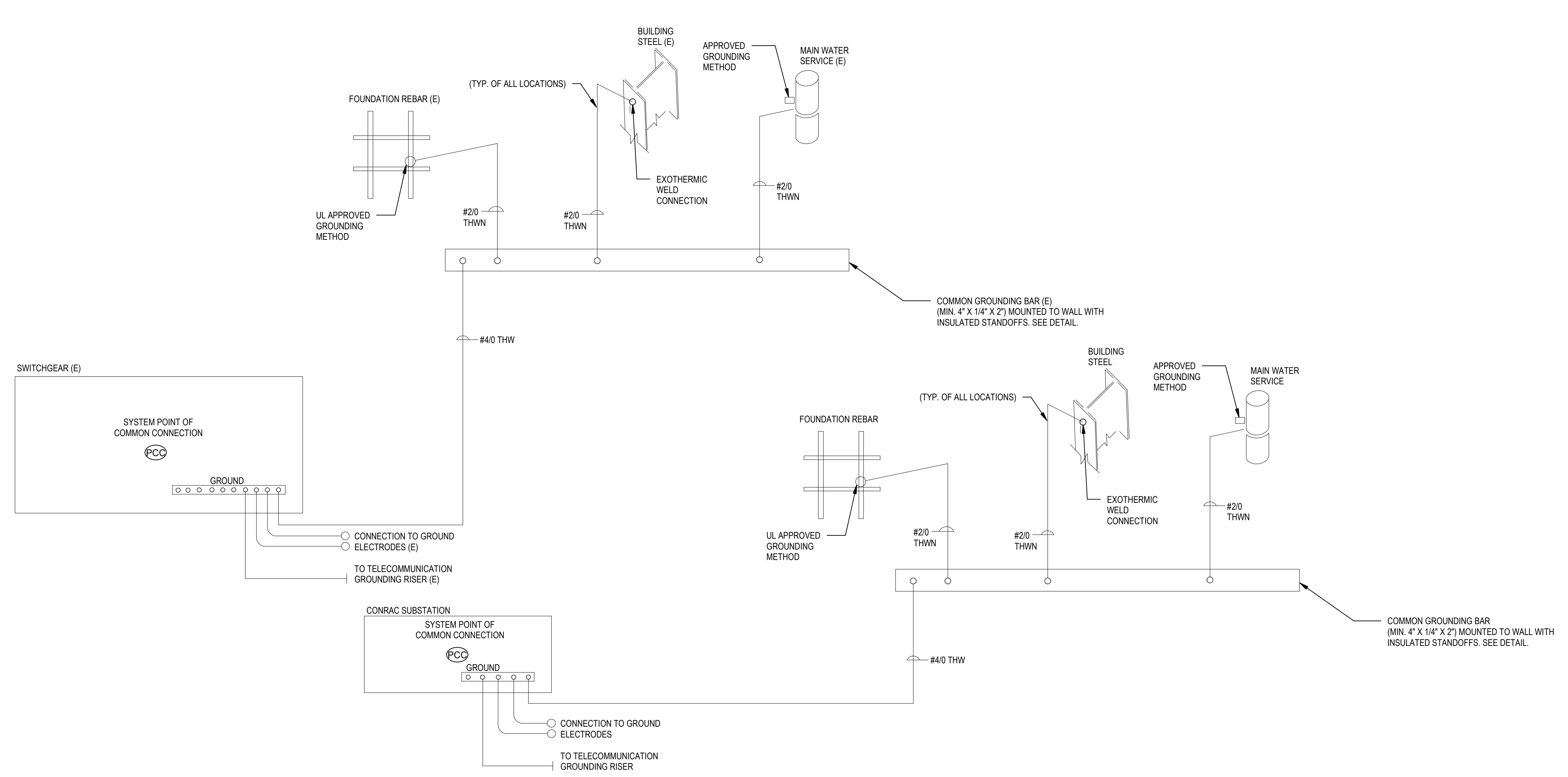
Revision Number	Revision Date

Scale: AS NOTED
 Date: 07/28/23 Project Manager:
 Drawn By: DAM Checked By: SSE
 Job Number: 22198-00
 TITLE

