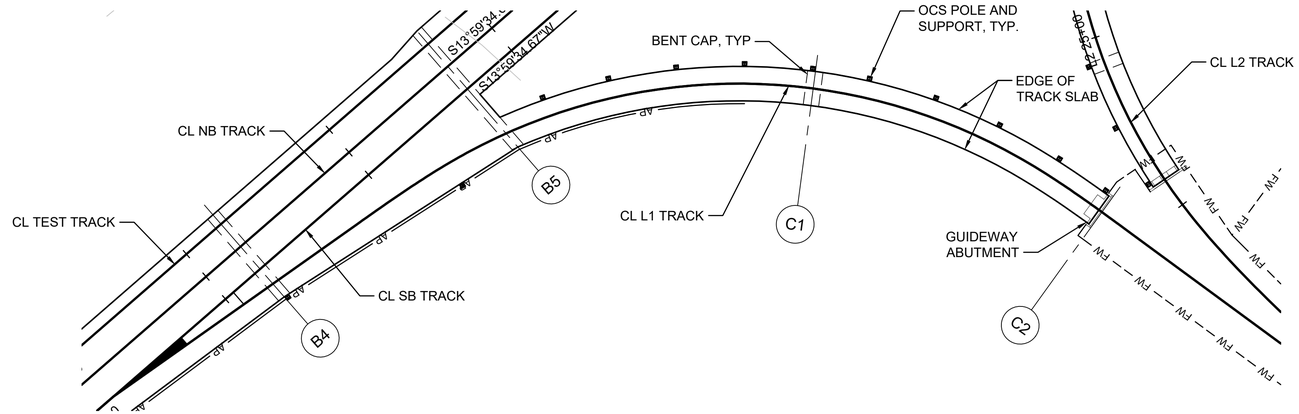
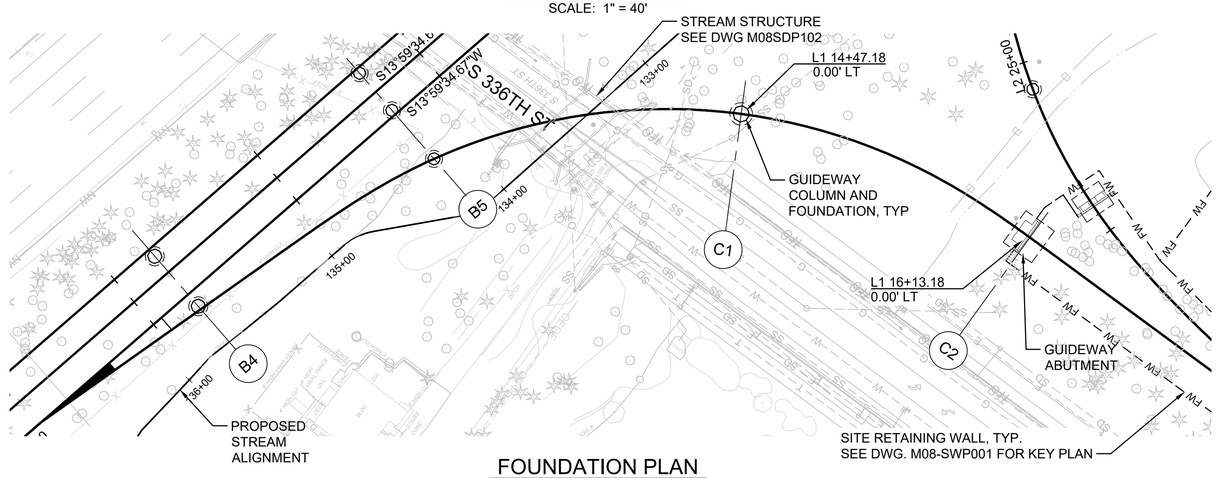


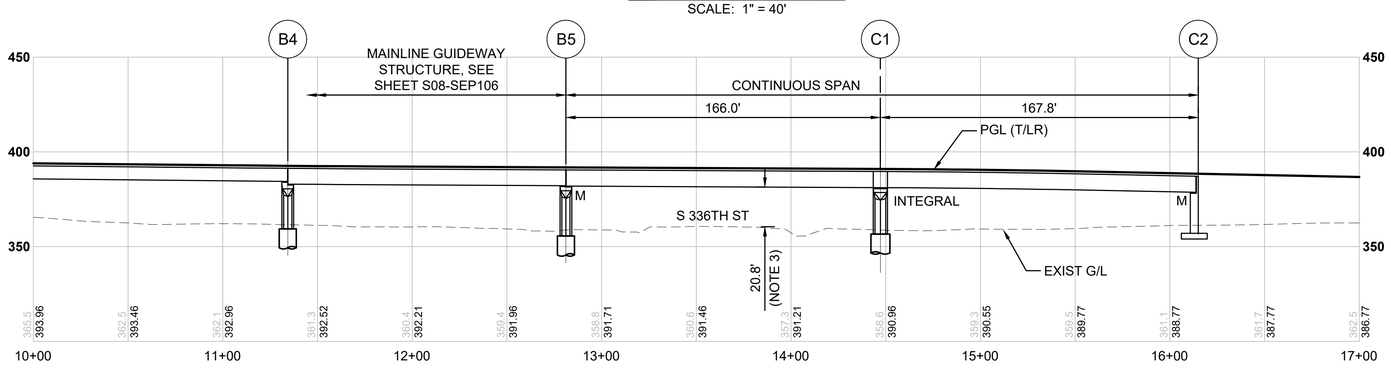
GUIDEWAY PLAN

SCALE: 1" = 40'



FOUNDATION PLAN

SCALE: 1" = 40'



DEVELOPED ELEVATION

SCALE: 1" = 40'

GENERAL NOTES:

1. SPAN LENGTH MEASURED ALONG THE LEAD (L) TRACK.
2. FOR TRACK HORIZONTAL CURVE AND PROFILE DATA, SEE TRACK PLAN AND PROFILE DRAWINGS.
3. DIMENSION IS APPROXIMATE MINIMUM VERTICAL CLEARANCE ANYWHERE BETWEEN OUTSIDE LANE EDGE STRIPING ON EXISTING ROADWAY. REQUIRED MINIMUM CLEARANCE OVER ROADWAYS IS 16'-6" IN TEMPORARY AND PERMANENT CONDITIONS.
4. COLUMN SILOS NOT SHOWN. COLUMN SILOS, ADJUSTMENTS TO COLUMN FOUNDATION SIZES, AND SUPERSTRUCTURE ARTICULATION MAY ALL REQUIRE CHANGES IN FINAL DESIGN TO MEET STRM BALANCED STIFFNESS AND BALANCED FRAME GEOMETRY REQUIREMENTS.

N

40 20 0 40 80

SCALE IN FEET

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. HARRIS
DRAWN BY: A. VALENCIA
CHECKED BY: J. MERTH
APPROVED BY: B. HARRIS

AHJ:

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

PACKAGE #

SCALE: 1"=40'
FILENAME: OMFS-M08-SEP101
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

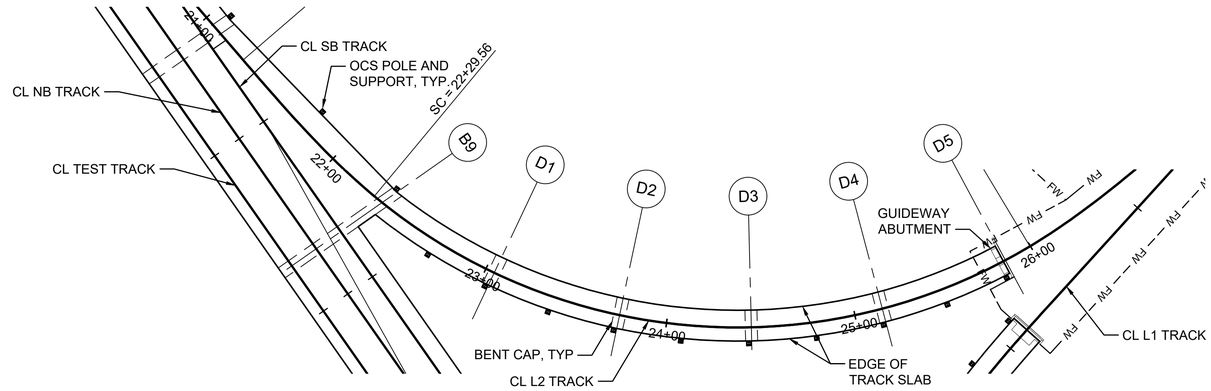
STRUCTURAL
LEAD TRACK 1 STRUCTURES PLAN AND PROFILE
STA 10+00 TO STA 17+00

DRAWING No.: M08-SEP101
FACILITY ID: M08
SHEET No.:
REV:

02/23/24 | 6:18 AM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SEP101.DWG

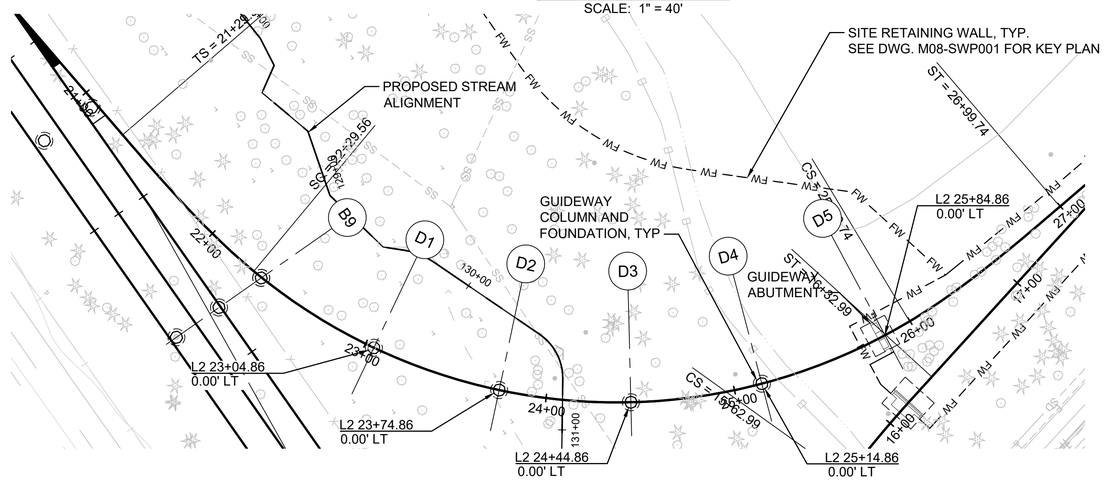
GENERAL NOTES:

1. SPAN LENGTH MEASURED ALONG THE LEAD (L) TRACK.
2. FOR TRACK HORIZONTAL CURVE AND PROFILE DATA, SEE TRACK PLAN AND PROFILE DRAWINGS.
3. COLUMN SILOS NOT SHOWN. COLUMN SILOS, ADJUSTMENTS TO COLUMN FOUNDATION SIZES, AND SUPERSTRUCTURE ARTICULATION MAY ALL REQUIRE CHANGES IN FINAL DESIGN TO MEET STRM BALANCED STIFFNESS AND BALANCED FRAME GEOMETRY REQUIREMENTS.



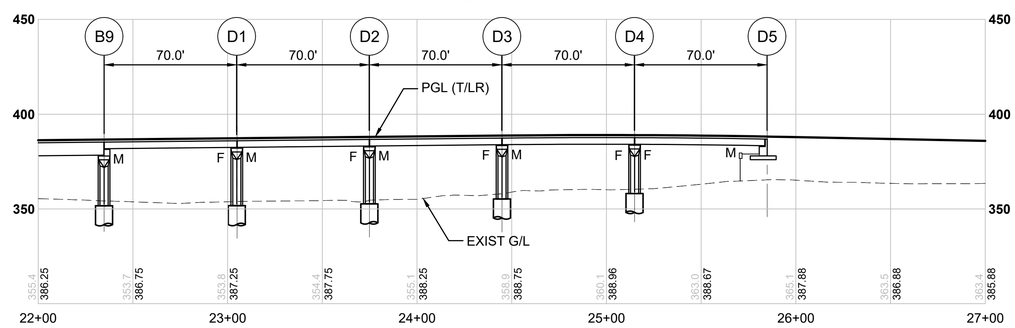
GUIDEWAY PLAN

SCALE: 1" = 40'



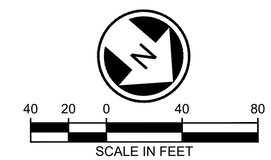
FOUNDATION PLAN

SCALE: 1" = 40'



REFELECTED DEVELOPED ELEVATION

SCALE: 1" = 40'



NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: J. MERTH
APPROVED BY: B. HARRIS

AHJ:

PRELIMINARY

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

PACKAGE #

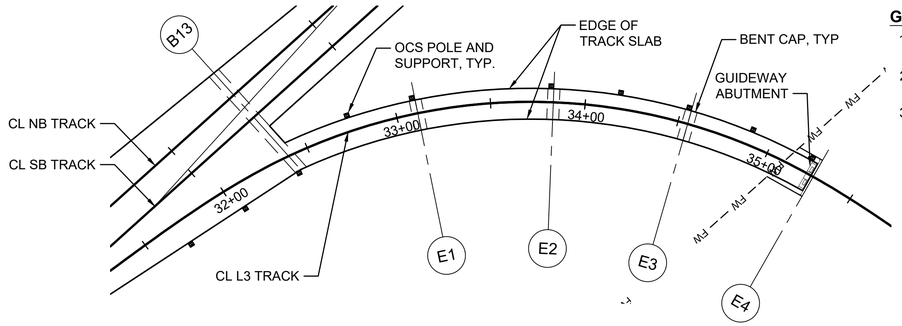
SCALE: 1"=40'
FILENAME: OMFS-M08-SEP101
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
LEAD TRACK 2 STRUCTURES PLAN AND PROFILE
STA 22+00 TO STA 27+00

DRAWING No.: M08-SEP102
FACILITY ID: M08
SHEET No.:
REV:

02/23/24 | 6:25 AM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SEP101.DWG

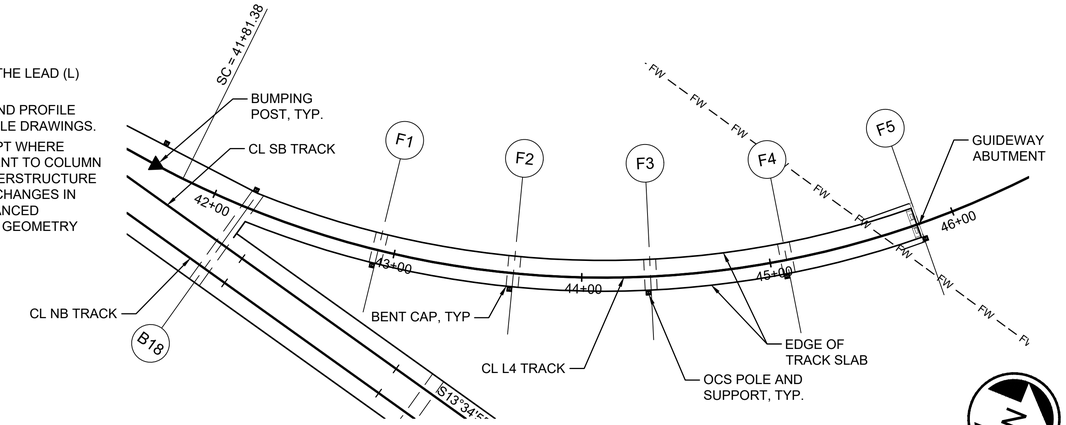


GUIDEWAY PLAN

SCALE: 1" = 40'

GENERAL NOTES:

1. SPAN LENGTH MEASURED ALONG THE LEAD (L) TRACK.
2. FOR TRACK HORIZONTAL CURVE AND PROFILE DATA, SEE TRACK PLAN AND PROFILE DRAWINGS.
3. COLUMN SILOS NOT SHOWN EXCEPT WHERE NOTED. COLUMN SILOS, ADJUSTMENT TO COLUMN AND FOUNDATION SIZES, AND SUPERSTRUCTURE ARTICULATION MAY ALL REQUIRE CHANGES IN FINAL DESIGN TO MEET STRM BALANCED STIFFNESS AND BALANCED FRAME GEOMETRY REQUIREMENTS.

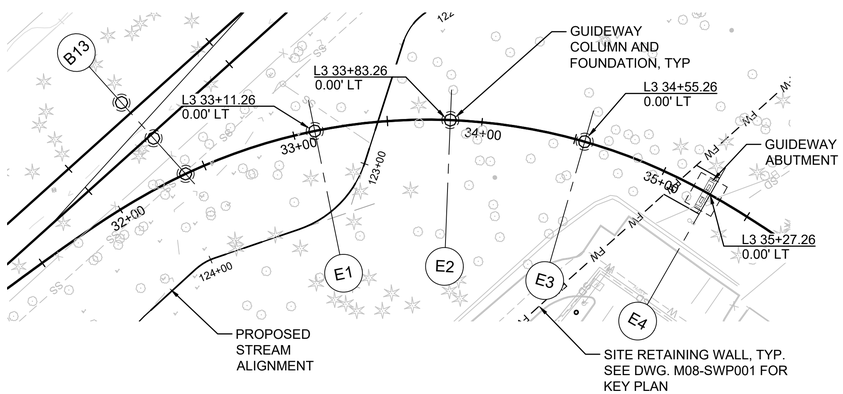


GUIDEWAY PLAN

SCALE: 1" = 40'

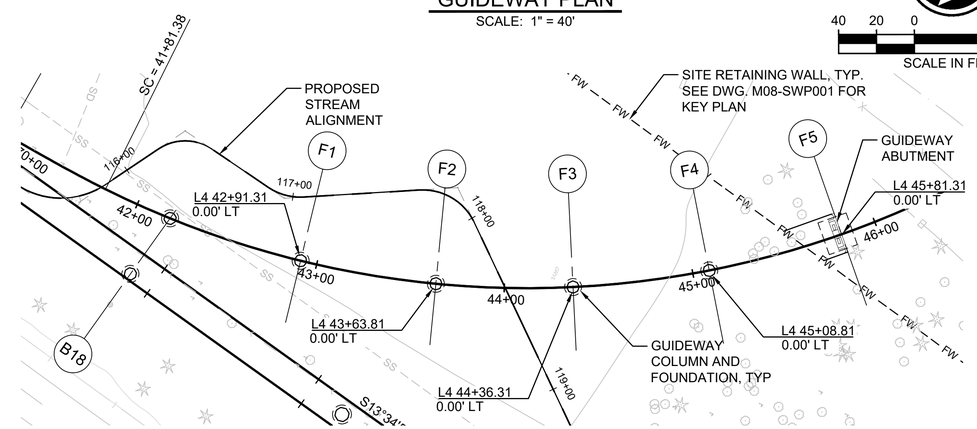
40 20 0 40 80

SCALE IN FEET



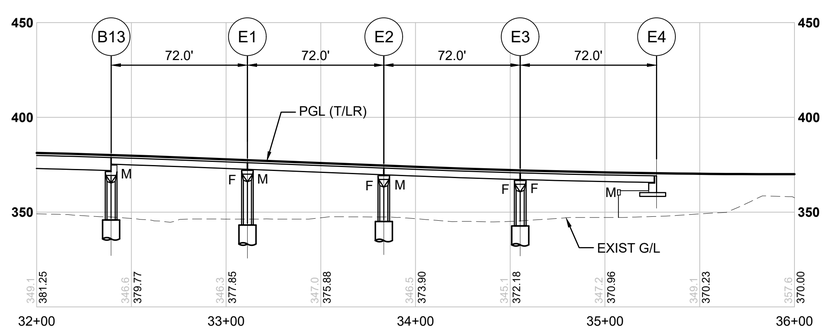
FOUNDATION PLAN

SCALE: 1" = 40'



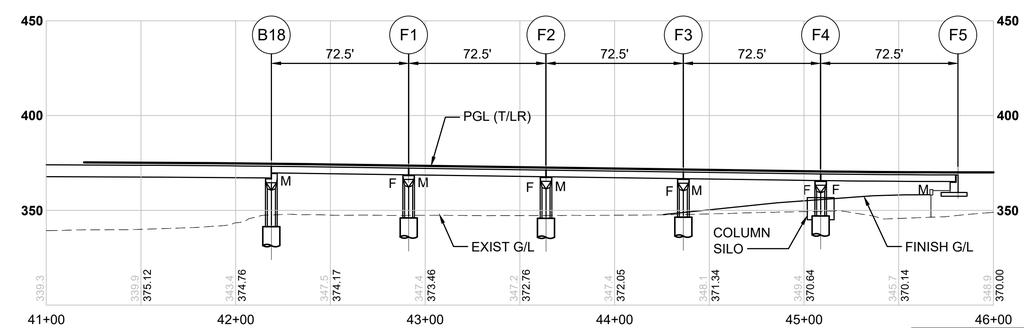
FOUNDATION PLAN

SCALE: 1" = 40'



DEVELOPED ELEVATION

SCALE: 1" = 40'



REFELECTED DEVELOPED ELEVATION

SCALE: 1" = 40'

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: J. MERTH
APPROVED BY: B. HARRIS

AHJ:

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

PACKAGE #

SCALE: 1"=40'
FILENAME: OMFS-M08-SEP101
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
LEAD TRACK 3 & 4 STRUCTURES PLAN AND PROFILE
STA 32+00 TO STA 36+00 & STA 41+00 TO 46+00

DRAWING No.: M08-SEP103
FACILITY ID: M08
SHEET No.:
REV:

02/23/24 | 6:38 AM | VALENALV
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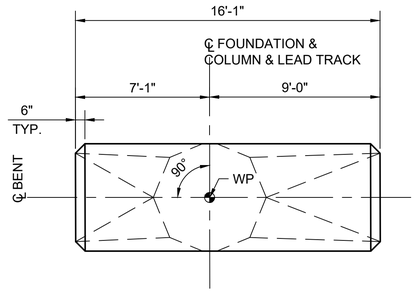
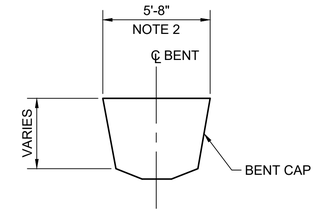


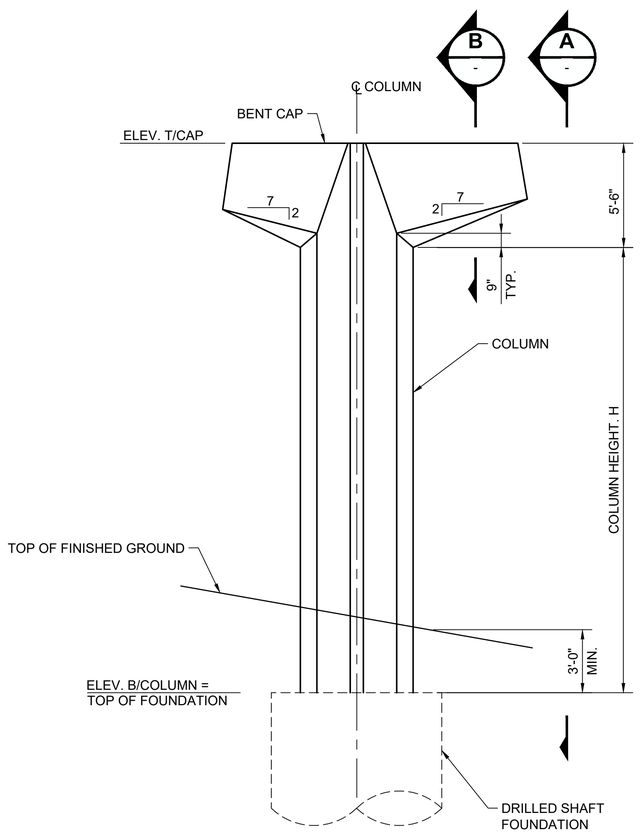
BENT PLAN
SCALE: 1/4" = 1'-0"



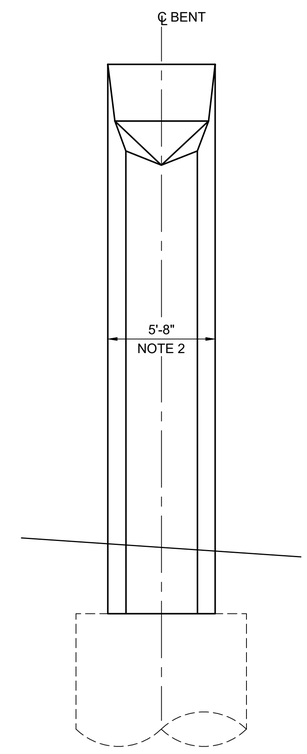
SECTION B
SCALE: 1/4" = 1'-0"

NOTES:

1. SEE DRAWINGS STD-SFS001 FOR FOUNDATION SCHEDULE AND DRAWINGS STD-SSS001 FOR SUBSTRUCTURE SCHEDULE, BOTH OF WHICH INCLUDE INFORMATION FOR LEAD TRACK GUIDEWAYS.
2. COLUMN SIZE AND CORRESPONDING BENT CAP WIDTH TO BE ADJUSTED IN FINAL DESIGN TO MEET STRM BALANCED STIFFNESS AND BALANCED FRAME GEOMETRY REQUIREMENTS.



BENT ELEVATION 1
SCALE: 1/4" = 1'-0"



BENT SIDE ELEVATION A
SCALE: 1/4" = 1'-0"

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: J. MERTH
APPROVED BY: B. HARRIS

AHJ:

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

PACKAGE #

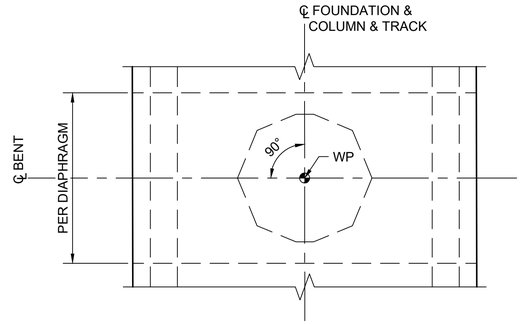
SCALE:
FILENAME: OMFS-M08-SBD001
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

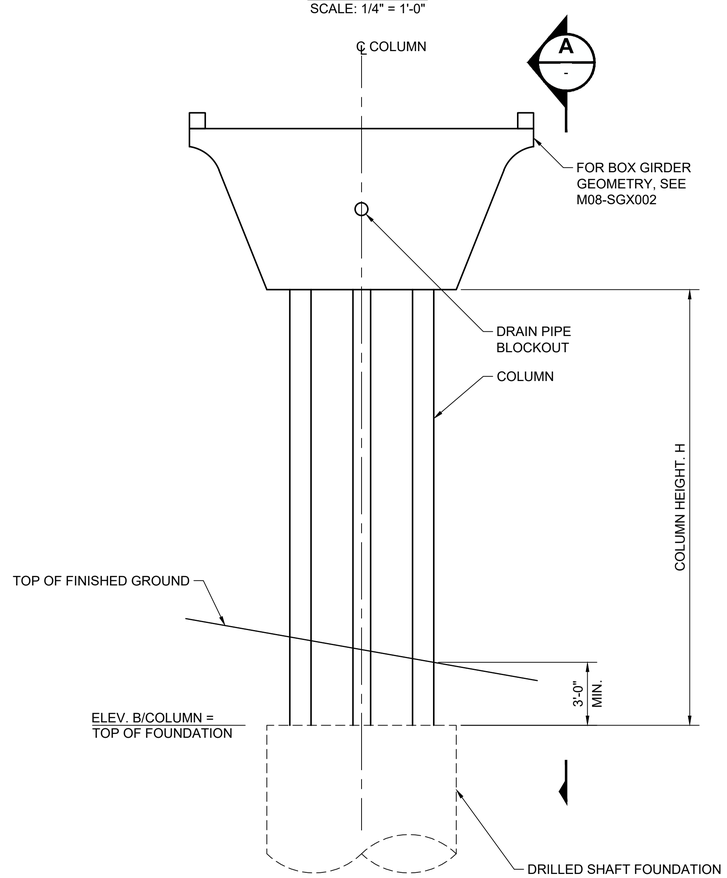
STRUCTURAL
AERIAL GUIDEWAY - SUBSTRUCTURE
TYPICAL SINGLE COLUMN BENT AT LEAD TRACK

DRAWING No.: **M08-SBD001**
FACILITY ID: M08
SHEET No.:
REV:

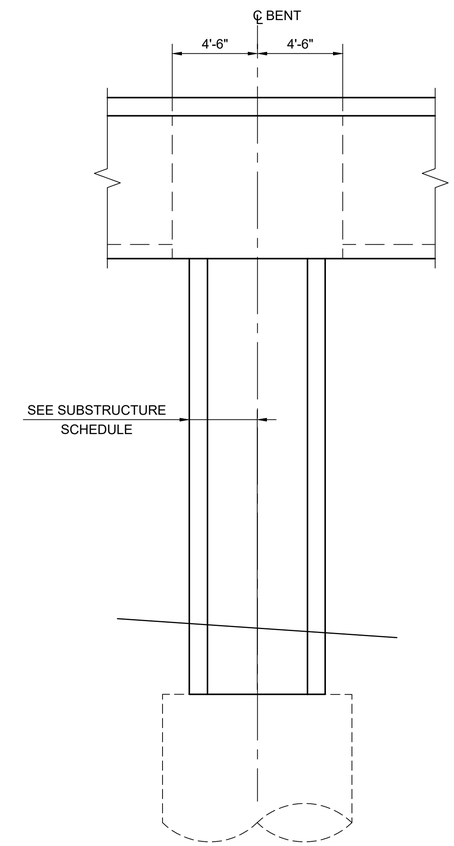
02/26/24 | 8:08 AM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SBD001.DWG



BENT PLAN
SCALE: 1/4" = 1'-0"



BENT ELEVATION 1 / -
SCALE: 1/4" = 1'-0"



BENT SIDE ELEVATION A / -
SCALE: 1/4" = 1'-0"

NOTES:

1. SEE DRAWINGS STD-SFS001 FOR FOUNDATION SCHEDULE AND DRAWINGS STD-SSS001 FOR SUBSTRUCTURE SCHEDULE, BOTH OF WHICH INCLUDE INFORMATION FOR LEAD TRACK GUIDEWAYS.

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. HARRIS
DRAWN BY: A. VALENCIA
CHECKED BY: J. MERTH
APPROVED BY: B. HARRIS

AHJ:

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

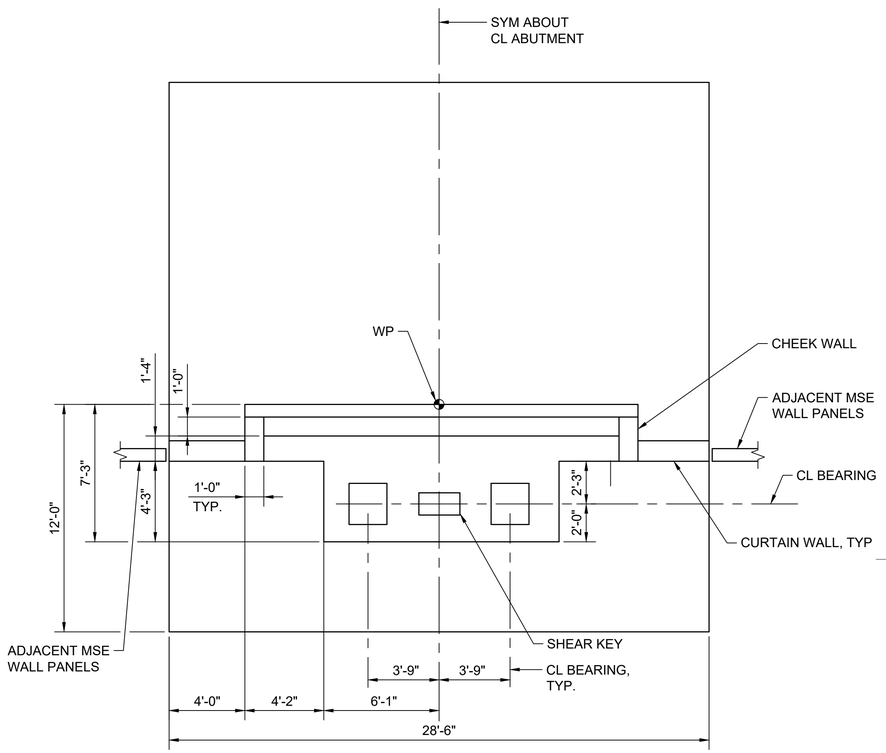
PACKAGE #
SCALE:
FILENAME: OMFS-M08-SBD002
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
AERIAL GUIDEWAY - SUBSTRUCTURE
INTEGRAL SINGLE COLUMN BENT AT LEAD 1

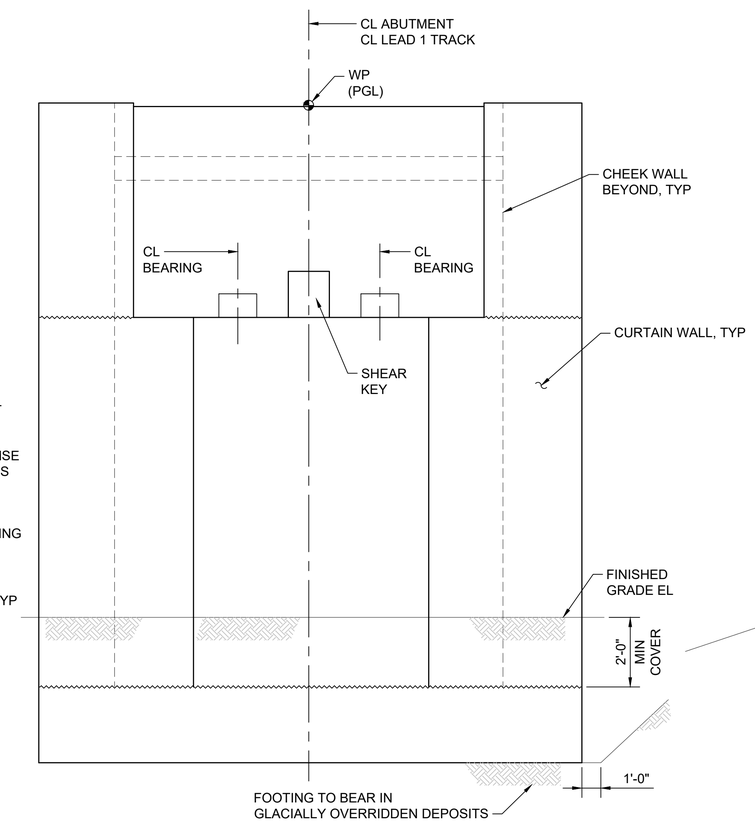
DRAWING No.: **M08-SBD002**
FACILITY ID: M08
SHEET No.:
REV:

02/26/24 | 8:09 AM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SBD002.DWG



PLAN - ABUTMENT

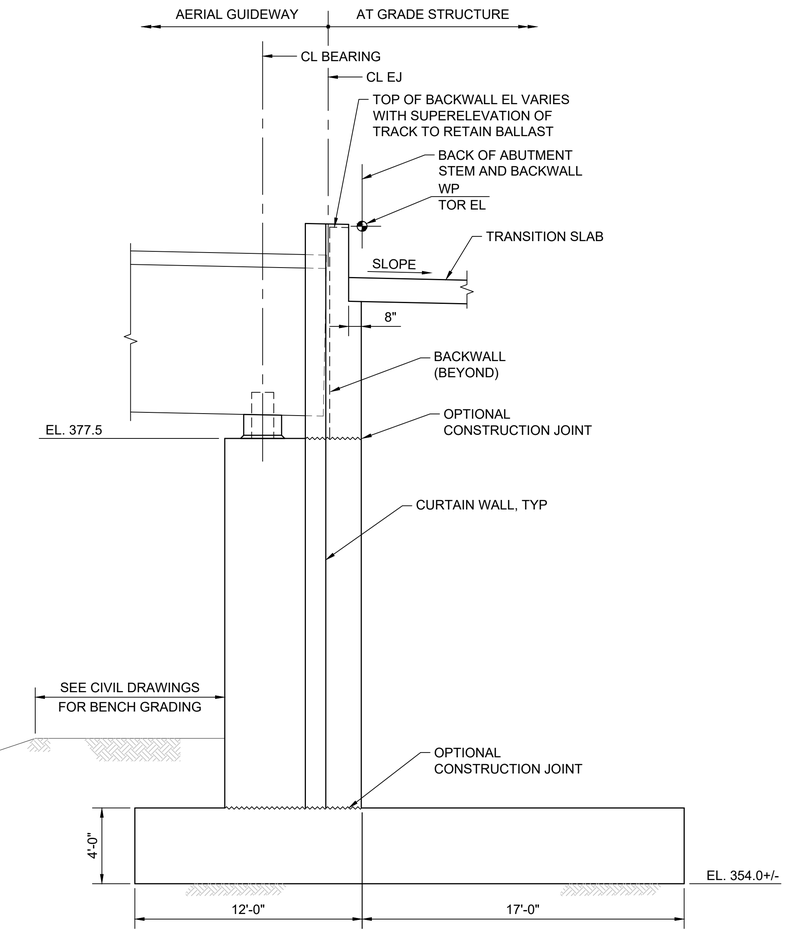
SCALE: 1/4" = 1'-0"



ELEVATION - TRANSVERSE

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

(LOOKING AHEAD OF STATION)



ELEVATION - LONGITUDINAL

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

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. HARRIS
DRAWN BY: A. VALENCIA
CHECKED BY: J. MERTH
APPROVED BY: B. HARRIS

AHJ:

PRELIMINARY

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

PACKAGE #

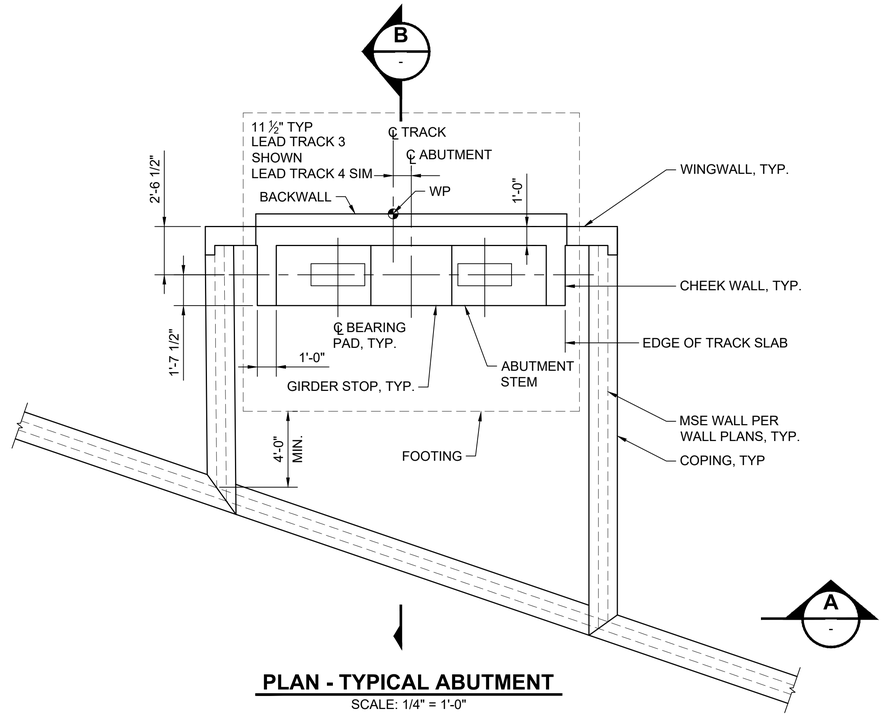
SCALE:
FILENAME: OMFS-M08-SBD003
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
AERIAL GUIDEWAY - SUBSTRUCTURE
ABUTMENT AT LEAD 1

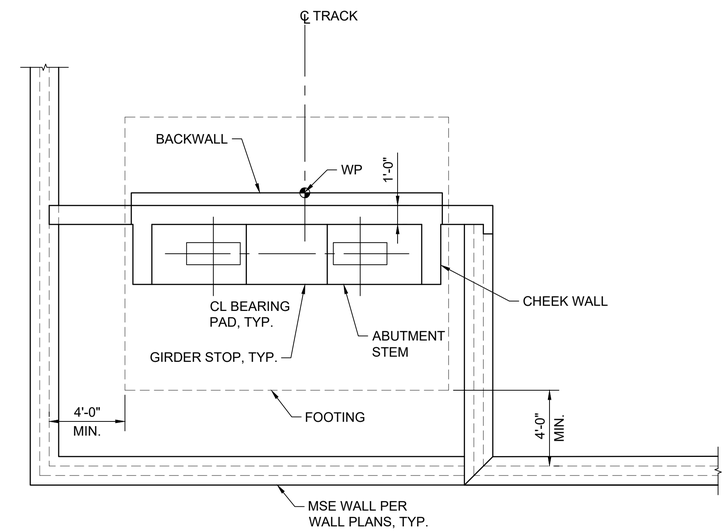
DRAWING No.: **M08-SBD003**
FACILITY ID: M08
SHEET No.:
REV:

02/26/24 | 2:49 PM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SBD003.DWG



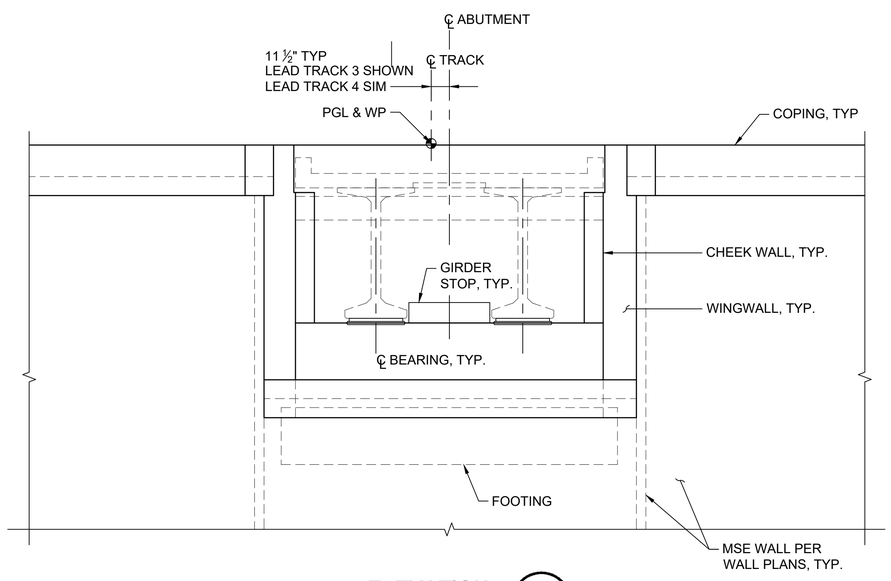
PLAN - TYPICAL ABUTMENT

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



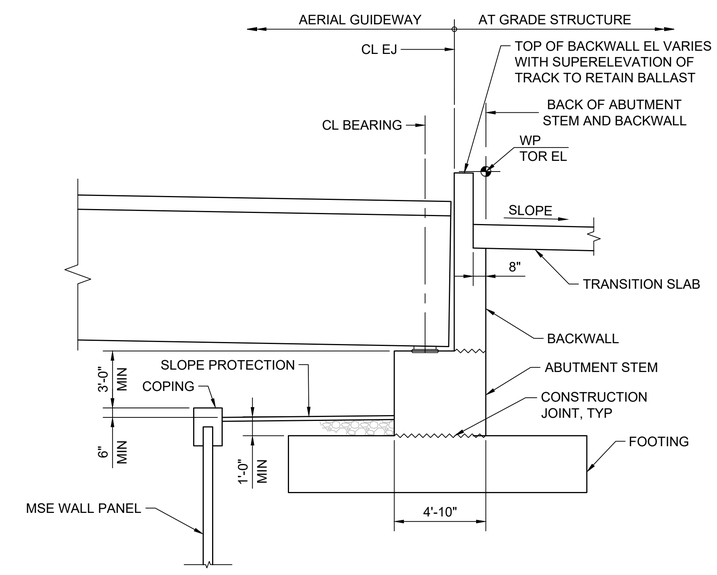
PLAN - LEAD 2 ABUTMENT

SCALE: 1/4" = 1'-0"
(SEE TYPICAL ABUTMENT FOR SIMILAR DETAILS)



ELEVATION A

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



SECTION B

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

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: J. MERTH
APPROVED BY: B. HARRIS

AHJ:

PRELIMINARY

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

PACKAGE #

SCALE:
FILENAME: OMFS-M08-SBD004
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

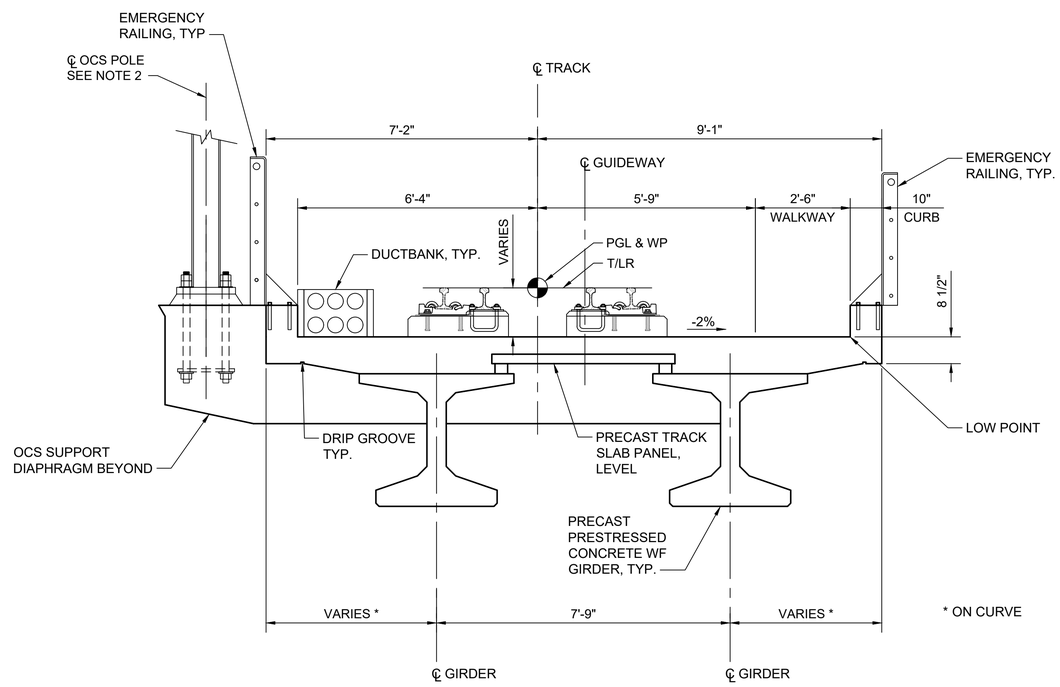
STRUCTURAL
AERIAL GUIDEWAY - SUBSTRUCTURE
TYPICAL ABUTMENT AT LEAD TRACKS

DRAWING No.: **M08-SBD004**
FACILITY ID: M08
SHEET No.:
REV:

02/23/24 | 7:11 AM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SBD004.DWG

NOTES:

1. RAIL AND PLINTH SHOWN LEVEL, VARIES WITH SUPERELEVATION
2. FOR OCS POLE LOCATION AND OFFSET, SEE SYSTEMS DRAWINGS.
3. GUIDEWAY DRAINAGE DETAILS SHOWN ARE FIGURATIVE. SEE DRAINAGE DWGS FOR MORE INFORMATION. NUMBER, SIZE, AND LOCATION OF DRAINS TO BE DETERMINED IN FINAL DESIGN.