SINGLE LINE AND SCHEDULES FOR CONRAC

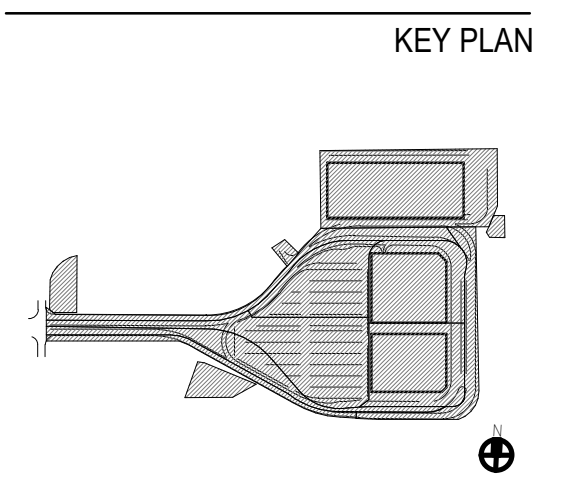
DRAWING NUMBER
E60-10

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1 GROUNDING RISER - PHASE 1
NOT TO SCALE

PRELIMINARY NOT - FOR CONSTRUCTION 07/28/23



ISSUE CHART

Revision Number	Revision Date

Scale: AS NOTED
Date: 07/28/23
Drawn By: DAM
Job Number: 22198-00

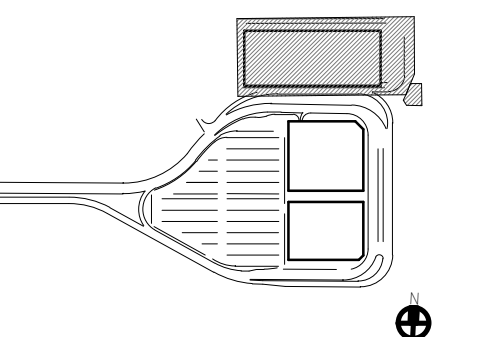
Project Manager:
Checked By: SSE