LEAD TRACK SECTION A -

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: J. MERTH
APPROVED BY: B. HARRIS

AHJ:

PRELIMINARY

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

PACKAGE #

SCALE:
FILENAME: OMFS-M08-SGX001
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

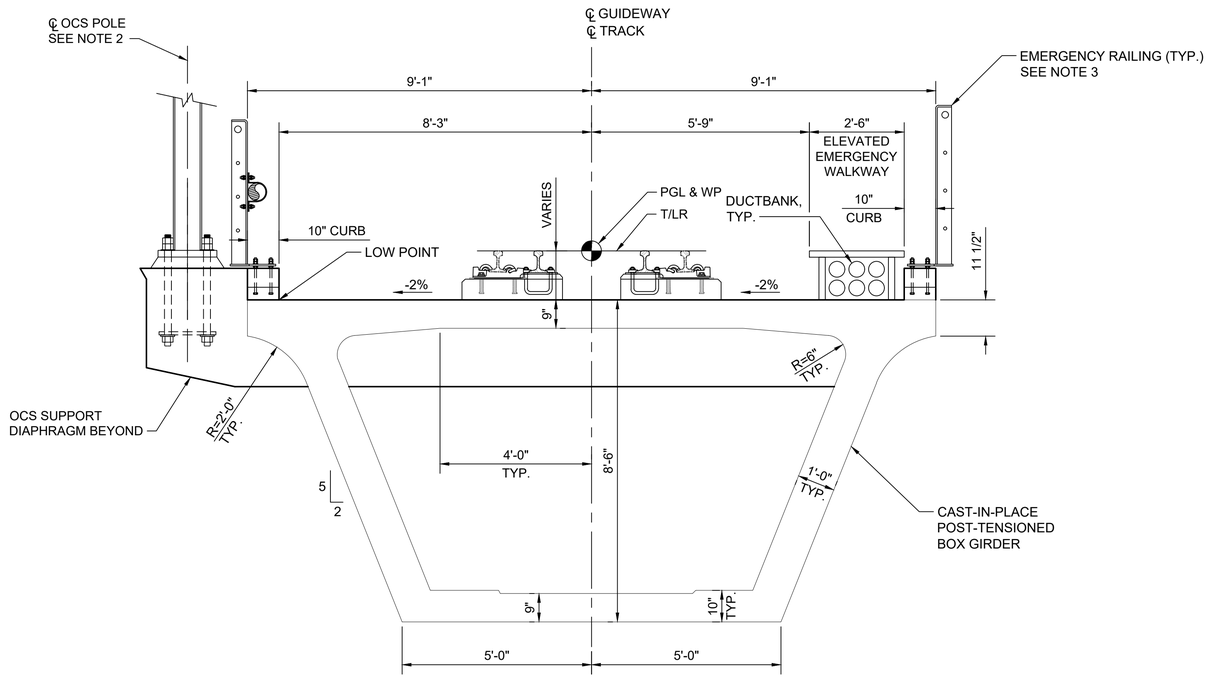
STRUCTURAL
AERIAL GUIDEWAY - SUPERSTRUCTURE
TYPICAL SINGLE TRACK SECTION AT LEAD TRACKS

DRAWING No.: M08-SGX001
FACILITY ID: M08
SHEET No.:
REV:

02/26/24 | 8:13 AM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SGX001.DWG

NOTES:

1. RAIL AND PLINTH SHOWN LEVEL, VARIES WITH SUPERELEVATION
2. FOR OCS POLE LOCATION AND OFFSET, SEE SYSTEMS DRAWINGS.
3. WHERE NOISE WALL SCHEDULE ON DRAWINGS STD-SWS001 INDICATES AN ACOUSTIC BARRIER, SEE SOUND TRANSIT CIVIL / STRUCTURAL DIRECTIVE DRAWINGS FOR ACOUSTIC BARRIER DETAILS.
4. GUIDEWAY DRAINAGE DETAILS SHOWN ARE FIGURATIVE. SEE DRAINAGE DWGS FOR MORE INFORMATION. NUMBER, SIZE, AND LOCATION OF DRAINS TO BE DETERMINED IN FINAL DESIGN.



LEAD TRACK 1 SECTION A -

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. HARRIS
DRAWN BY: A. VALENCIA
CHECKED BY: J. MERTH
APPROVED BY: B. HARRIS

AHJ:

PRELIMINARY

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

PACKAGE #

SCALE:
FILENAME: OMFS-M08-SGX002
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
AERIAL GUIDEWAY - SUPERSTRUCTURE
SINGLE TRACK BOX GIRDER SECTION AT LEAD 1

DRAWING No.: **M08-SGX002**
FACILITY ID: M08
SHEET No.:
REV:

02/26/24 | 8:14 AM | VALENALV
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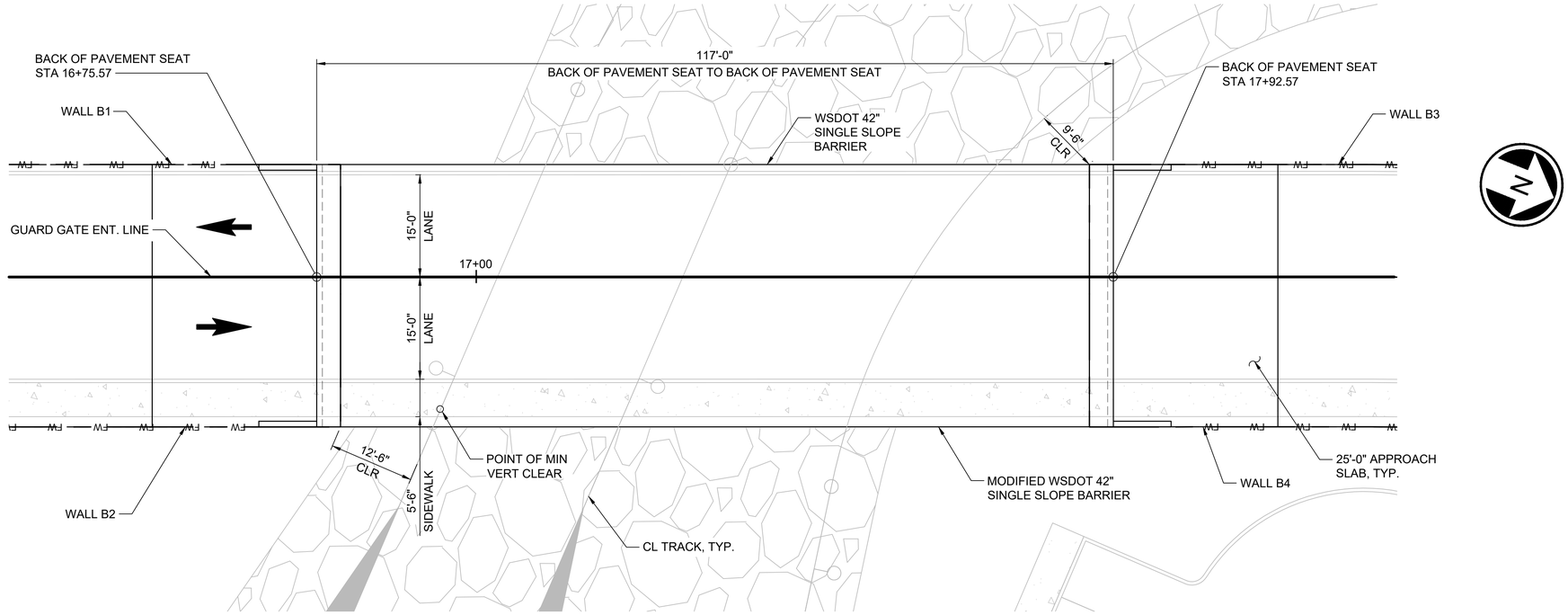
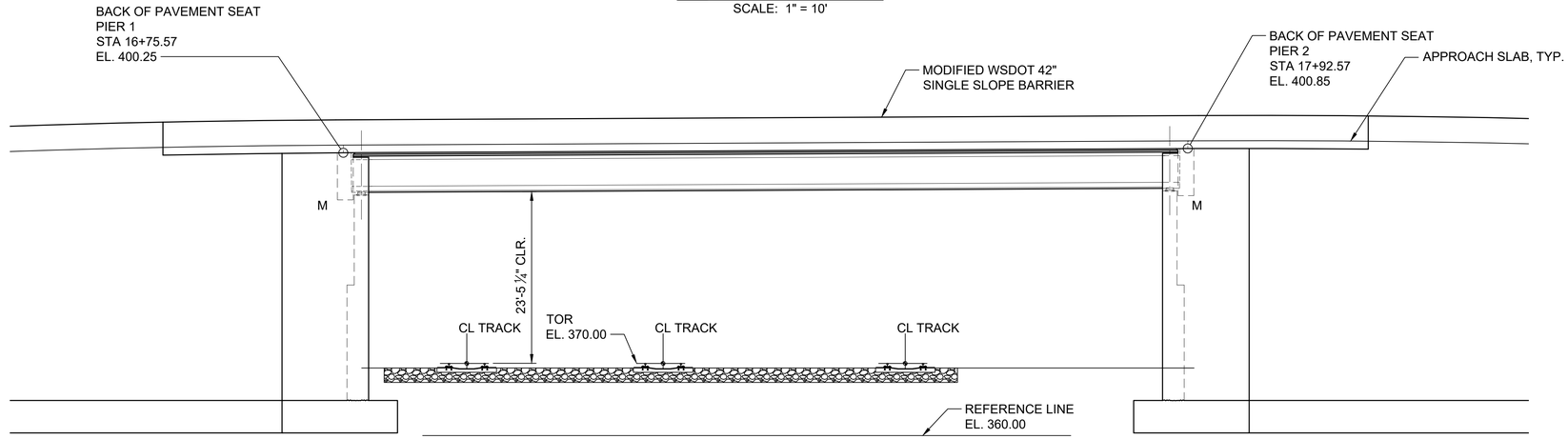


PLAN

SCALE: 1" = 10'



PC GIRDERS (WF66G)

LOADING: HL-93

ELEVATION

SCALE: 1" = 10'

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

AHJ:

PACKAGE #

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: J. LU
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

PRELIMINARY

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SCALE:
FILENAME: OMFS-M08-SEP201
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
SITE VEHICULAR BRIDGE
PLAN AND ELEVATION

DRAWING No.: **M08-SEP201**
FACILITY ID: M08
SHEET No.:
REV:

02/26/24 | 8:23 AM | VALENALV
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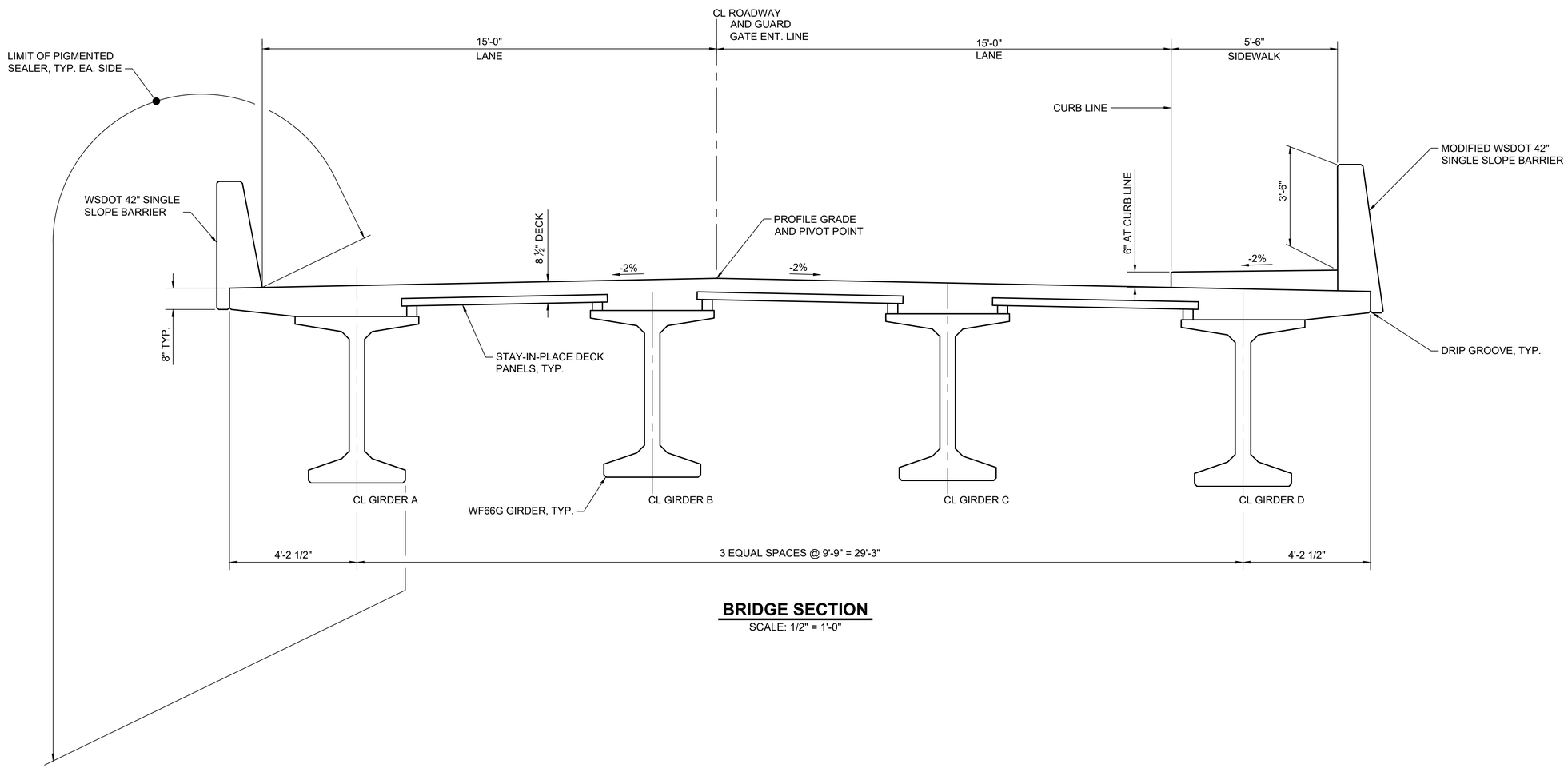


BRIDGE SECTION
SCALE: 1/2" = 1'-0"

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

AHJ:

PACKAGE #

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: J. LU
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

PRELIMINARY — BRANDY ROGERS — STATE OF WASHINGTON — 45420 — REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

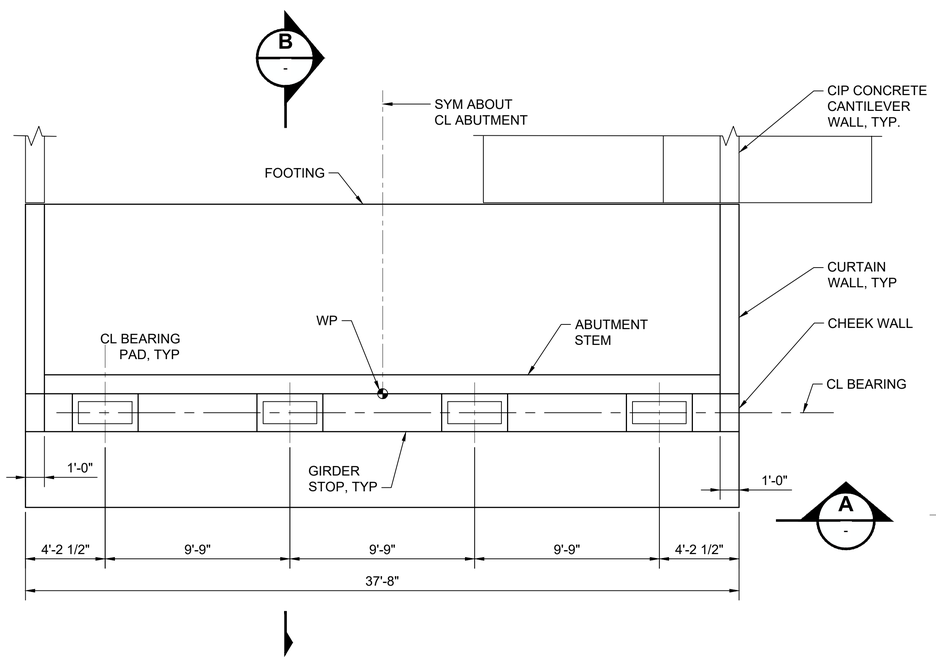
SCALE:
FILENAME: OMFS-M08-SEY201
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

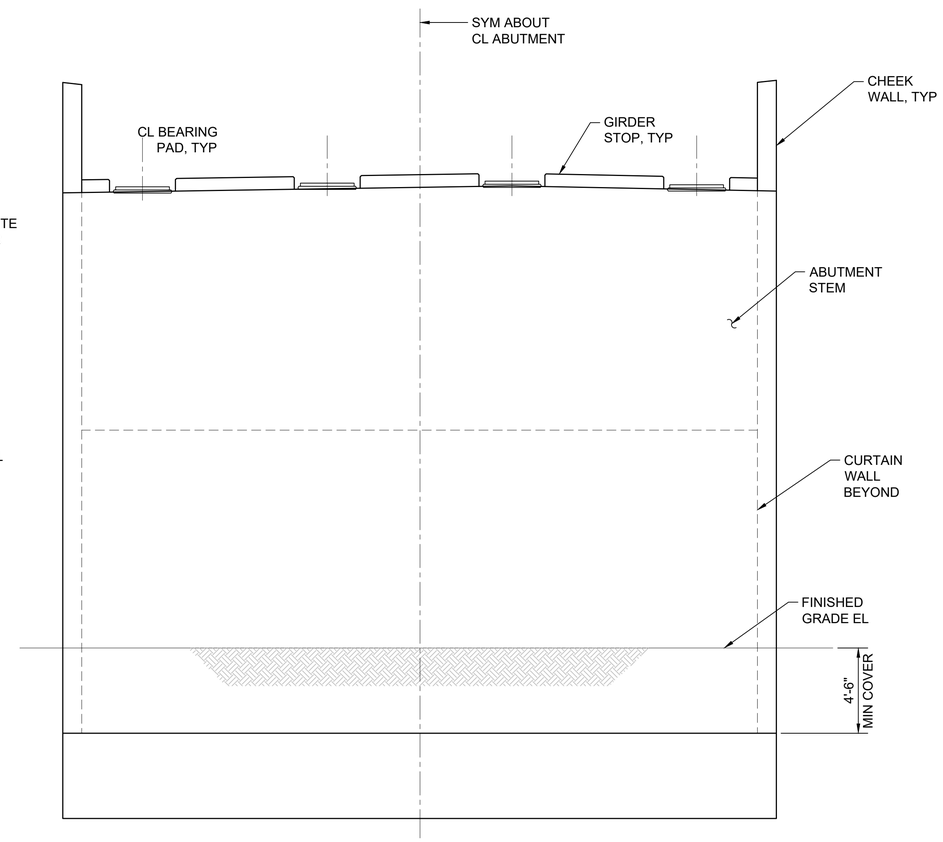
STRUCTURAL
SITE VEHICULAR BRIDGE
TYPICAL SECTION

DRAWING No.: **M08-SEY201**
FACILITY ID: M08
SHEET No.:
REV:

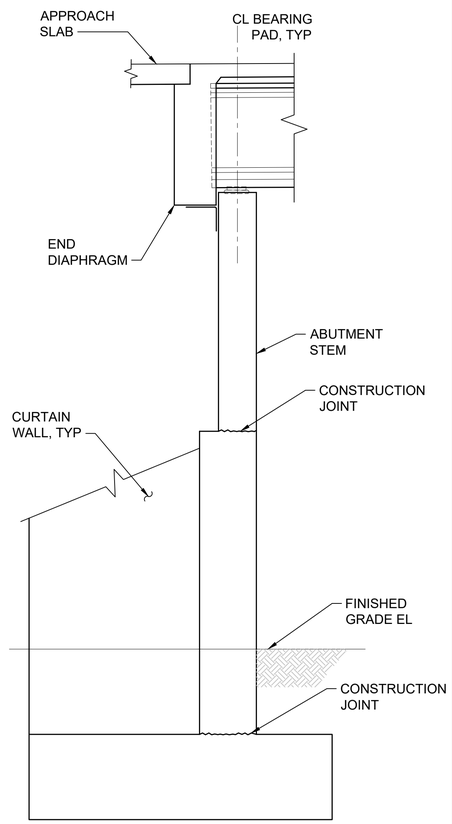
02/26/24 | 8:24 AM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SEY201.DWG



PLAN - TYPICAL ABUTMENT
SCALE: 1/4" = 1'-0"



ELEVATION A -
SCALE: 1/4" = 1'-0"



SECTION B -
SCALE: 1/4" = 1'-0"

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

AHJ:

PRELIMINARY — BRANDY ROGERS, STATE OF WASHINGTON, 53420, REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

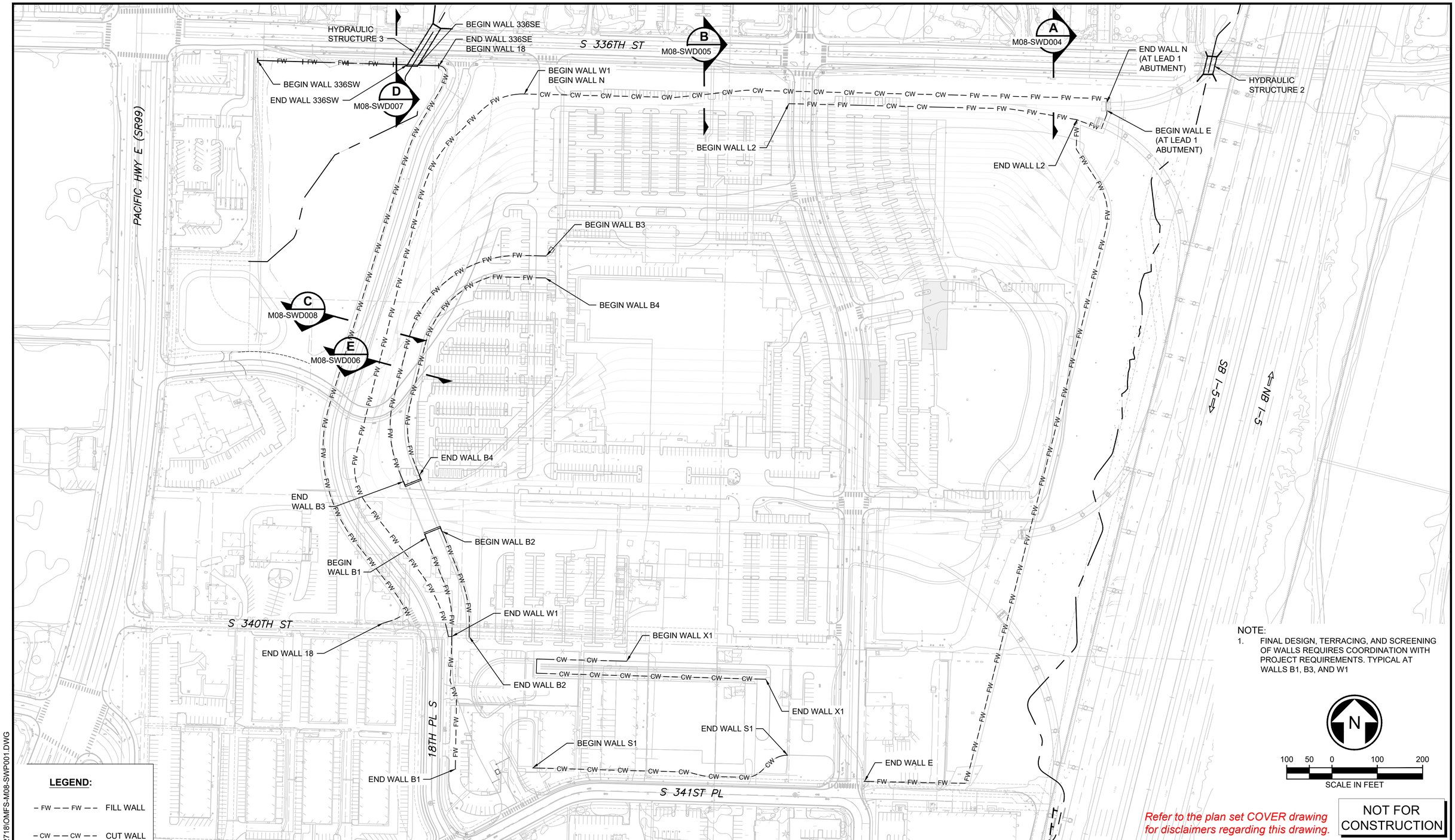
PACKAGE #
SCALE:
FILENAME: OMFS-M08-SED201
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
SITE VEHICULAR BRIDGE
TYPICAL ABUTMENT

DRAWING No.: M08-SED201
FACILITY ID: M08
SHEET No.:
REV:

02/23/24 | 8:38 AM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SED201.DWG



02/23/24 | 8:52 AM | VALENALV
C:\PW\WORKING\WEST01\D2772718\OMFS-M08-SWP001.DWG

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

AHJ:

PRELIMINARY
BRANDY ROGERS 49420 STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUND TRANSIT

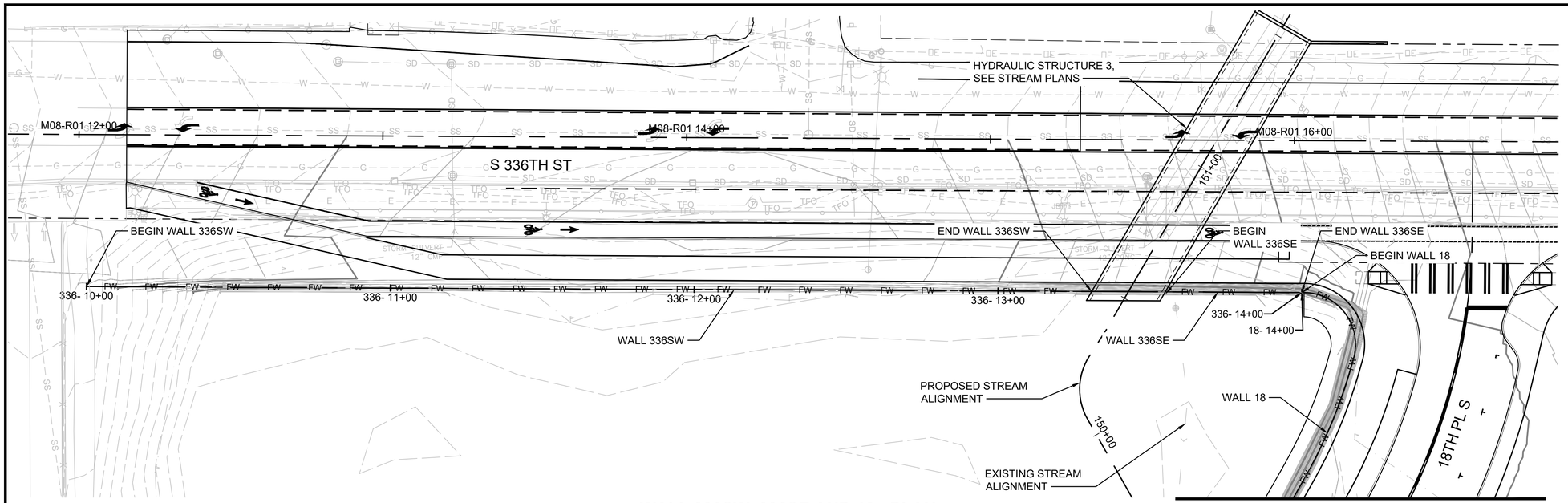
PACKAGE #

SCALE:
FILENAME: OMFS-M08-SWP001
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
SITE WALL KEY PLAN

DRAWING No.: **M08-SWP001**
FACILITY ID: M08
SHEET No.: REV:



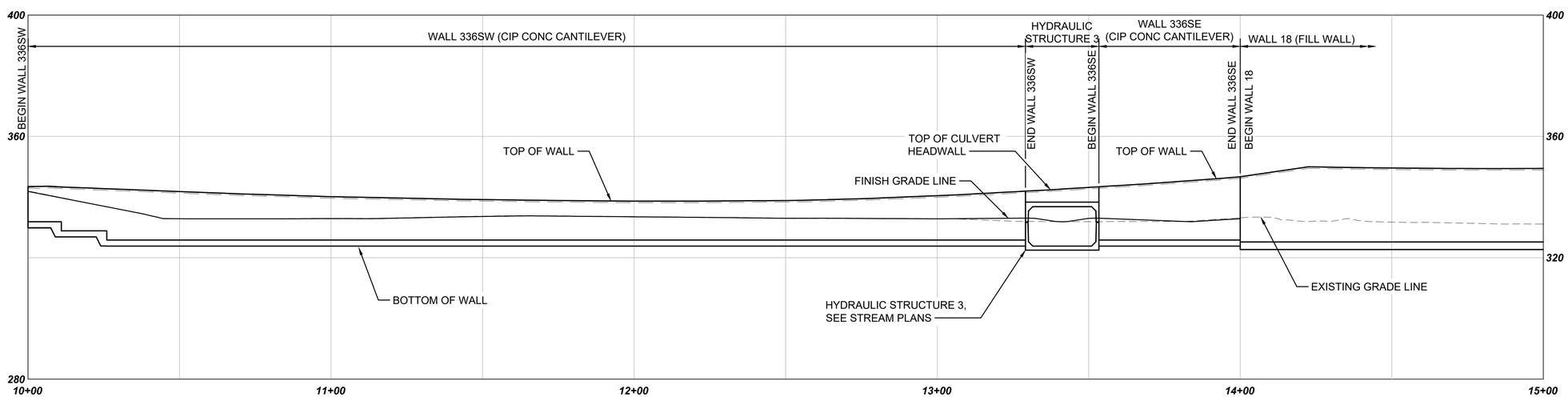
WALL 336SW, 336SE AND 18 - PLAN

SCALE: 1" = 20'

MATCHLINE: STA 18-15+00
SEE DWG M08-SWP102

GENERAL NOTES:

1. BOTTOM OF WALL ELEVATION TBD, PENDING SCOUR ANALYSIS.
2. FALL PRTOECTION (OR TRAFFIC BARRIER WHERE REQUIRED) NOT SHOWN.



WALL 336SW, 336SE AND 18 - PROFILE

SCALE: H: 1"=20', V: 1"=20'

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

AHJ:

PACKAGE #

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

PRELIMINARY — BRANDY ROGERS, STATE OF WASHINGTON, 45420, REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: H: 1"=20'; V: 1"=20'
FILENAME: OMFS-M08-SWP101
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH
STRUCTURAL
ROADWAY WALLS 336SW, 336SE & 18 PLAN AND PROFILE
STA 336-10+00 TO STA 18- 15+00

DRAWING No.: **M08-SWP101**
FACILITY ID: M08
SHEET No.:
REV:

02/23/24 | 10:46 AM | VALENALV
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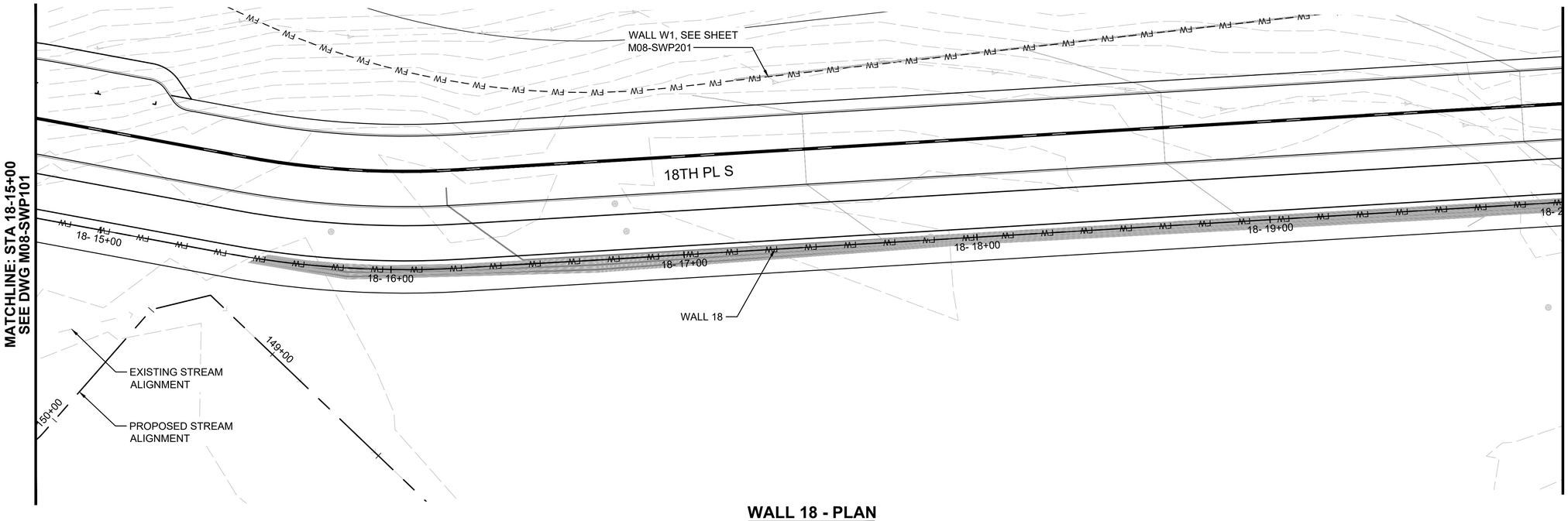


GENERAL NOTES:

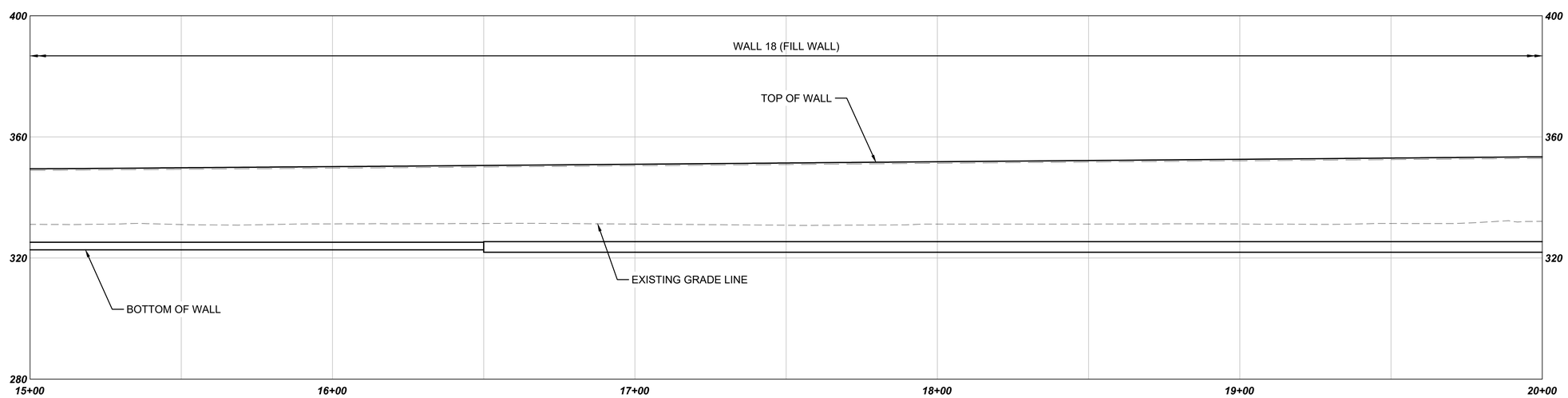
1. BOTTOM OF WALL ELEVATION TBD, PENDING SCOUR ANALYSIS.
2. TRAFFIC BARRIER ON WALL NOT SHOWN.
3. TIERED LANDSCAPING WALLS AT WALL W1, UNDER EVALUATION, TBD.

WALL 18 - PLAN

SCALE: 1" = 20'

HORIZ: 20 10 0 20 40

SCALE IN FEET



WALL 18 - PROFILE

SCALE: H: 1" = 20', V: 1"=20'

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

AHJ:

PRELIMINARY

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SCALE: H: 1"=20'; V: 1"=20'
FILENAME: OMFS-M08-SWP101
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

PACKAGE #

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
ROADWAY WALL 18 PLAN AND PROFILE
STA 18-15+00 TO STA 18- 20+00

DRAWING No.: **M08-SWP102**
FACILITY ID: M08
SHEET No.:
REV:

02/23/24 | 10:49 AM | VALENALV
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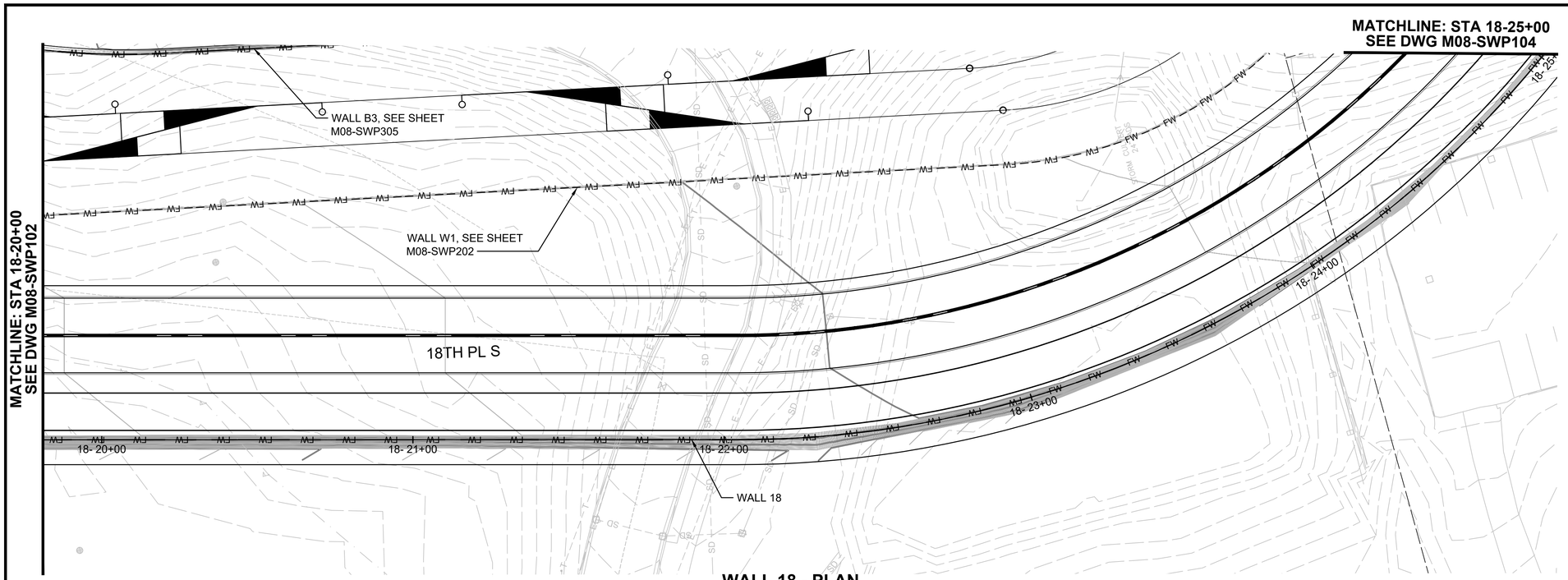


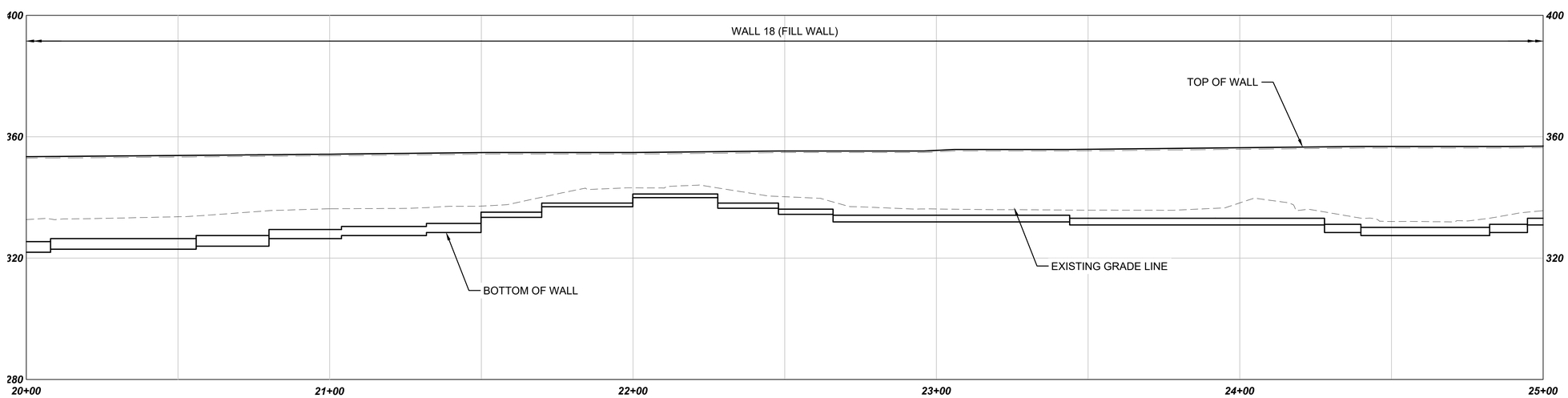
WALL 18 - PLAN

SCALE: 1" = 20'

GENERAL NOTES:

1. TRAFFIC BARRIER ON WALL NOT SHOWN.
2. TIERED LANDSCAPING WALLS AT WALLS B3 AND W1, UNDER EVALUATION, TBD.

HORIZ: 20 10 0 20 40
SCALE IN FEET



WALL 18 - PROFILE

SCALE: H: 1" = 20', V: 1"=20'

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

AHJ:

PACKAGE #

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

PRELIMINARY — BRANDY ROGERS, STATE OF WASHINGTON, 45420, REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER | DATE: 2/27/2024 | REVIEWED BY: | DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: H: 1"=20'; V: 1"=20'
FILENAME: OMFS-M08-SWP101
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

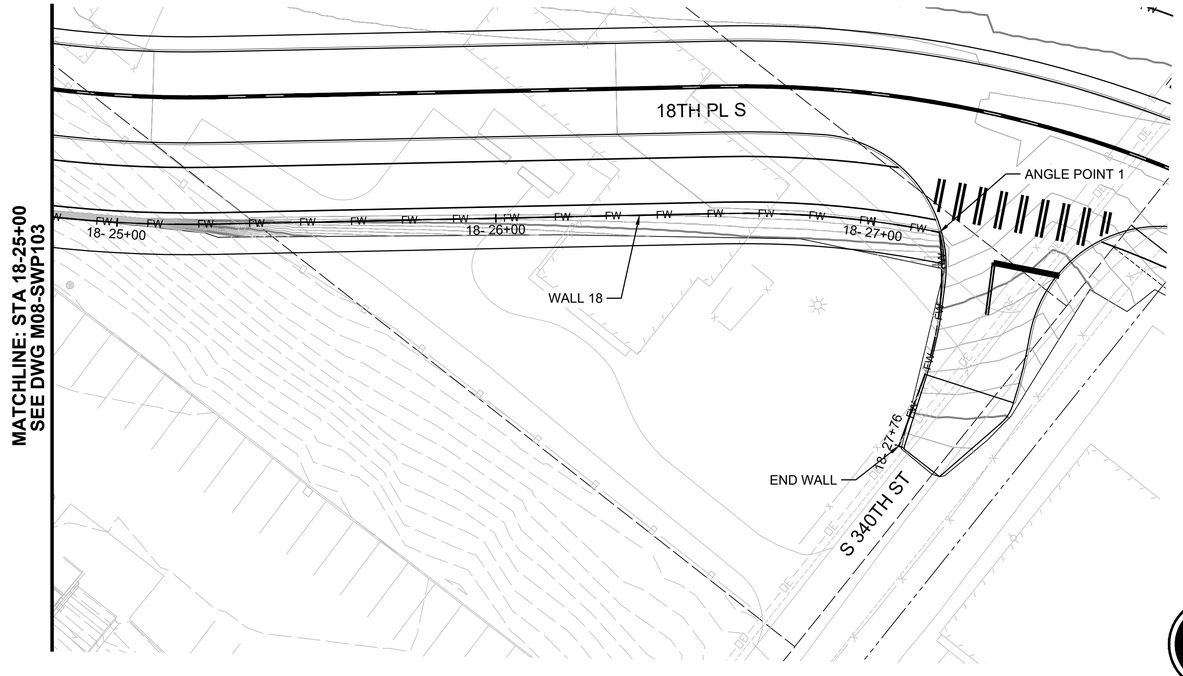
STRUCTURAL
ROADWAY WALL 18 PLAN AND PROFILE
STA 18-20+00 TO STA 18- 25+00

DRAWING No.: **M08-SWP103**
FACILITY ID: M08
SHEET No.: REV:

02/23/24 | 10:54 AM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SWP101.DWG

GENERAL NOTES:

1. TRAFFIC BARRIER ON WALL NOT SHOWN.

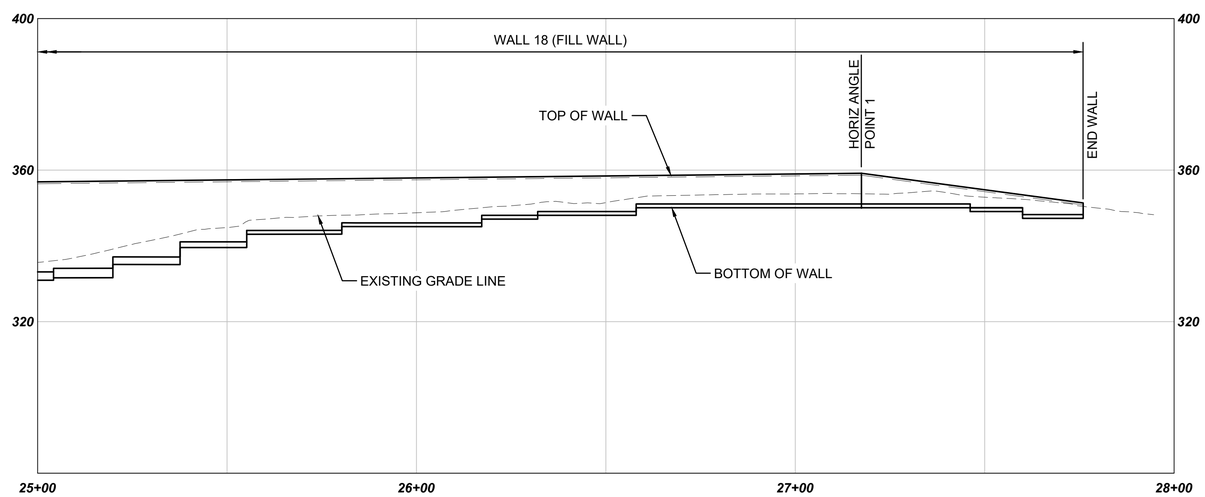


WALL 18 - PLAN

SCALE: 1" = 20'

HORIZ: 20 10 0 20 40

SCALE IN FEET



WALL 18 - PROFILE

SCALE: H: 1" = 20', V: 1"=20'

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

PRELIMINARY — BRANDY ROGERS, STATE OF WASHINGTON, 45420, REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

AHJ:

PACKAGE #

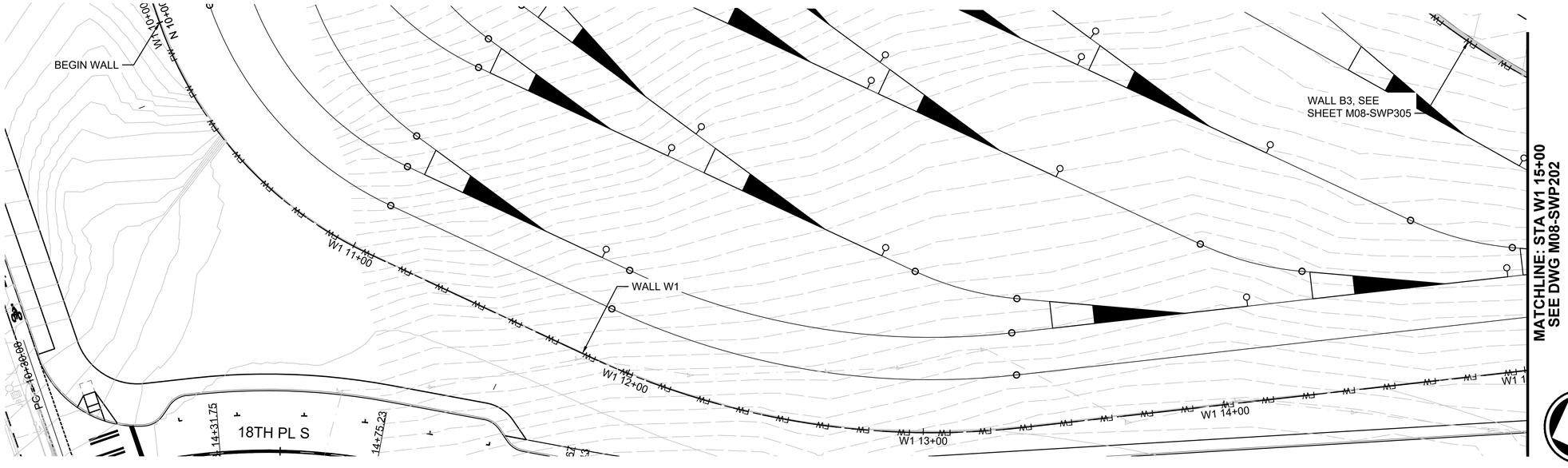
SCALE: H: 1"=20'; V: 1"=20'
FILENAME: OMFS-M08-SWP101
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
ROADWAY WALL 18 PLAN AND PROFILE
STA 18-25+00 TO STA 18- 28+00

DRAWING No.: **M08-SWP104**
FACILITY ID: M08
SHEET No.:
REV:

02/23/24 | 10:56 AM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SWP101.DWG



GENERAL NOTE:

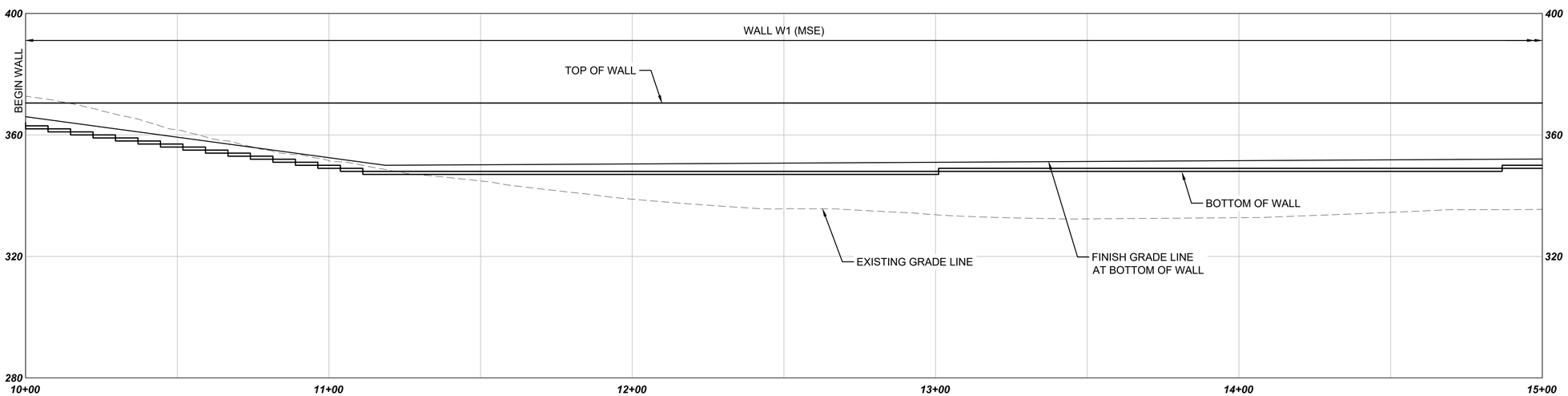
1. FALL PROTECTION RAILING NOT SHOWN. SEE SHEET M08-SWD001 FOR DETAILS.
2. TIERED LANDSCAPING WALLS AT WALLS W1 AND B3, UNDER EVALUATION, TBD.