TITLE
GROUNDING RISER

DRAWING NUMBER
E61-00

PRELIMINARY NOT - FOR CONSTRUCTION 07/28/23

KEY PLAN



ISSUE CHART

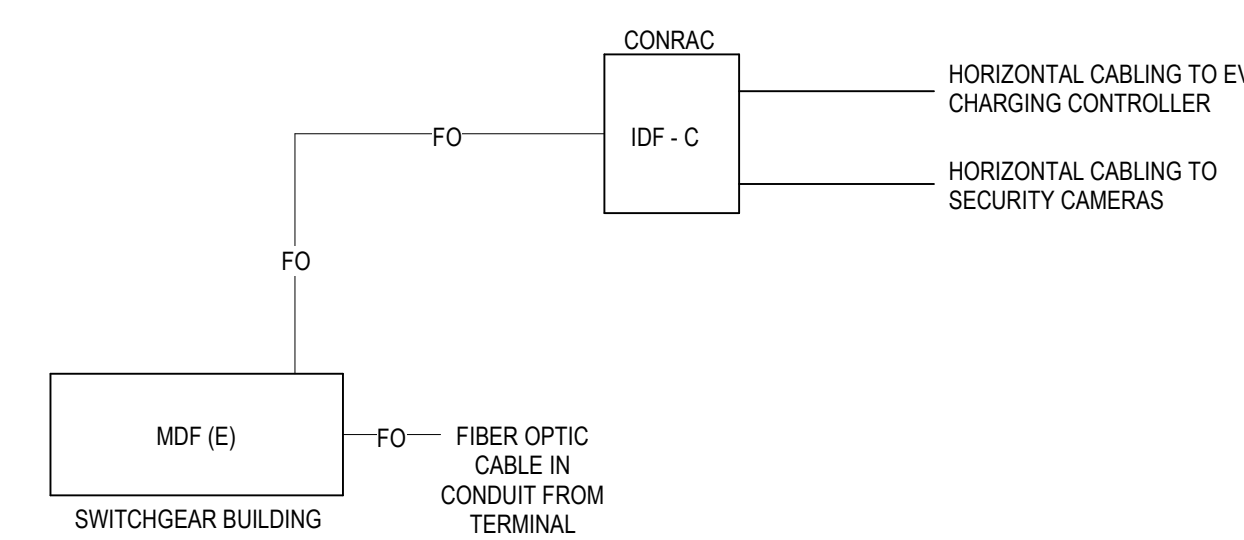
Revision Number	Revision Date

Scale: AS NOTED
 Date: 07/28/23
 Drawn By: DAM
 Job Number: 22198.00
 Project Manager:
 Checked By: SSE
 TITLE

DATA RISER

DRAWING NUMBER

E62-01



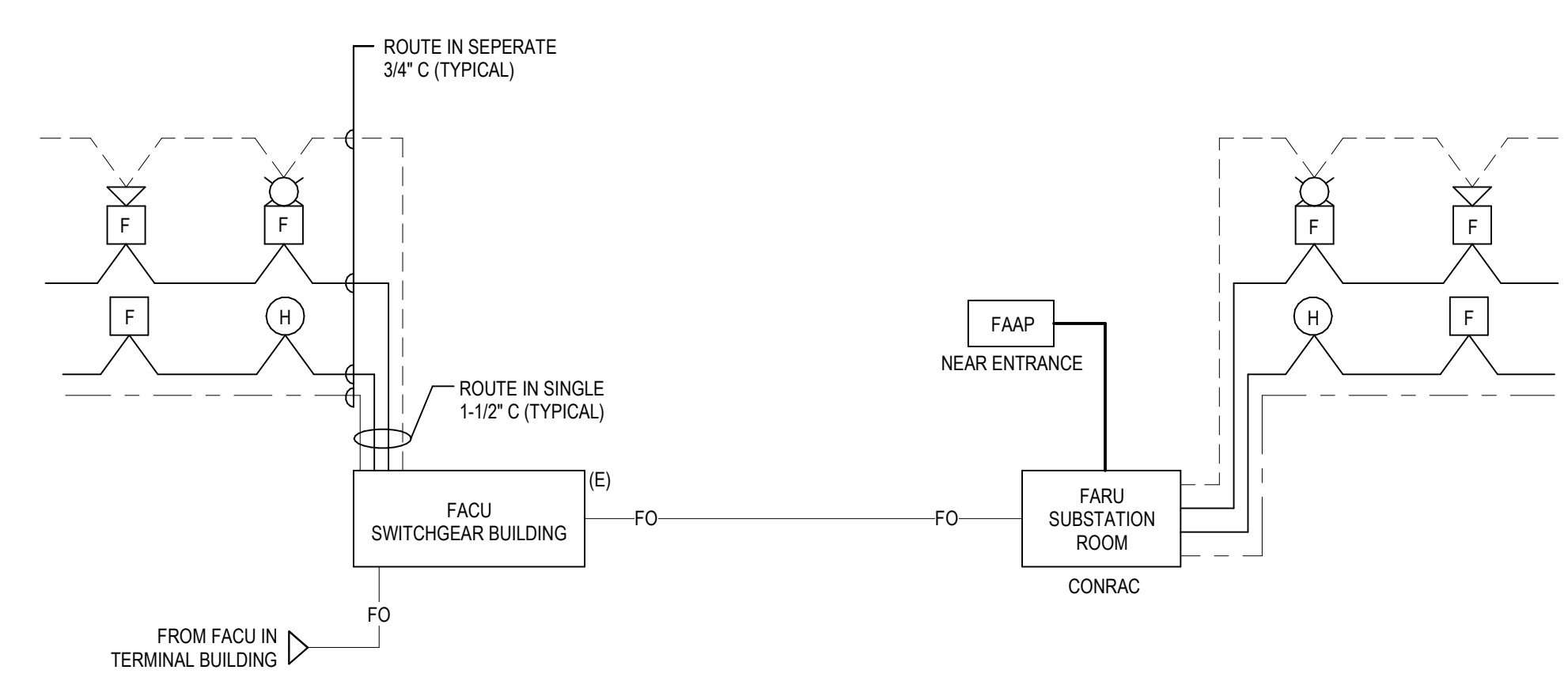
GENERAL LINE TYPES	
FIBER OPTIC CABLE	FO