WALL W1 - PLAN

SCALE: 1" = 20'

HORIZ: 20 10 0 20 40

SCALE IN FEET



WALL W1 - PROFILE

SCALE: H: 1" = 20', V: 1"=20'

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

AHJ:

PACKAGE #

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

PRELIMINARY — BRANDY ROGERS, STATE OF WASHINGTON, 45420, REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

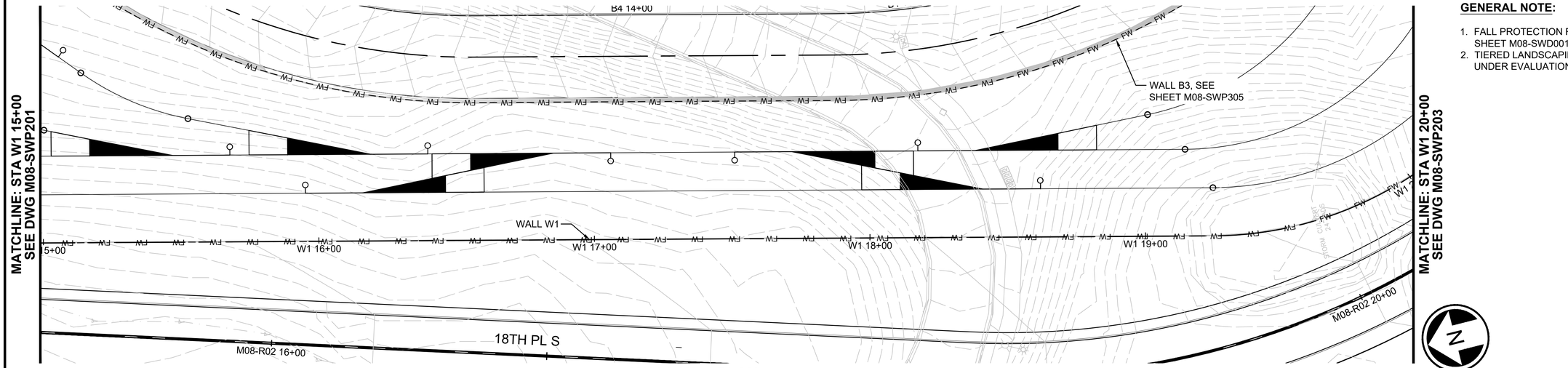
SCALE: H: 1"=20'; V: 1"=20'
FILENAME: OMFS-M08-SWP201
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
SITE WALL W1 PLAN AND PROFILE
STA W1 10+00 TO STA W1 15+00

DRAWING No.: **M08-SWP201**
FACILITY ID: M08
SHEET No.:
REV:

02/23/24 | 1:33 PM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SWP201.DWG

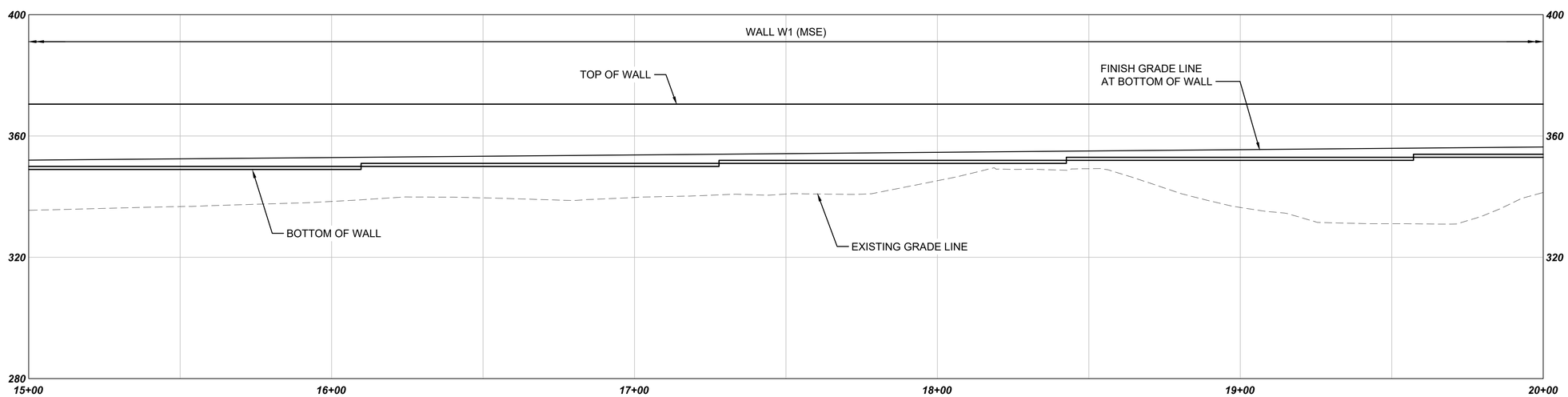


WALL W1 - PLAN

SCALE: 1" = 20'

GENERAL NOTE:

1. FALL PROTECTION RAILING NOT SHOWN. SEE SHEET M08-SWD001 FOR DETAILS.
2. TIERED LANDSCAPING WALLS AT WALLS W1 AND B3, UNDER EVALUATION, TBD.



WALL W1 - PROFILE

SCALE: H: 1" = 20', V: 1"=20'

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

AHJ:

PACKAGE #

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

PRELIMINARY — BRANDY ROGERS, STATE OF WASHINGTON, 45420, REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUND TRANSIT

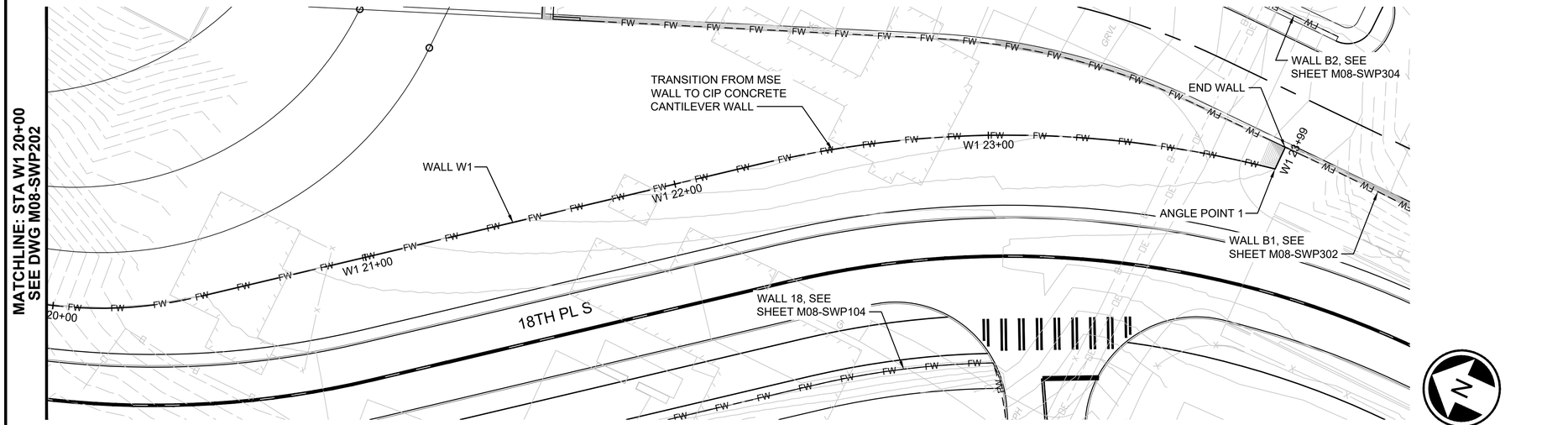
SCALE: H: 1"=20'; V: 1"=20'
FILENAME: OMFS-M08-SWP201
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
SITE WALL W1 PLAN AND PROFILE
STA W1 15+00 TO STA W1 20+00

DRAWING No.: **M08-SWP202**
FACILITY ID: M08
SHEET No.:
REV:

02/23/24 | 1:35 PM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SWP201.DWG



WALL W1 - PLAN

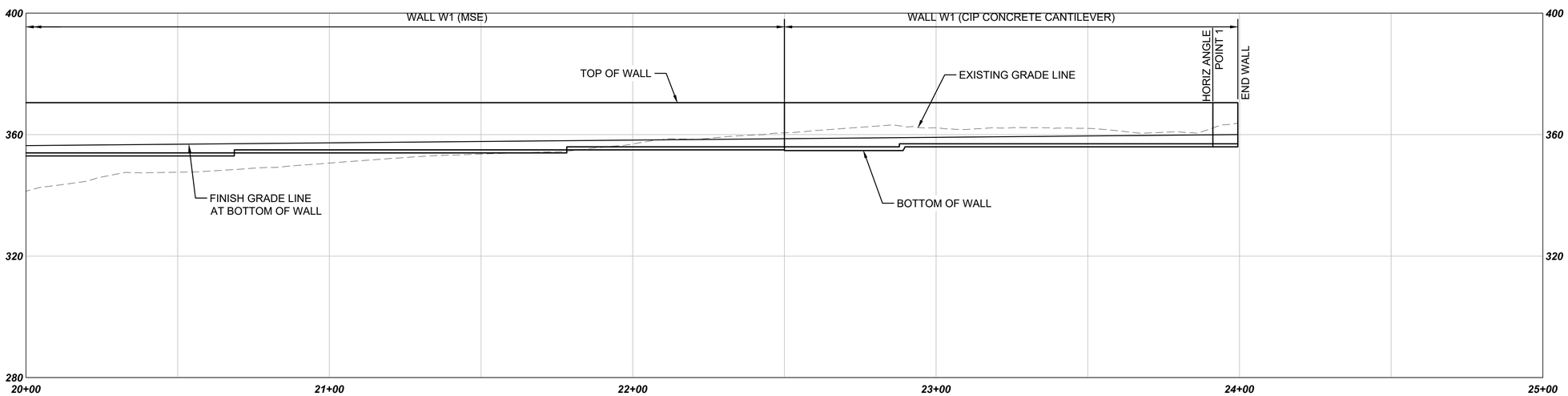
SCALE: 1" = 20'

HORIZ: 20 10 0 20 40

SCALE IN FEET

GENERAL NOTE:

1. FALL PROTECTION RAILING NOT SHOWN. SEE SHEET M08-SWD001 FOR DETAILS.
2. TIERED LANDSCAPING WALLS AT WALLS W1 AND B1, UNDER EVALUATION, TBD.



WALL W1 - PROFILE

SCALE: H: 1" = 20', V: 1"=20'

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

AHJ:

PACKAGE #

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

PRELIMINARY — BRANDY ROGERS, STATE OF WASHINGTON, 45420, REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: H: 1"=20'; V: 1"=20'
FILENAME: OMFS-M08-SWP201
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

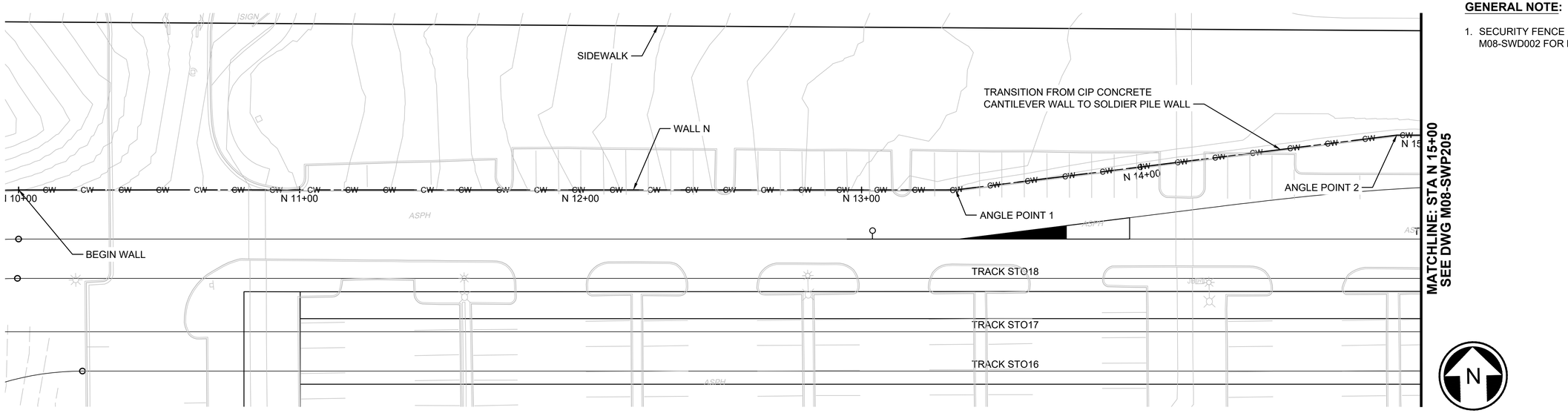
STRUCTURAL
SITE WALL W1 PLAN AND PROFILE
STA W1 20+00 TO STA W1 23+99

DRAWING No.: **M08-SWP203**
FACILITY ID: M08
SHEET No.:
REV:

02/26/24 | 10:18 AM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SWP201.DWG

GENERAL NOTE:

1. SECURITY FENCE NOT SHOWN. SEE SHEET M08-SWD002 FOR DETAILS.

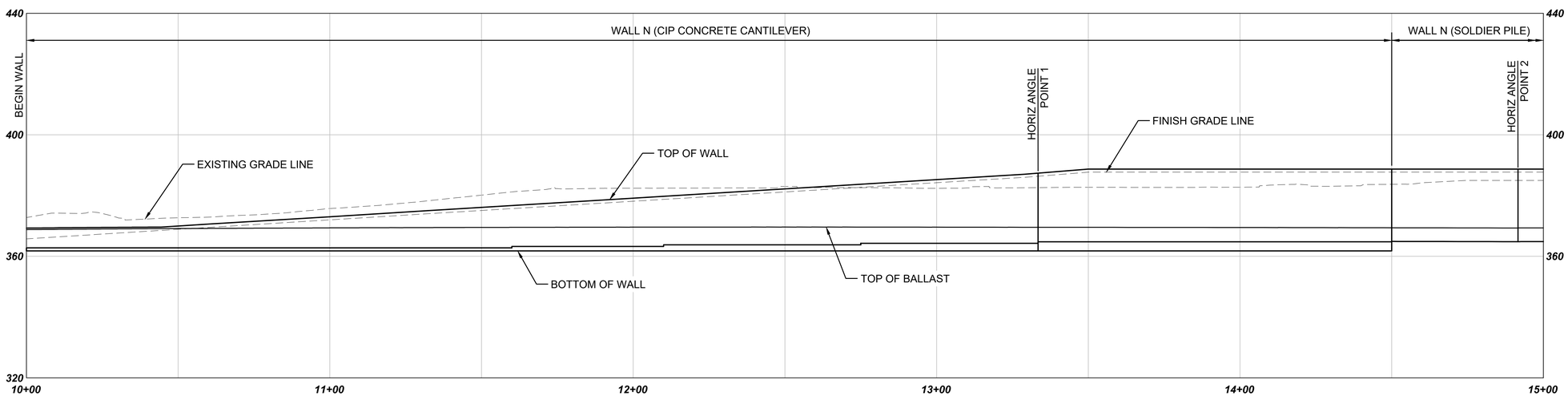


WALL N - PLAN

SCALE: 1" = 20'

HORIZ: 20 10 0 20 40

SCALE IN FEET



WALL N - PROFILE

SCALE: H: 1" = 20', V: 1"=20'

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

AHJ:

PRELIMINARY — BRANDY ROGERS, STATE OF WASHINGTON, 45420, REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

PACKAGE #

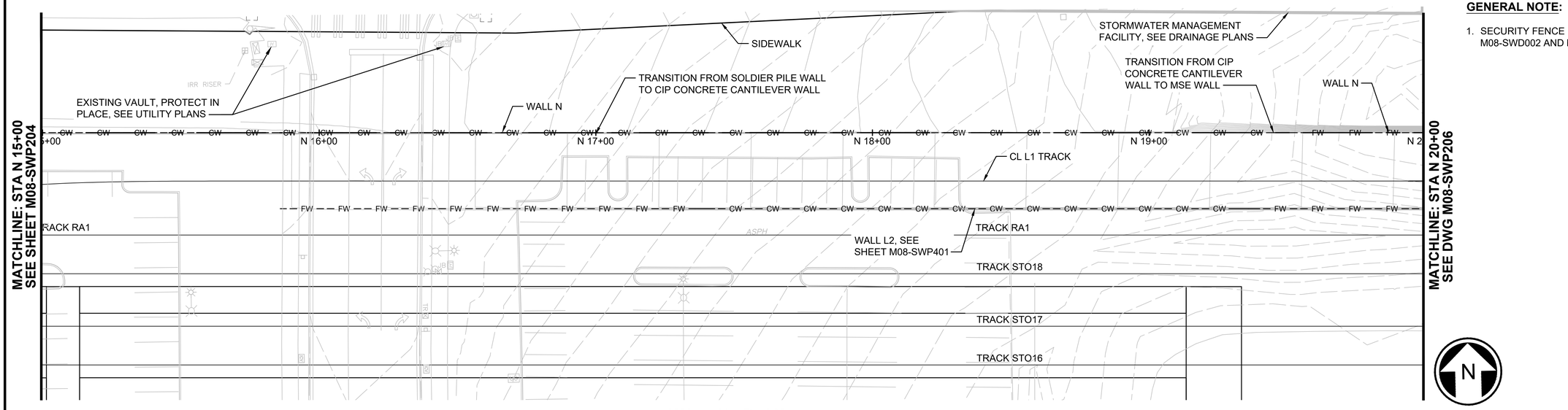
SCALE: H: 1"=20'; V: 1"=20'
FILENAME: OMFS-M08-SWP201
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
SITE WALL N PLAN AND PROFILE
STA N 10+00 TO STA N 15+00

DRAWING No.: **M08-SWP204**
FACILITY ID: M08
SHEET No.:
REV:

02/23/24 | 1:42 PM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SWP201.DWG



WALL N - PLAN

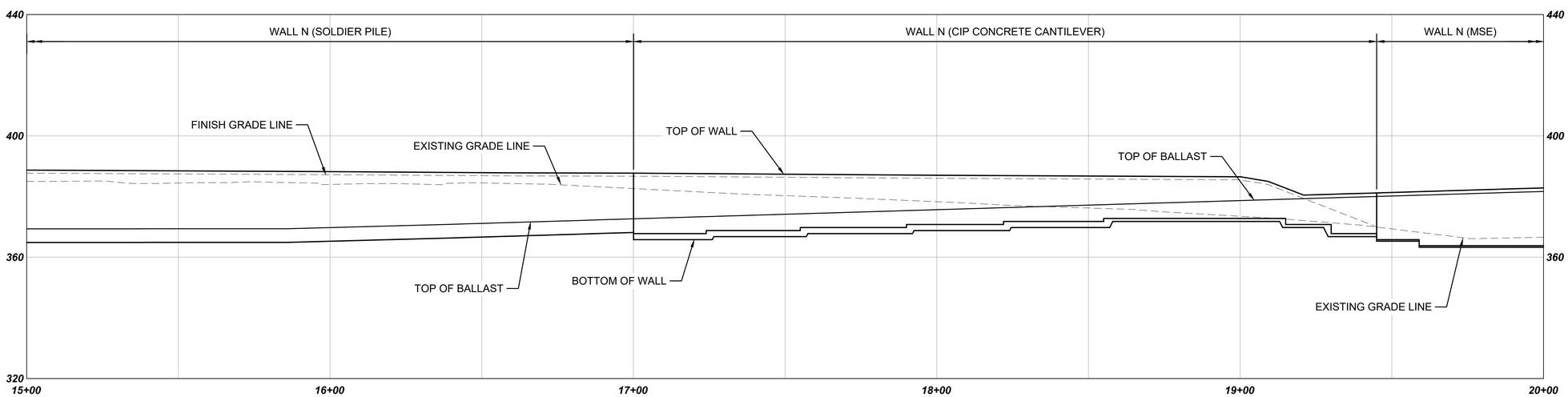
SCALE: 1" = 20'

HORIZ: 20 10 0 20 40

SCALE IN FEET

GENERAL NOTE:

1. SECURITY FENCE NOT SHOWN. SEE SHEETS M08-SWD002 AND M08-SWD003 FOR DETAILS.



WALL N - PROFILE

SCALE: H: 1" = 20', V: 1"=20'

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

AHJ:

PRELIMINARY — BRANDY ROGERS, STATE OF WASHINGTON, 45420, REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

PACKAGE #

SCALE: H: 1"=20'; V: 1"=20'
FILENAME: OMFS-M08-SWP201
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

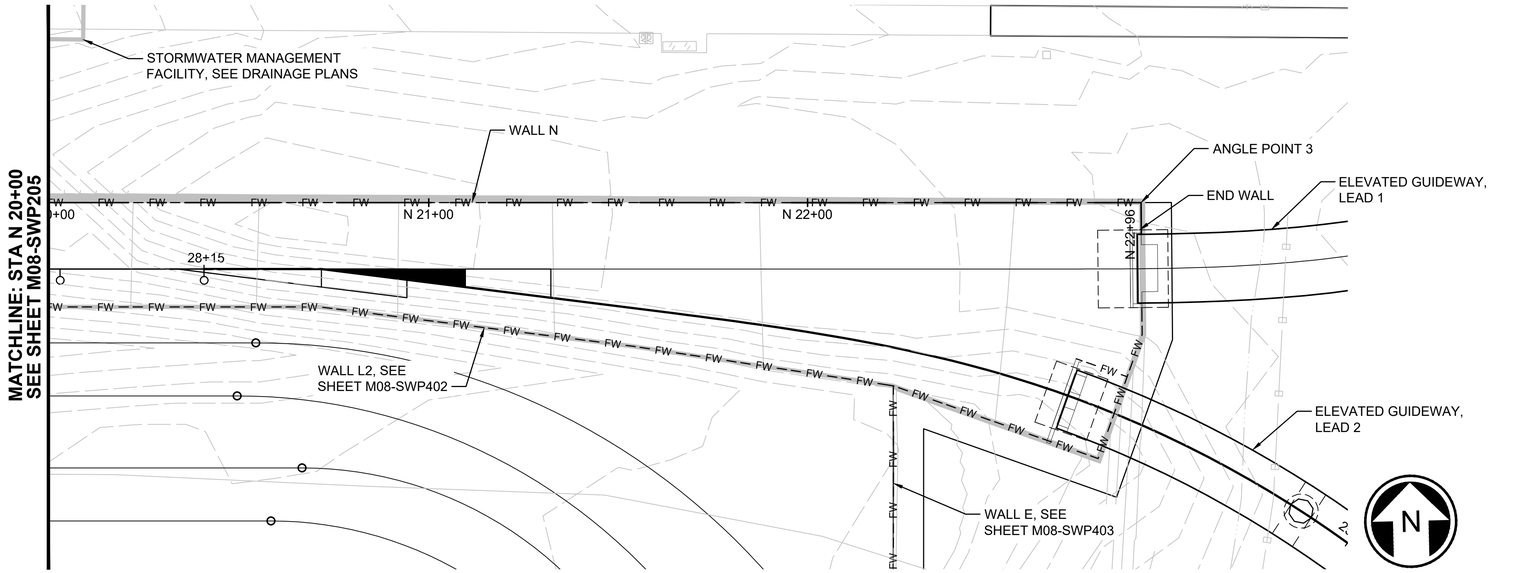
STRUCTURAL
SITE WALL N PLAN AND PROFILE
STA N 15+00 TO STA N 20+00

DRAWING No.: **M08-SWP205**
FACILITY ID: M08
SHEET No.:
REV:

02/26/24 | 7:50 AM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SWP201.DWG