- GENERAL NOTES:**
- ALL FIBER OPTIC LINES TO BE ROUTED IN 1" MIN. CONDUIT.
 - AT EACH DATA RACK, ROUTE EACH CABLE OVERHEAD TO FARTHEST RACK LOCATION AND EXTEND CABLE TO FLOOR TO ALLOW FOR VARIABILITY IN INSTALLATION. COIL CABLE AND COVER, AS NECESSARY, TO PROTECT DURING CONSTRUCTION ACTIVITIES.

1 TELECOMMUNICATIONS RISER - PHASE 1
 NOT TO SCALE

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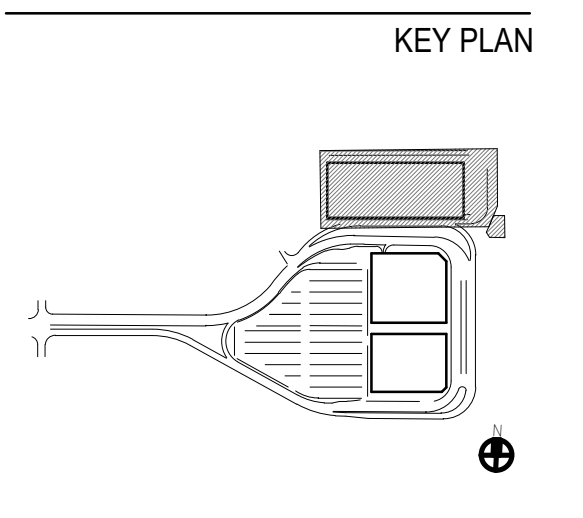
PRELIMINARY NOT - FOR CONSTRUCTION 07/28/23



FIRE ALARM RISER LINE TYPES	
NOTIFICATION CIRCUIT	_____
INITIATION CIRCUIT	_____
SPEAKER CIRCUIT	-----
AUDIO CIRCUIT	_____
24VDC CIRCUIT	-----
COMMUNICATION CIRCUIT	_____
FIBER OPTIC CABLE	FO _____ FO

- GENERAL NOTES:**
- DEVICES SHOWN ARE NOT REPRESENTATIVE OF ACTUAL CONNECTIONS OR DEVICES USED AND ARE FOR ILLUSTRATIVE PURPOSES ONLY.
 - ROUTE ALL FIRE ALARM DEVICE WIRING FOR EACH FLOOR IN SINGLE 1-1/2\"/>

1 FIRE ALARM RISER - PHASE 1
NOT TO SCALE



ISSUE CHART	
Revision Number	Revision Date

Scale: AS NOTED	Project Manager:
Date: 07/28/23	Checked By:
Drawn By: _DAM	SSE
Job Number: 22198-00	TITLE

FIRE ALARM RISER

DRAWING NUMBER
E63-01



SYR Regional Airport Signage and Wayfinding 15% Final Design Documents

May 3, 2023

airspace

Airspace Design Inc.
Brooklyn, NY
www.airspace.nyc

Project	Client	Architect	Architect	Project Phase	Scale	Date	Page
SYR Regional Airport Signage and Wayfinding	Landrum & Brown 1250 Broadway, Suite 200 New York, NY 10001	Foit-Albert Associates 295 Main Street, Suite 200 Buffalo, New York 14203	Perkins & Will 1250 Broadway, Suite 200 New York, NY 10001	Final 15% Design Documents	n/a	May 3, 2023	0-1

SYR Regional Airport Sign Type List

Identification Types	QTY
D5 CONRAC ID - Vehicular	3
D6 CONRAC ID - Pedestrian	1

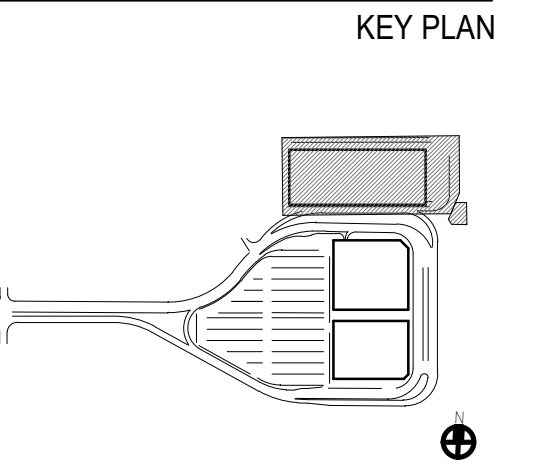
Wayfinding Types	QTY
W5 Clearance Bar	~7

airspace

Airspace Design Inc.
Brooklyn, NY
www.airspace.nyc

Project	Client	Architect	Architect	Project Phase	Scale	Date	Page
SYR Regional Airport Signage and Wayfinding	Landrum & Brown 1250 Broadway, Suite 200 New York, NY 10001	Foit-Albert Associates 295 Main Street, Suite 200 Buffalo, New York 14203	Perkins & Will 1250 Broadway, Suite 200 New York, NY 10001	Final 15% Design Documents	n/a	May 3, 2023	0-2

PRELIMINARY NOT - FOR CONSTRUCTION 07/28/23



ISSUE CHART	
Revision Number	Revision Date

Scale: AS NOTED
 Date: 07/28/23
 Drawn By: Airspace
 Job Number: 220450-00

Project Manager:
 Checked By:

TITLE
**WAYFINDING COVER
& SIGN TYPE LIST**

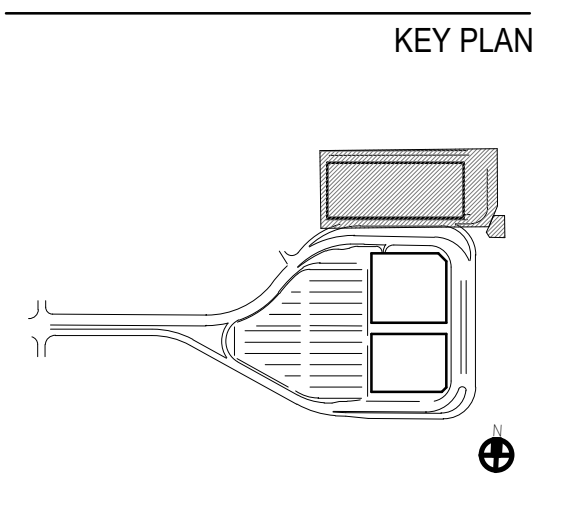
DRAWING NUMBER
W00-00

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PRELIMINARY NOT - FOR CONSTRUCTION 07/28/23



1 Overall Sign Location Plan
 Scale: 1/64" = 1'-0"



ISSUE CHART

Revision Number	Revision Date

Scale: AS NOTED

Date: 07/28/23	Project Manager:
Drawn By:	Checked By:
Job Number: 220450.00	

TITLE
**OVERALL SIGN
 LOCATION PLAN**

DRAWING NUMBER
W10-01

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SYR Regional Airport D5: CONRAC ID – Vehicular

D5: CONRAC ID – Vehicular
Fabricated signage mounted to CONRAC at entrance
Dimensions: (7'11" x 54")
*May need to incorporate digital screen(s)