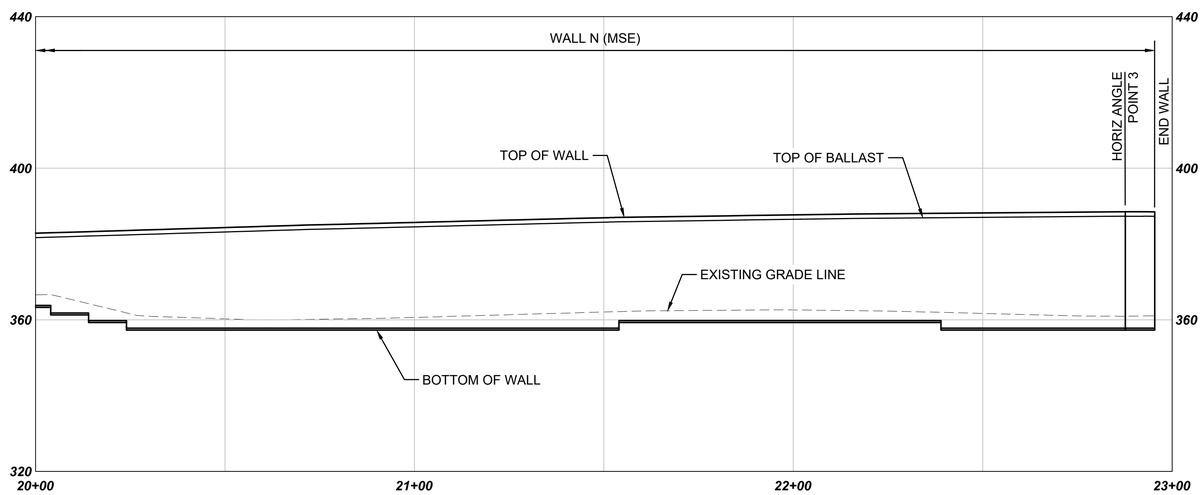
GENERAL NOTE:

1. FALL PROTECTION RAILING NOT SHOWN. SEE SHEET M08-SWD001 FOR DETAILS.



WALL N - PLAN

SCALE: 1" = 20'



WALL N - PROFILE

SCALE: H: 1" = 20', V: 1"=20'

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

AHJ:

PRELIMINARY — BRANDY ROGERS, STATE OF WASHINGTON, 45420, REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

PACKAGE #

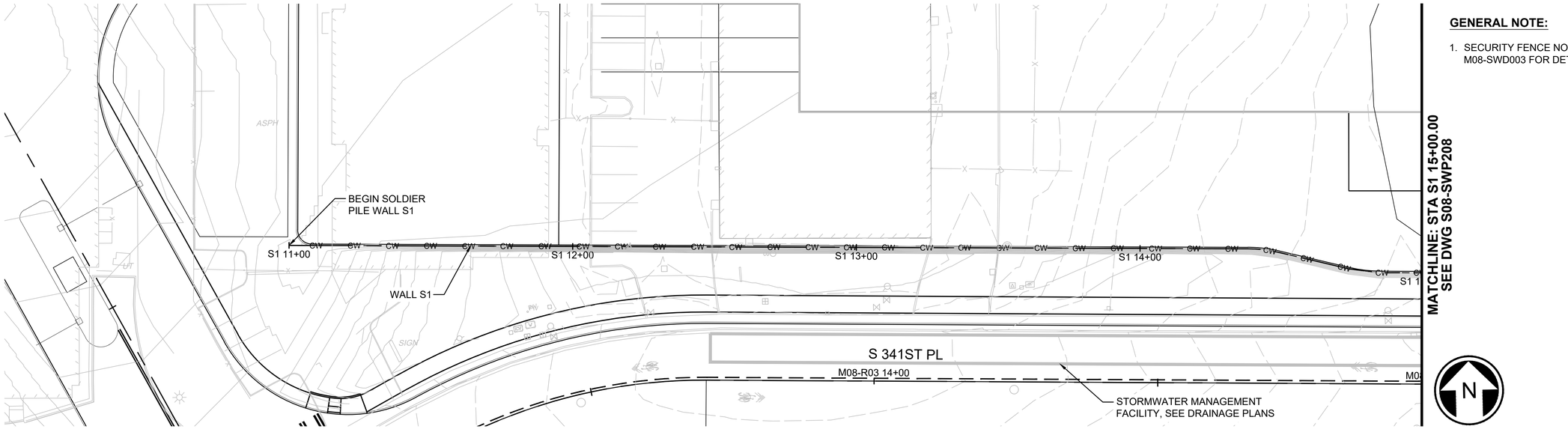
SCALE: H: 1"=20'; V: 1"=20'
FILENAME: OMFS-M08-SWP201
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
SITE WALL N PLAN AND PROFILE
STA N 20+00 TO STA N 22+96

DRAWING No.: **M08-SWP206**
FACILITY ID: M08
SHEET No.:
REV:

02/23/24 | 2:10 PM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SWP201.DWG



GENERAL NOTE:

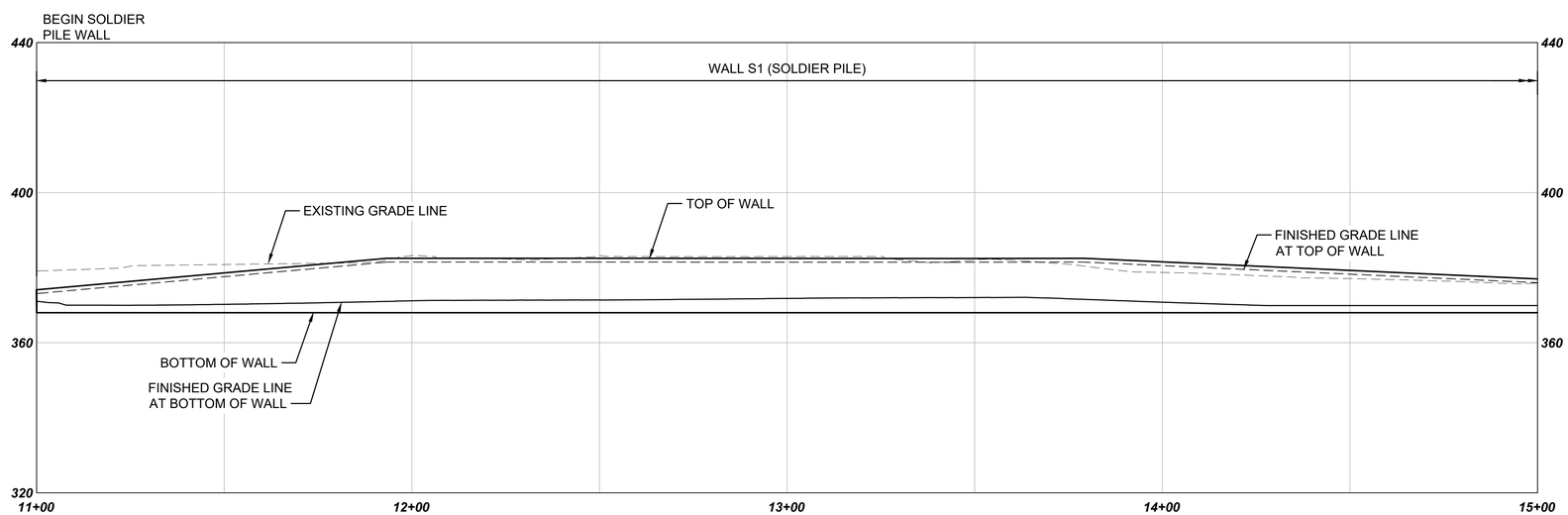
1. SECURITY FENCE NOT SHOWN. SEE SHEET M08-SWD003 FOR DETAILS.

WALL S1 - PLAN

SCALE: 1" = 20'

HORIZ: 20 10 0 20 40

SCALE IN FEET



WALL S1 - PROFILE

SCALE: H: 1" = 20', V: 1"=20'

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

AHJ:

PRELIMINARY — BRANDY ROGERS, STATE OF WASHINGTON, 45420, REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

PACKAGE #

SCALE: H: 1"=20'; V: 1"=20'
FILENAME: OMFS-M08-SWP201
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

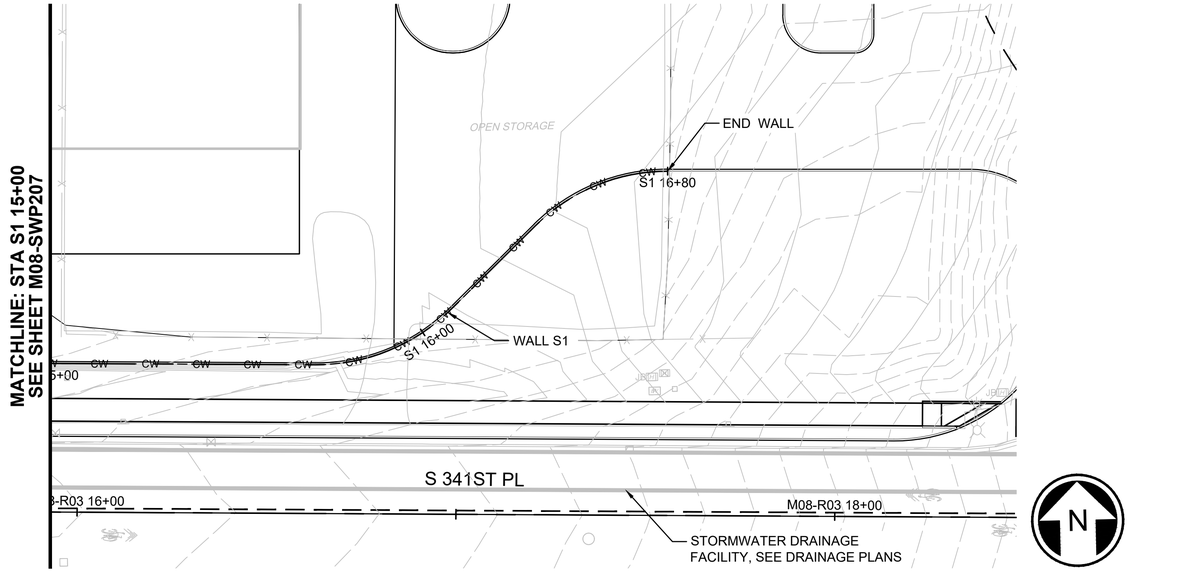
STRUCTURAL
SITE WALL S1 PLAN AND PROFILE
STA S1 11+00 TO STA S1 15+00

DRAWING No.: **M08-SWP207**
FACILITY ID: M08
SHEET No.:
REV:

02/26/24 | 3:10 PM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SWP201.DWG

GENERAL NOTE:

1. SECURITY FENCE NOT SHOWN. SEE SHEET M08-SWD003 FOR DETAILS.

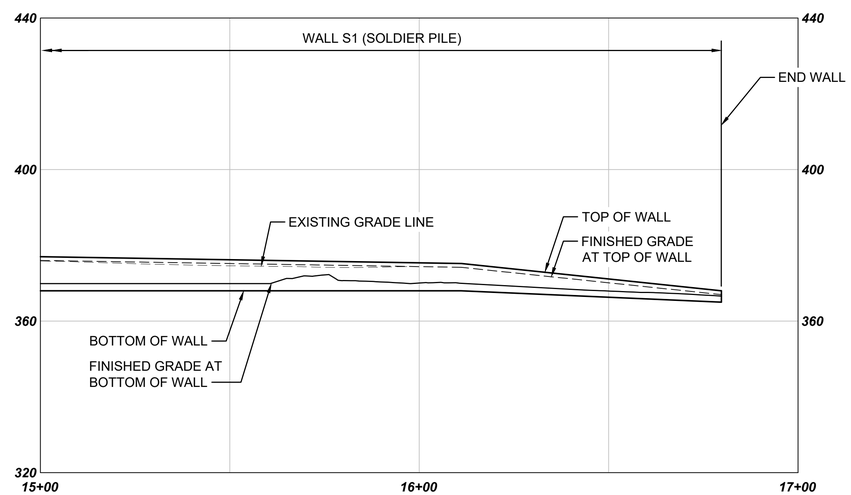


WALL S1 - PLAN

SCALE: 1" = 20'

HORIZ: 20 10 0 20 40

SCALE IN FEET



WALL S1 - PROFILE

SCALE: H: 1" = 20', V: 1"=20'

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

AHJ:

PRELIMINARY — BRANDY ROGERS, STATE OF WASHINGTON, 45420, REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

PACKAGE #

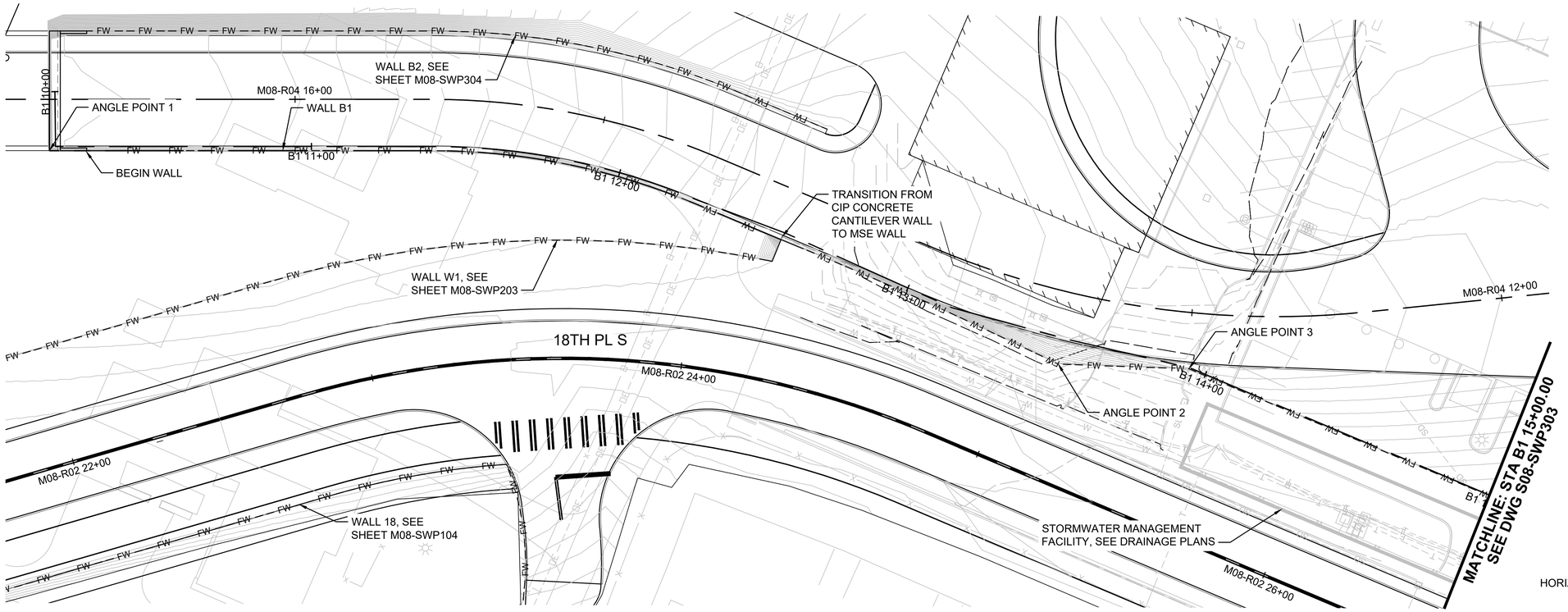
SCALE: H: 1"=20'; V: 1"=20'
FILENAME: OMFS-M08-SWP201
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
SITE WALL S1 PLAN AND PROFILE
STA S1 15+00 TO STA S1 16+80

DRAWING No.: **M08-SWP208**
FACILITY ID: M08
SHEET No.:
REV:

02/26/24 | 3:13 PM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SWP201.DWG

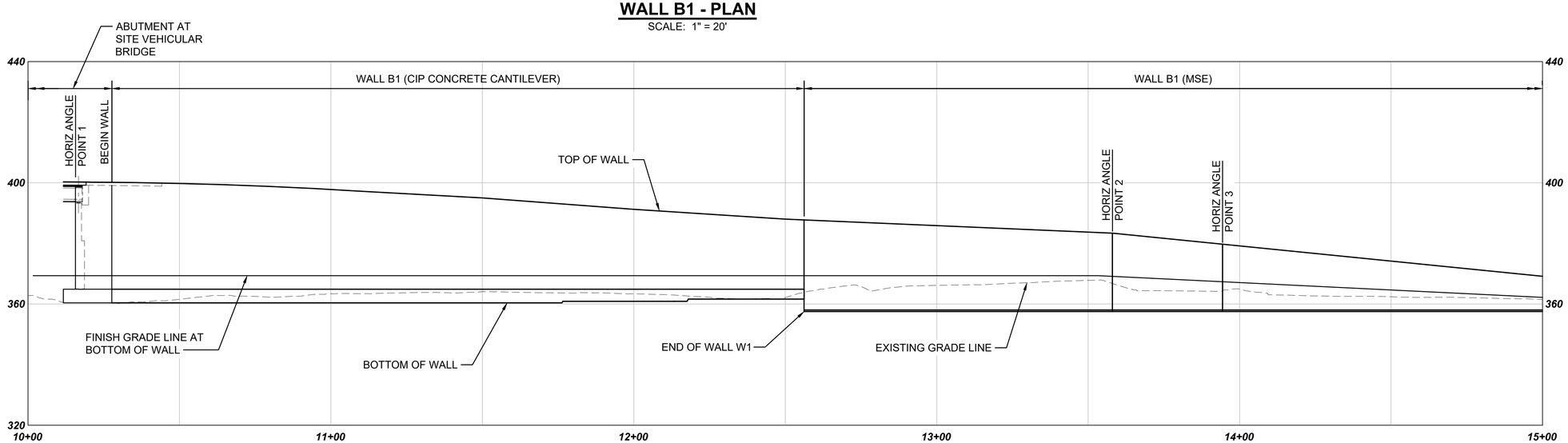


WALL B1 - PLAN

SCALE: 1" = 20'

GENERAL NOTE:

1. MOMENT SLAB TRAFFIC BARRIER AND FALL PROTECTION RAILING NOT SHOWN. SEE SHEET M08-SWD001 AND M08-SWD002 FOR DETAILS.
2. TIERED LANDSCAPING WALLS AT WALLS B1 AND W1 UNDER EVALUATION, TBD.



WALL B1 - PROFILE

SCALE: H: 1" = 20', V: 1"=20'

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

AHJ:

PACKAGE #

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

PRELIMINARY

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SCALE: H: 1"=20'; V: 1"=20'
FILENAME: OMFS-M08-SWP301
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

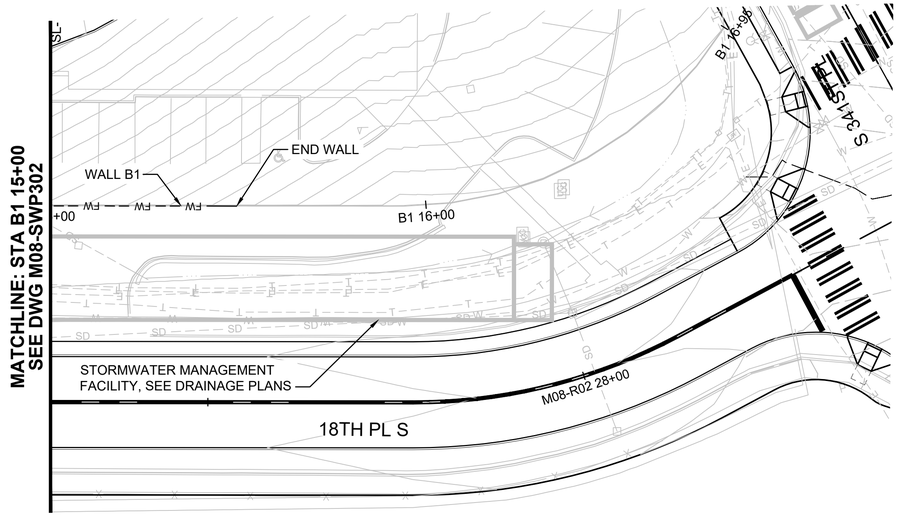
SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH
STRUCTURAL
SITE WALL B1 PLAN AND PROFILE
STA B1 10+00 TO STA B1 15+00

DRAWING No.: **M08-SWP302**
FACILITY ID: M08
SHEET No.:
REV:

02/26/24 | 7:44 AM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SWP301.DWG

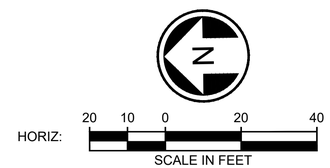
GENERAL NOTE:

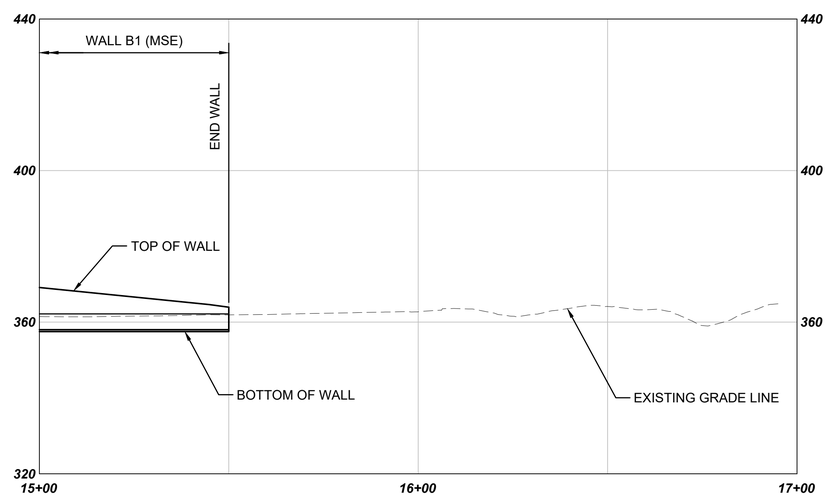
1. FALL PROTECTION RAILING NOT SHOWN. SEE SHEET M08-SWD001 FOR DETAILS.



WALL B1 - PLAN

SCALE: 1" = 20'





WALL B1 - PROFILE

SCALE: H: 1" = 20', V: 1"=20'

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

AHJ:

PRELIMINARY — BRANDY ROGERS, STATE OF WASHINGTON, 45420, REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER | DATE: 2/27/2024 | REVIEWED BY: | DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

PACKAGE #

SCALE: H: 1"=20'; V: 1"=20'
FILENAME: OMFS-M08-SWP301
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

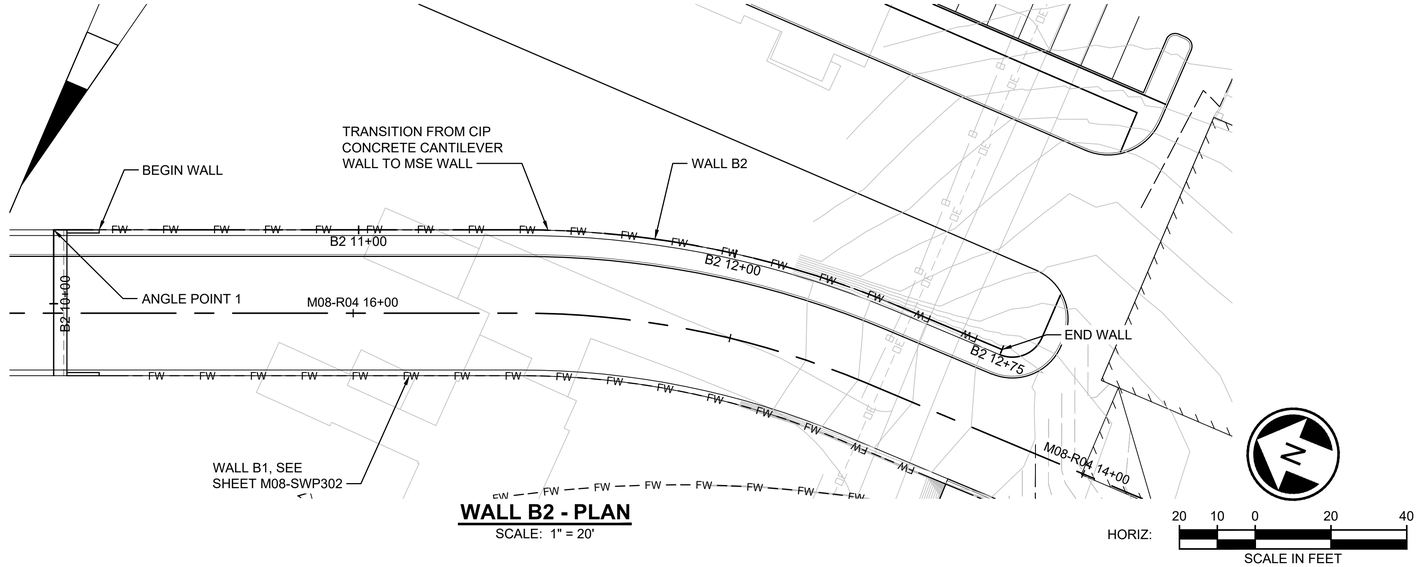
STRUCTURAL
SITE WALL B1 PLAN AND PROFILE
STA B1 15+00 TO STA B1 16+88

DRAWING No.: **M08-SWP303**
FACILITY ID: M08
SHEET No.:
REV:

02/23/24 5:05 PM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SWP301.DWG

GENERAL NOTE:

1. MOMENT SLAB TRAFFIC BARRIER NOT SHOWN. SEE SHEET M08-SWD001 AND M08-SWD002 FOR DETAILS.
2. TIERED LANDSCAPING WALLS AT WALLS B1 UNDER EVALUATION, TBD.