Considerations:
Lighting
Digital Screen

airspace Airspace Design Inc. Brooklyn, NY www.airspace-ny.com	Project SYR Regional Airport Signage and Wayfinding	Client Landrum & Brown 1200 Broadway, Suite 200 New York, NY 10001	Architect Foit-Albert Associates 295 Main Street, Suite 200 Buffalo, New York 14203	Architect Perkins & Will 1200 Broadway, Suite 200 New York, NY 10001	Project Phase Final 10% Design Documents	Scale n/a	Date May 3, 2023	Page 0-10
--	--	--	---	--	--	---------------------	----------------------------	---------------------

SYR Regional Airport D6: CONRAC ID – Pedestrian

D6: CONRAC ID – Pedestrian
Fabricated signage mounted to CONRAC at entrance
Dimensions: (1' 3 1/2" x 14 1/2" x 18' 0")
*May need to incorporate digital screen(s)

Considerations:
Lighting
Digital Screen

airspace Airspace Design Inc. Brooklyn, NY www.airspace-ny.com	Project SYR Regional Airport Signage and Wayfinding	Client Landrum & Brown 1200 Broadway, Suite 200 New York, NY 10001	Architect Foit-Albert Associates 295 Main Street, Suite 200 Buffalo, New York 14203	Architect Perkins & Will 1200 Broadway, Suite 200 New York, NY 10001	Project Phase Final 10% Design Documents	Scale n/a	Date May 3, 2023	Page 0-11
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PROJECT

SYRACUSE HANCOCK INTERNATIONAL AIRPORT

Landside Design Study - ConRAC
1000 Col Eileen Collins Blvd
Syracuse, New York 13212

Syracuse Regional Airport Authority
1000 Col Eileen Collins Blvd
Syracuse, New York 13212

PROJECT MANAGEMENT & PLANNING

Landrum & Brown
110 William St., 20th Fl.
New York, NY 10038

ARCHITECT

Perkins & Will
1290 Broadway, Suite 200
New York, NY 10001

Foit-Albert Associates
295 Main Street, Suite 200
Buffalo, New York 14203

STRUCTURAL, ROADWAY DESIGN

TYLin
32 Old Slip, 10th Fl.
New York, NY 10005

ACCOUNTING

Currie & Brown
12 East 49th Street, 11th Fl.
New York, NY 10017

LIGHTING DESIGN

Cline Bettridge Bernstein
116 East 27th Street, 4th Fl.
New York, NY 10016

SIGNAGE

Airspace
41 Flatbush Ave.
Brooklyn, NY 11217

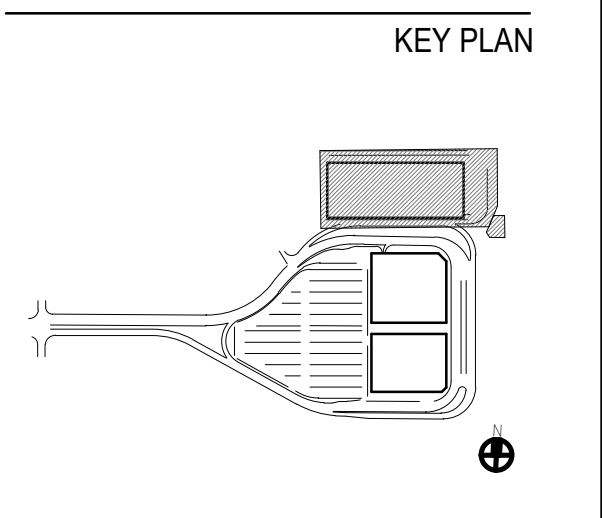
LANDSCAPE

EDR
217 Montgomery St., Suite 1100
Syracuse, NY 13202

MEPPP

PDG
555 Penbrooke Drive
Perth Amboy, NJ 08862

PRELIMINARY NOT - FOR CONSTRUCTION 07/28/23



ISSUE CHART

Revision Number	Revision Date

Scale: AS NOTED
Date: 07/28/23
Drawn By: Airspace
Job Number: 220450-00

Project Manager:
Checked By:

TITLE
IDENTIFICATION SIGN TYPES

DRAWING NUMBER
W20-01