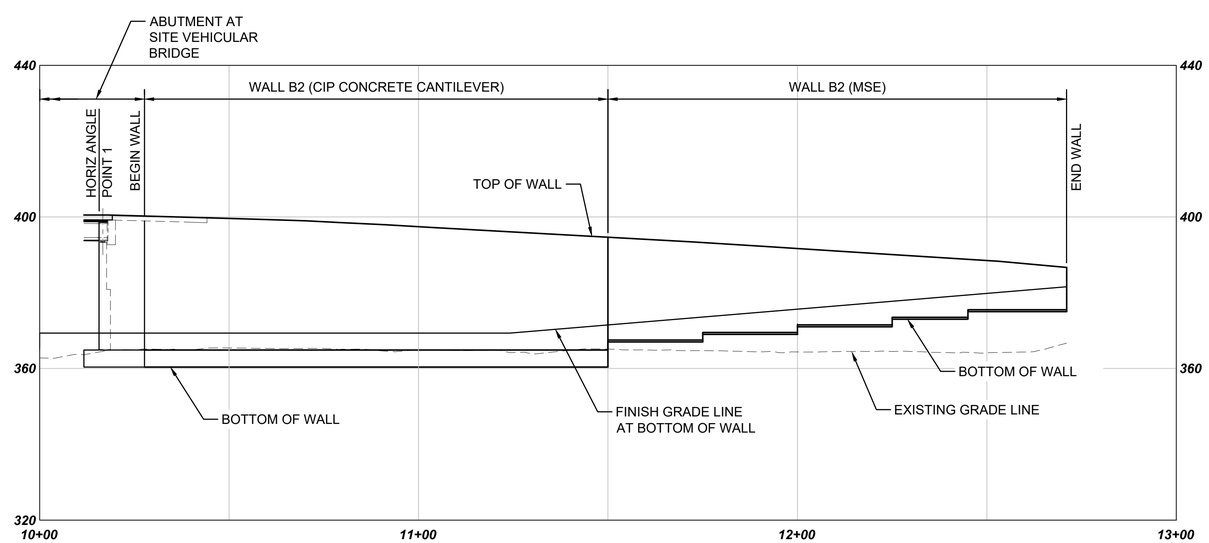


WALL B2 - PLAN

SCALE: 1" = 20'

HORIZ: 20 10 0 20 40

SCALE IN FEET



WALL B2 - PROFILE

SCALE: H: 1" = 20', V: 1"=20'

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

AHJ:

PACKAGE #

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

PRELIMINARY — BRANDY ROGERS, STATE OF WASHINGTON, 45420, REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

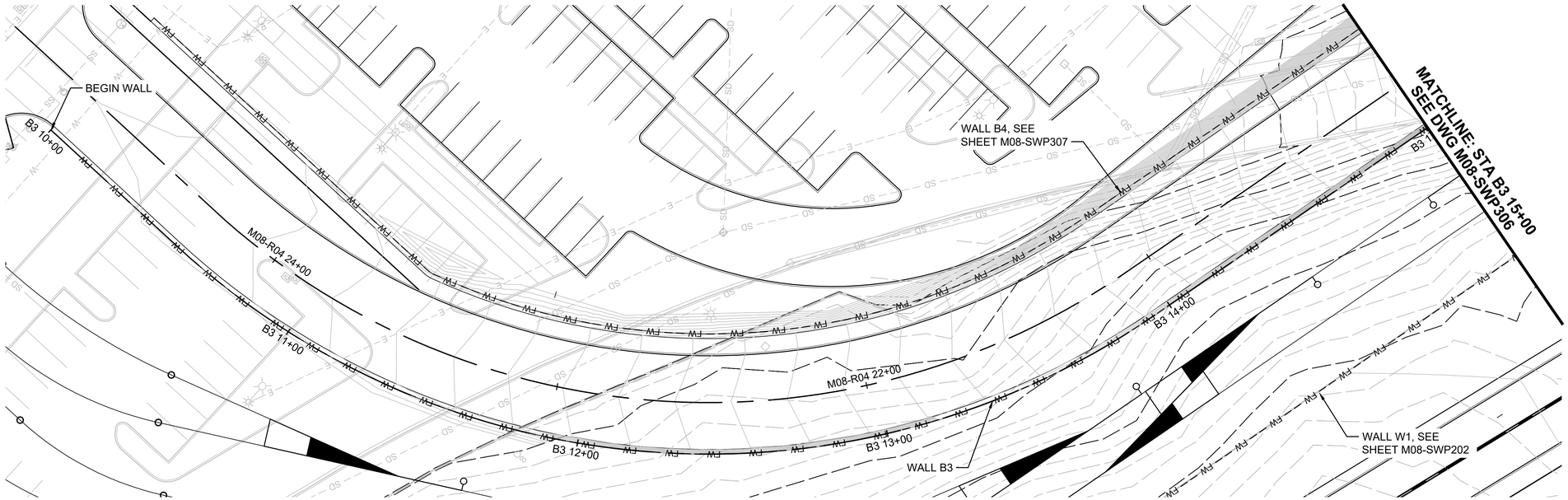
SCALE: H: 1"=20'; V: 1"=20'
FILENAME: OMFS-M08-SWP301
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
SITE WALL B2 PLAN AND PROFILE
STA B2 10+00 TO STA B2 12+75

DRAWING No.: **M08-SWP304**
FACILITY ID: M08
SHEET No.:
REV:

02/23/24 | 3:10 PM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SWP301.DWG

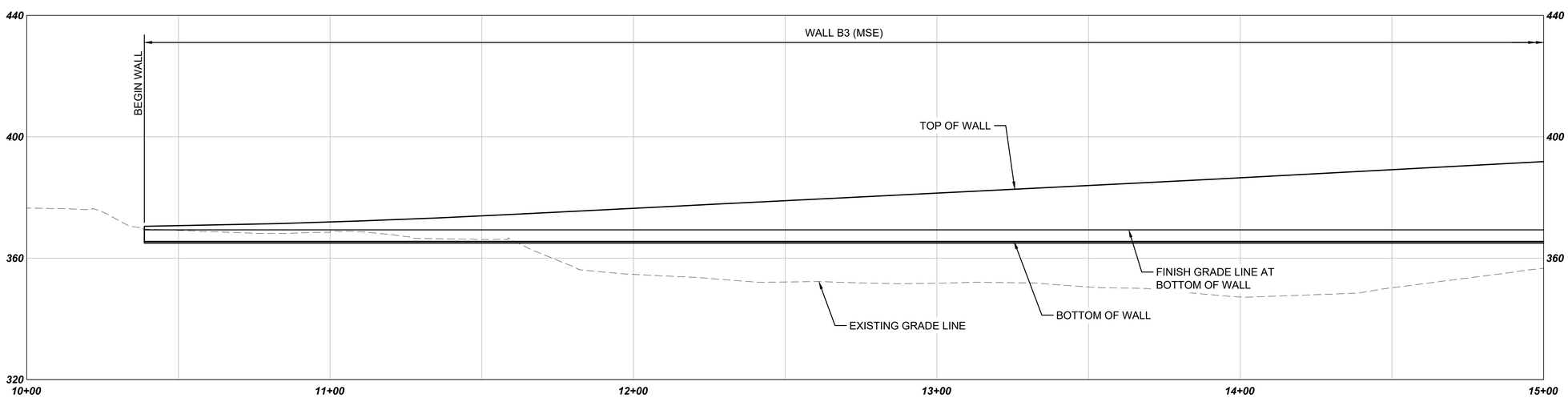


WALL B3 - PLAN

SCALE: 1" = 20'

GENERAL NOTE:

1. MOMENT SLAB TRAFFIC BARRIER NOT SHOWN. SEE SHEET M08-SWD001 FOR DETAILS.
2. TIERED LANDSCAPING WALLS AT WALL B3, UNDER EVALUATION, TBD.



WALL B3 - PROFILE

SCALE: H: 1" = 20', V: 1"=20'

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

AHJ:

PACKAGE #

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

PRELIMINARY — BRANDY ROGERS, STATE OF WASHINGTON, 45420, REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

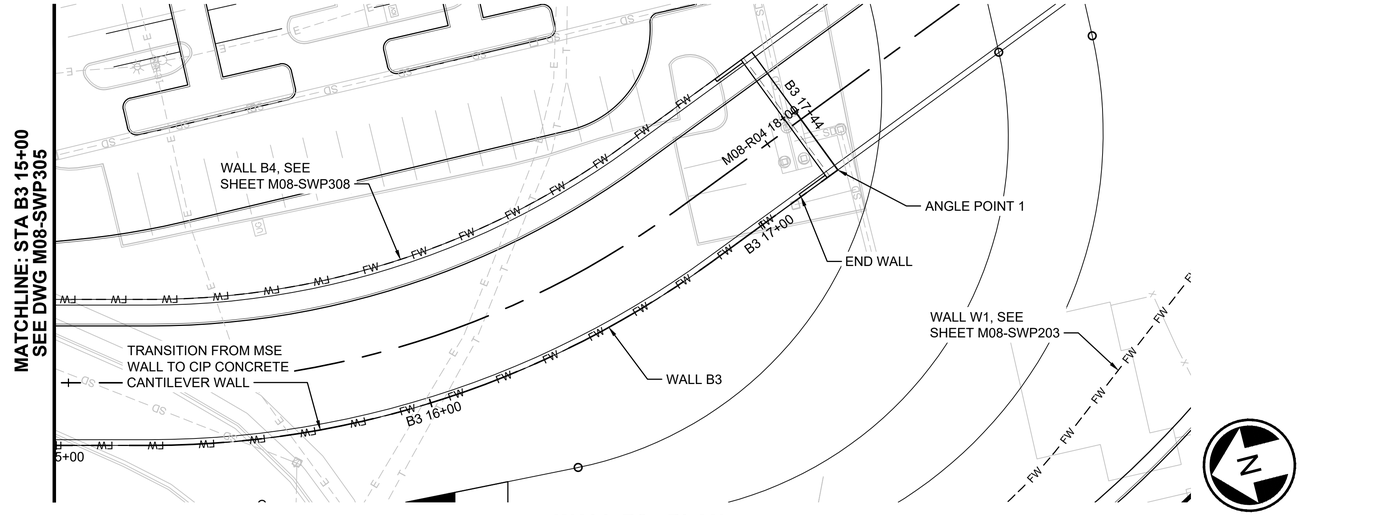
SCALE: H: 1"=20'; V: 1"=20'
FILENAME: OMFS-M08-SWP301
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
SITE WALL B3 PLAN AND PROFILE
STA B3 10+00 TO STA B3 15+00

DRAWING No.: **M08-SWP305**
FACILITY ID: M08
SHEET No.:
REV:

02/23/24 3:11 PM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SWP301.DWG



WALL B3 - PLAN

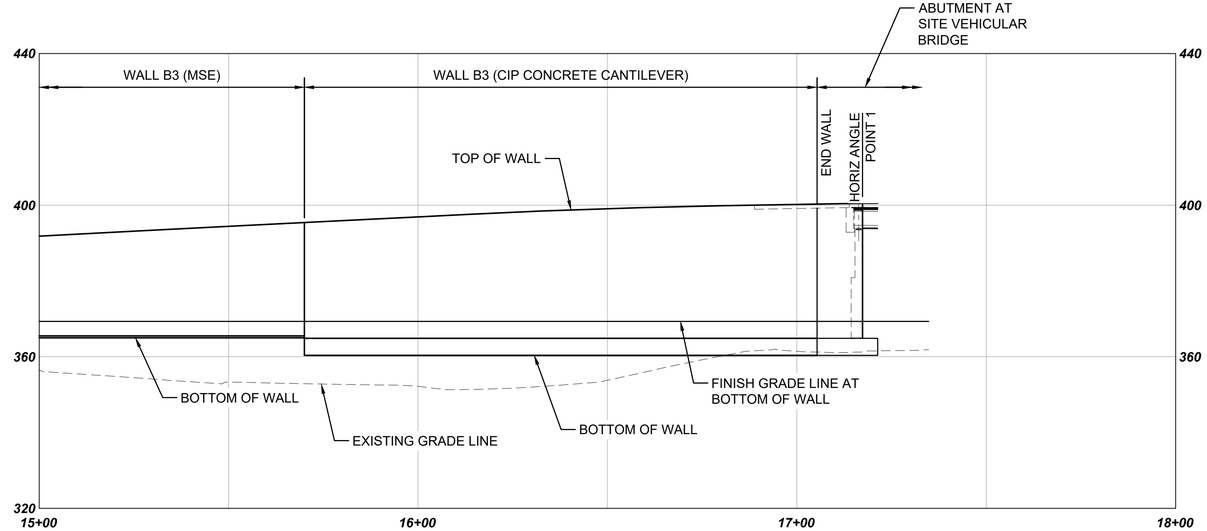
SCALE: 1" = 20'

HORIZ: 20 10 0 20 40

SCALE IN FEET

GENERAL NOTE:

1. MOMENT SLAB TRAFFIC BARRIER NOT SHOWN. SEE SHEET M08-SWD001 AND M08-SWD002 FOR DETAILS.
2. TIERED LANDSCAPING WALLS AT WALL B3 UNDER EVALUATION, TBD.



WALL B3 - PROFILE

SCALE: H: 1" = 20', V: 1"=20'

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

AHJ:

PRELIMINARY

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

PACKAGE #

SCALE: H: 1"=20'; V: 1"=20'
FILENAME: OMFS-M08-SWP301
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
SITE WALL B3 PLAN AND PROFILE
STA B3 15+00 TO STA B3 17+44

DRAWING No.: M08-SWP306
FACILITY ID: M08
SHEET No.:
REV:

02/23/24 | 3:12 PM | VALENALV
C:\PW\WORKING\WEST01\D2772718\OMFS-M08-SWP301.DWG

WALL B4 - PLAN

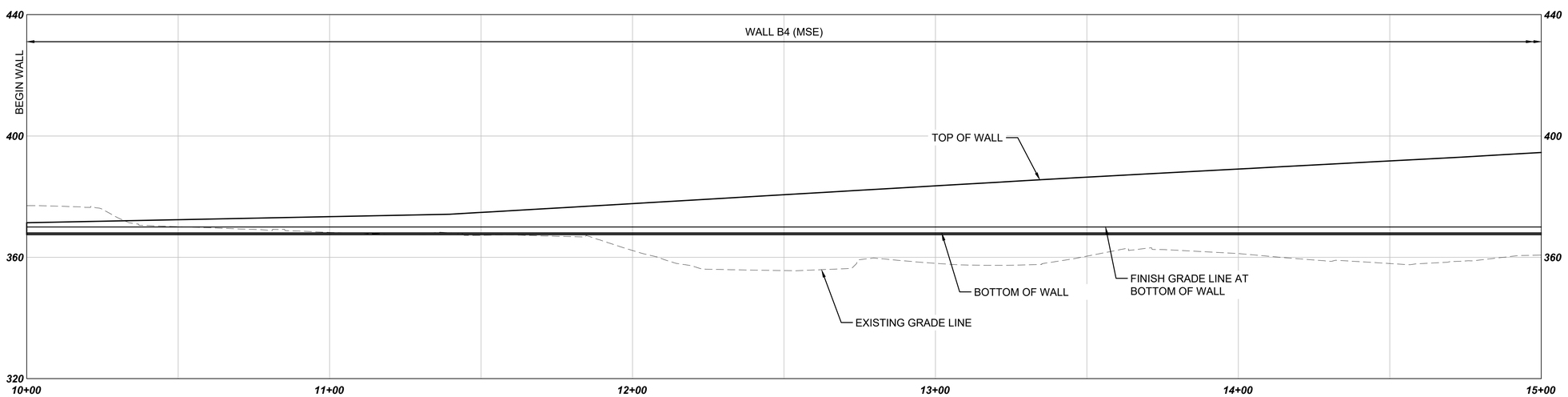
SCALE: 1" = 20'

HORIZ: 20 10 0 20 40

SCALE IN FEET

GENERAL NOTE:

1. MOMENT SLAB TRAFFIC BARRIER NOT SHOWN. SEE SHEET M08-SWD001 FOR DETAILS.
2. TIERED LANDSCAPING WALLS AT WALLS B3 AND W1 UNDER EVALUATION, TBD.



WALL B4 - PROFILE

SCALE: H: 1" = 20', V: 1"=20'

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

AHJ:

PRELIMINARY — BRANDY ROGERS, STATE OF WASHINGTON, 45420, REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

PACKAGE #

SCALE: H: 1"=20'; V: 1"=20'
FILENAME: OMFS-M08-SWP301
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

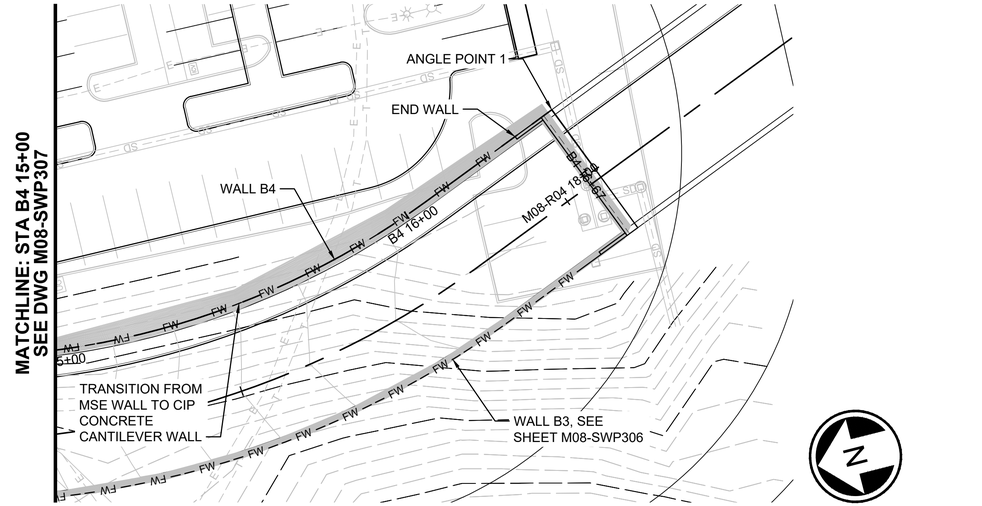
STRUCTURAL
SITE WALL B4 PLAN AND PROFILE
STA B4 10+00 TO STA B4 15+00

DRAWING No.: **M08-SWP307**
FACILITY ID: M08
SHEET No.:
REV:

02/23/24 3:13 PM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SWP301.DWG

GENERAL NOTE:

1. MOMENT SLAB TRAFFIC BARRIER NOT SHOWN. SEE SHEET M08-SWD001 AND M08-SWD002 FOR DETAILS.
2. TIERED LANDSCAPING WALLS AT WALL B3 UNDER EVALUATION, TBD.

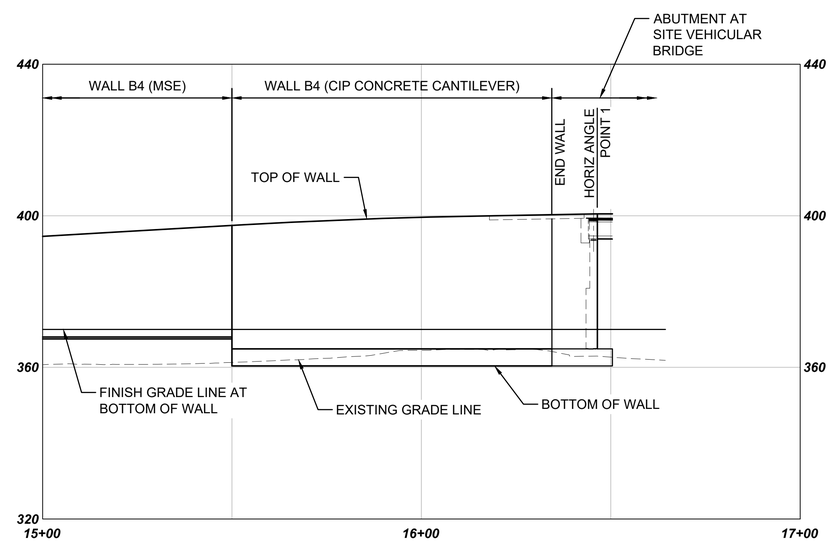


WALL B4 - PLAN

SCALE: 1" = 20'

HORIZ: 20 10 0 20 40

SCALE IN FEET



WALL B4 - PROFILE

SCALE: H: 1" = 20', V: 1"=20'

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

AHJ:

PRELIMINARY — BRANDY ROGERS, STATE OF WASHINGTON, 53420, REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

PACKAGE #

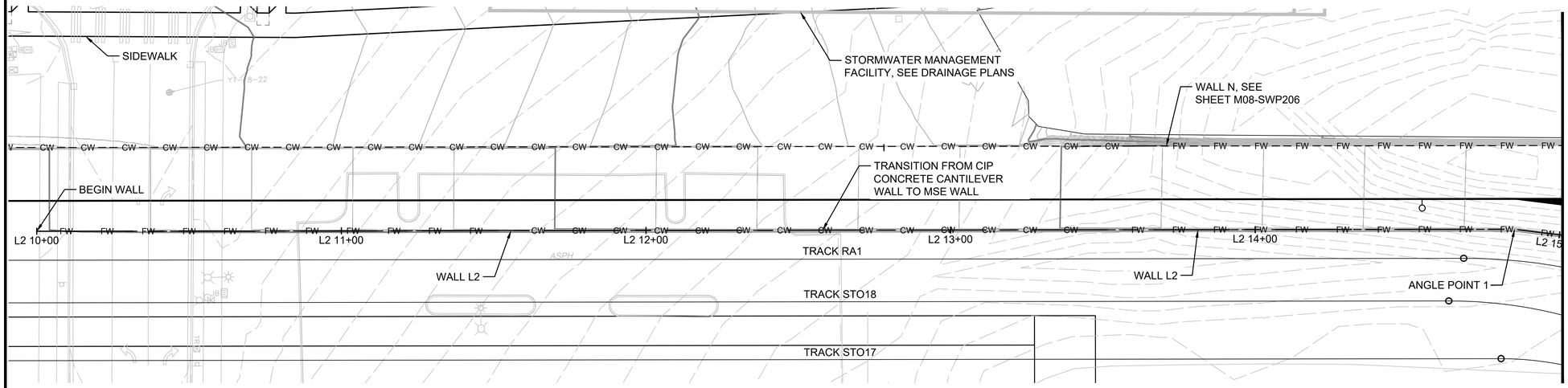
SCALE: H: 1"=20'; V: 1"=20'
FILENAME: OMFS-M08-SWP301
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
SITE WALL B4 PLAN AND PROFILE
STA B4 15+00 TO STA B4 16+67

DRAWING No.: **M08-SWP308**
FACILITY ID: M08
SHEET No.:
REV:

02/23/24 | 3:14 PM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SWP301.DWG



WALL L2 - PLAN

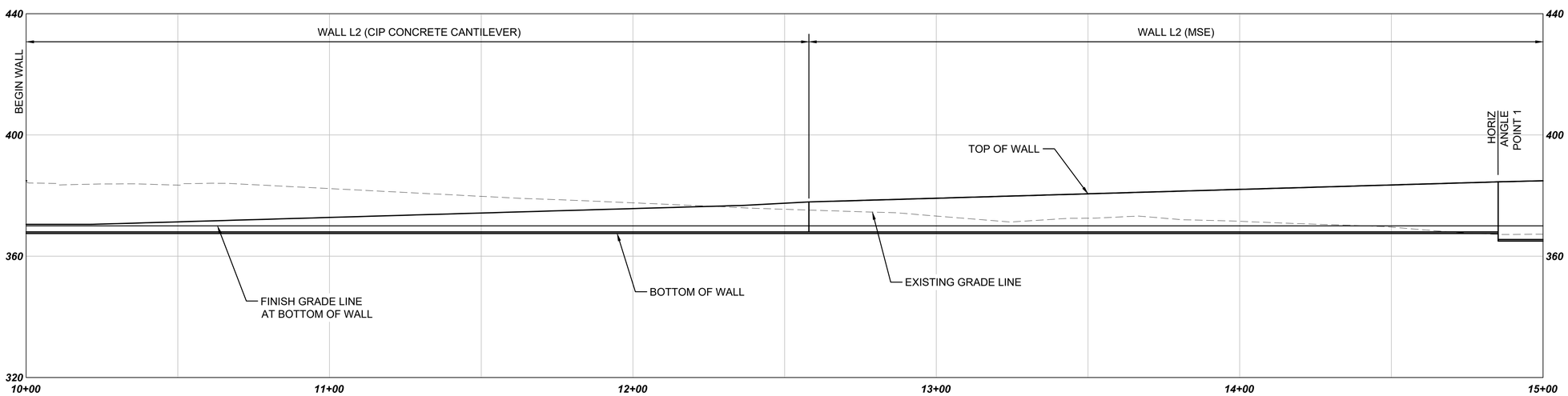
SCALE: 1" = 20'

GENERAL NOTE:

1. FALL PROTECTION RAILING NOT SHOWN. SEE SHEET M08-SWD001 FOR DETAILS.

HORIZ: 20 10 0 20 40

SCALE IN FEET



WALL L2 - PROFILE

SCALE: H: 1" = 20', V: 1"=20'

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

AHJ:

PRELIMINARY — BRANDY ROGERS, STATE OF WASHINGTON, 45420, REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

PACKAGE #

SCALE: H: 1"=20'; V: 1"=20'
FILENAME: OMFS-M08-SWP401
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
SITE WALL L2 PLAN AND PROFILE
STA L2 10+00 TO STA L2 15+00

DRAWING No.: **M08-SWP401**
FACILITY ID: M08
SHEET No.:
REV:

02/23/24 3:41 PM | VALENALV
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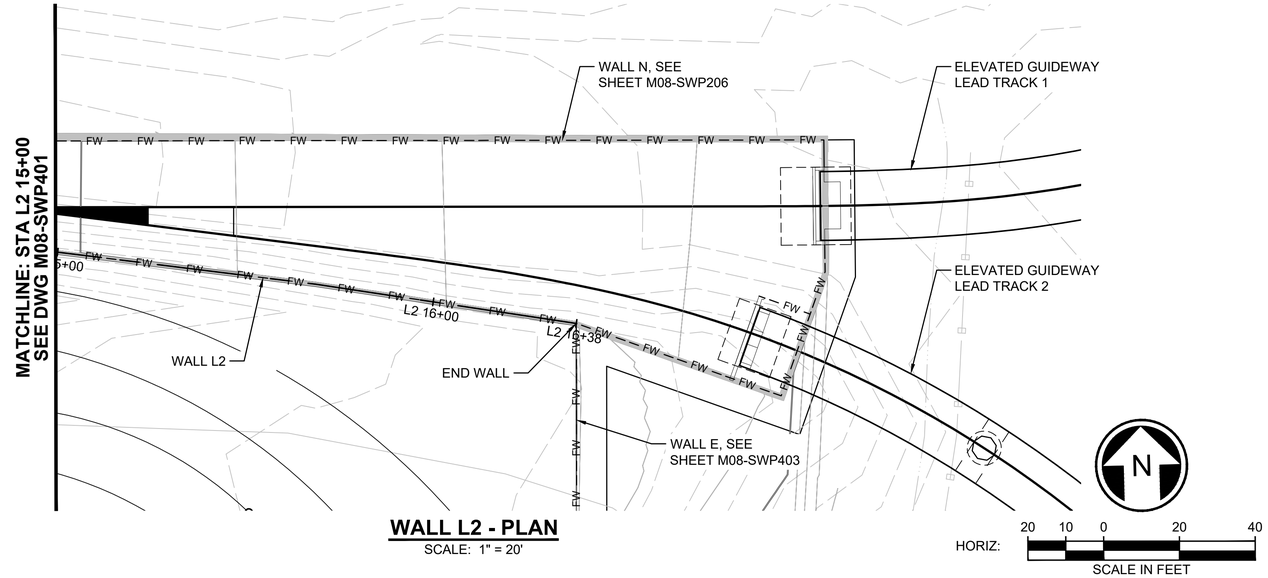
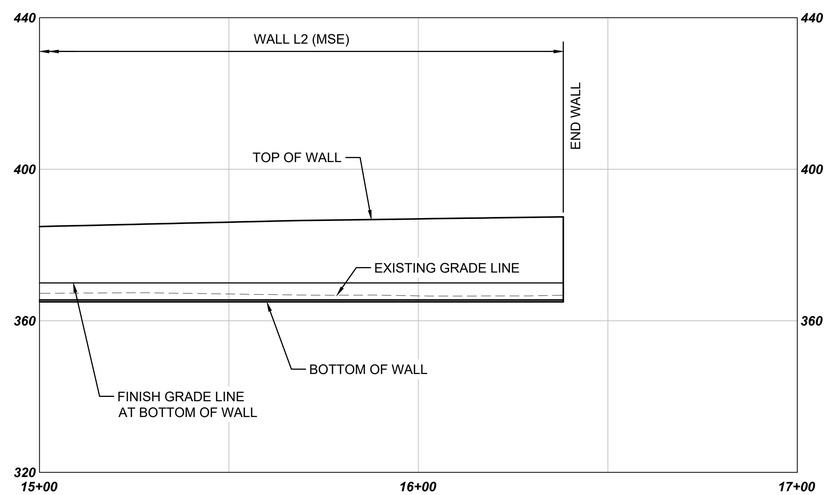
GENERAL NOTE:

1. FALL PROTECTION RAILING NOT SHOWN. SEE SHEET M08-SWD001 FOR DETAILS.



WALL L2 - PLAN

SCALE: 1" = 20'



WALL L2 - PROFILE

SCALE: H: 1" = 20', V: 1"=20'

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

AHJ:

PRELIMINARY — BRANDY ROGERS, STATE OF WASHINGTON, 45420, REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

PACKAGE #

SCALE: H: 1"=20'; V: 1"=20'
FILENAME: OMFS-M08-SWP401
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
SITE WALL L2 PLAN AND PROFILE
STA L2 15+00 TO STA L2 20+00

DRAWING No.: **M08-SWP402**
FACILITY ID: M08
SHEET No.:
REV:

02/23/24 | 3:42 PM | VALENALV
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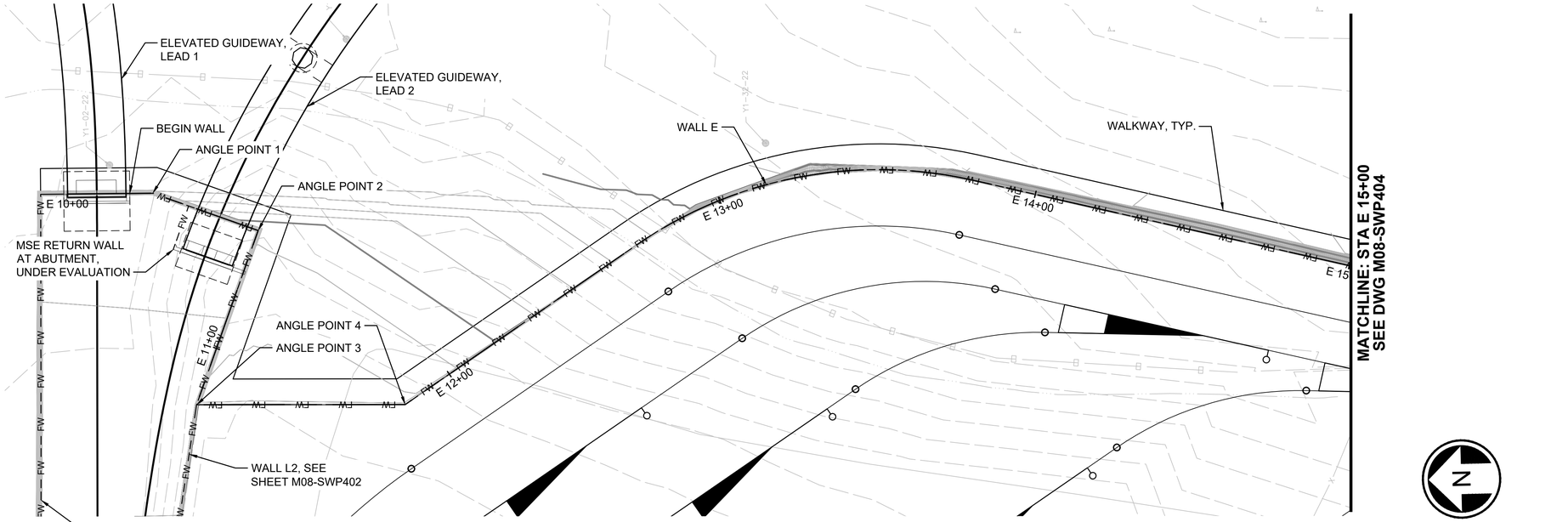
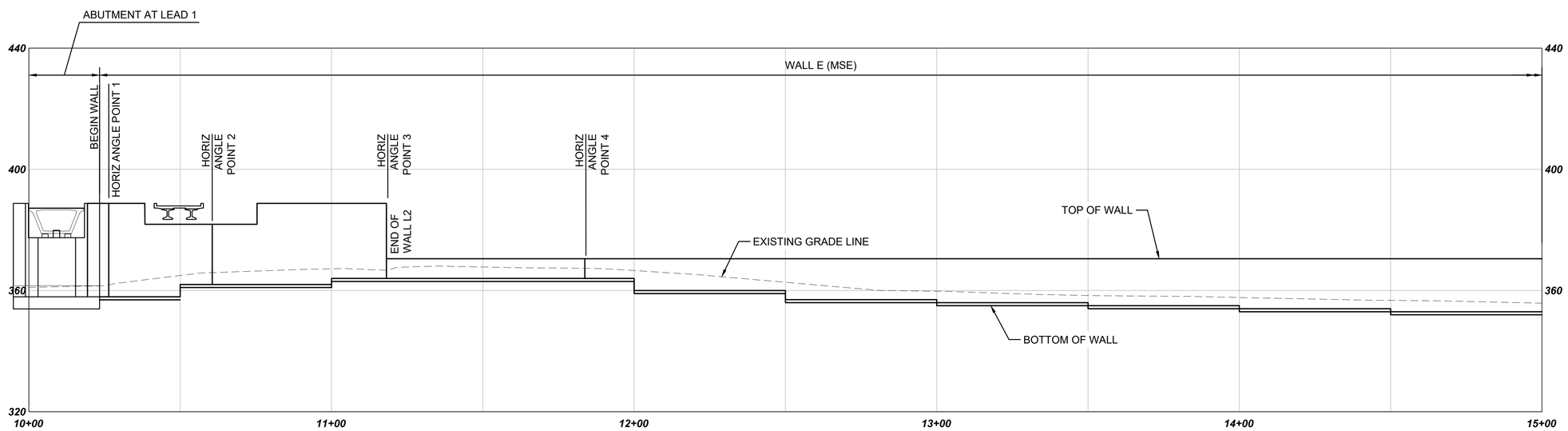


WALL E - PLAN

SCALE: 1" = 20'

GENERAL NOTE:

1. FALL PROTECTION RAILING NOT SHOWN. SEE SHEET M08-SWD001 FOR DETAILS.



WALL E - PROFILE

SCALE: H: 1" = 20', V: 1"=20'

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

AHJ:

PRELIMINARY

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SCALE: H: 1"=20'; V: 1"=20'
FILENAME: OMFS-M08-SWP401
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

PACKAGE #

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
SITE WALL E PLAN AND PROFILE
STA E 10+00 TO STA E 15+00

DRAWING No.: M08-SWP403
FACILITY ID: M08
SHEET No.:
REV:

02/23/24 | 3:44 PM | VALENALV
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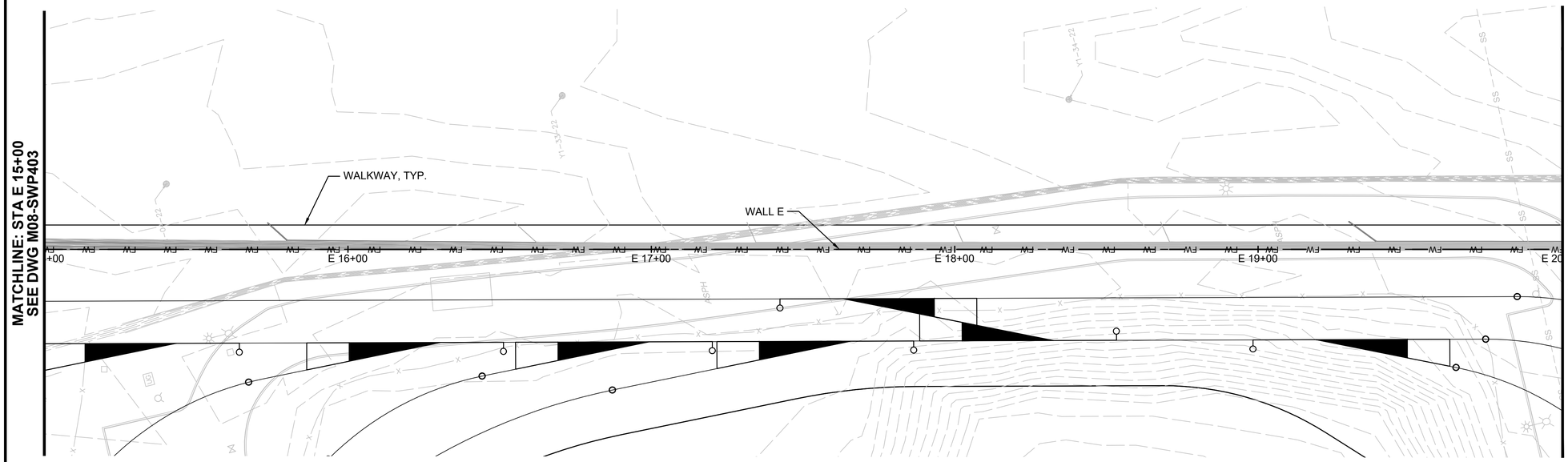


WALL E - PLAN

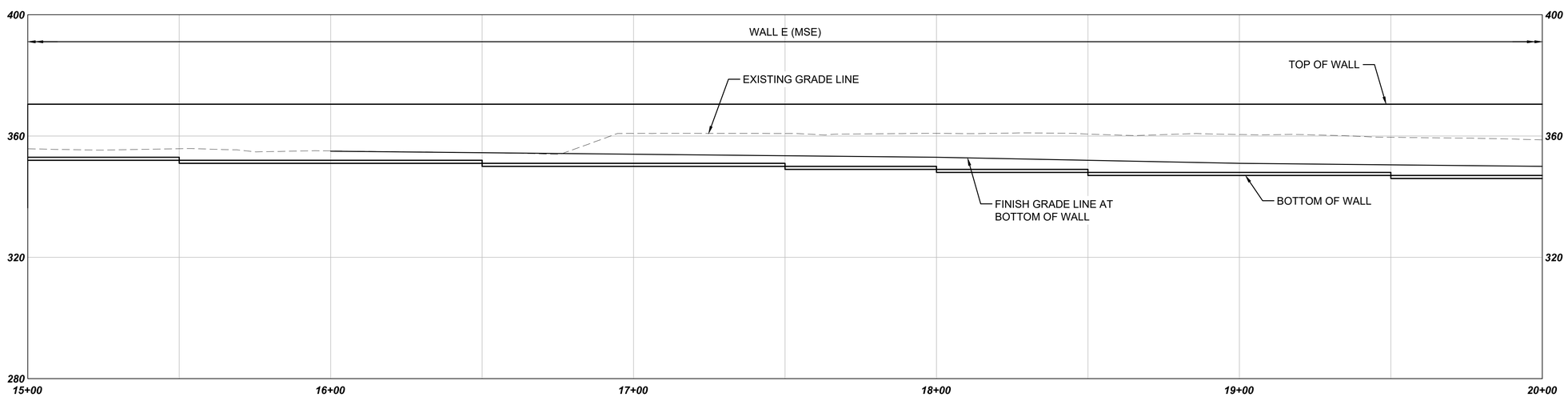
SCALE: 1" = 20'

HORIZ: 20 10 0 20 40

SCALE IN FEET

GENERAL NOTE:

1. FALL PROTECTION RAILING NOT SHOWN. SEE SHEET M08-SWD001 FOR DETAILS.



WALL E - PROFILE

SCALE: H: 1" = 20', V: 1"=20'

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

AHJ:

PACKAGE #

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

PRELIMINARY — BRANDY ROGERS, STATE OF WASHINGTON, 45420, REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: H: 1"=20'; V: 1"=20'
FILENAME: OMFS-M08-SWP401
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
SITE WALL E PLAN AND PROFILE
STA E 15+00 TO STA E 20+00

DRAWING No.: **M08-SWP404**
FACILITY ID: M08
SHEET No.:
REV:

02/23/24 | 3:46 PM | VALENALV
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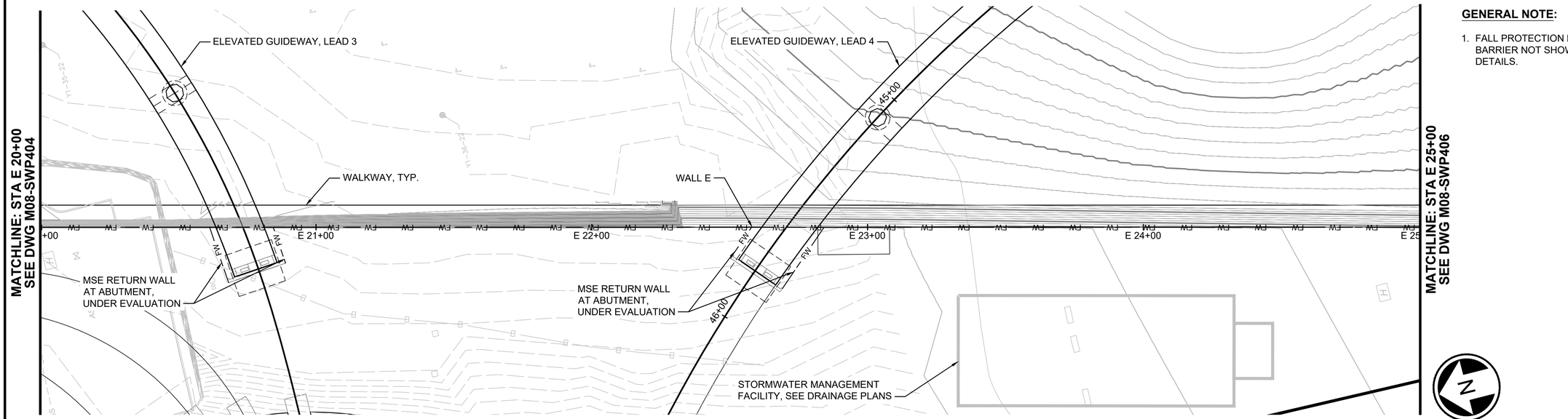


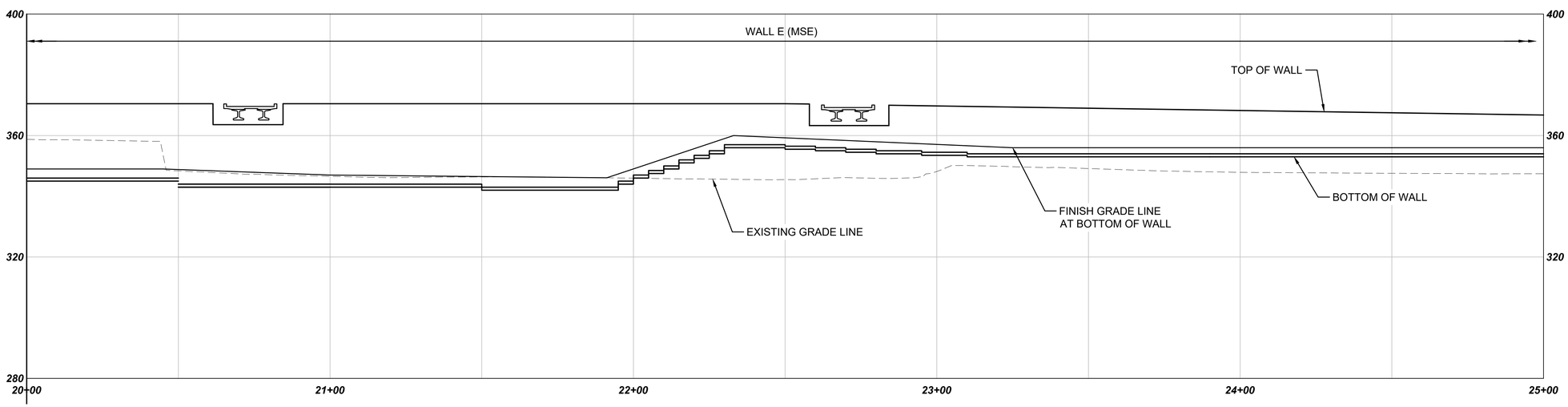
WALL E - PLAN

SCALE: 1" = 20'

HORIZ: 20 10 0 20 40
SCALE IN FEET

GENERAL NOTE:

1. FALL PROTECTION RAILING AND MOMENT SLAB TRAFFIC BARRIER NOT SHOWN. SEE SHEET M08-SWD001 FOR DETAILS.



WALL E - PROFILE

SCALE: H: 1" = 20', V: 1"=20'

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

AHJ:

PRELIMINARY — BRANDY ROGERS, STATE OF WASHINGTON, 45420, REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

PACKAGE #

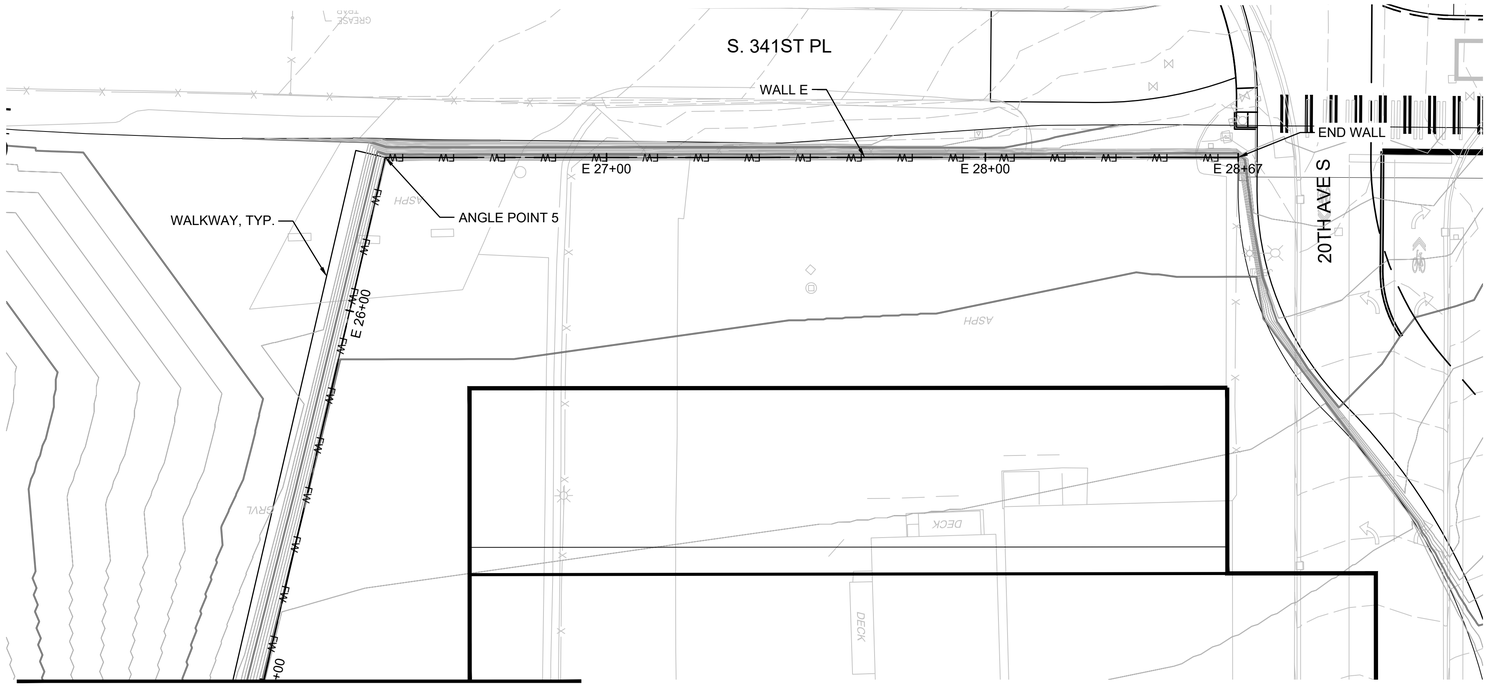
SCALE: H: 1"=20'; V: 1"=20'
FILENAME: OMFS-M08-SWP401
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
SITE WALL E PLAN AND PROFILE
STA E 20+00 TO STA E 25+00

DRAWING No.: **M08-SWP405**
FACILITY ID: M08
SHEET No.:
REV:

02/23/24 | 3:47 PM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SWP401.DWG



MATCHLINE: STA E 25+00
SEE DWG M08-SWP405

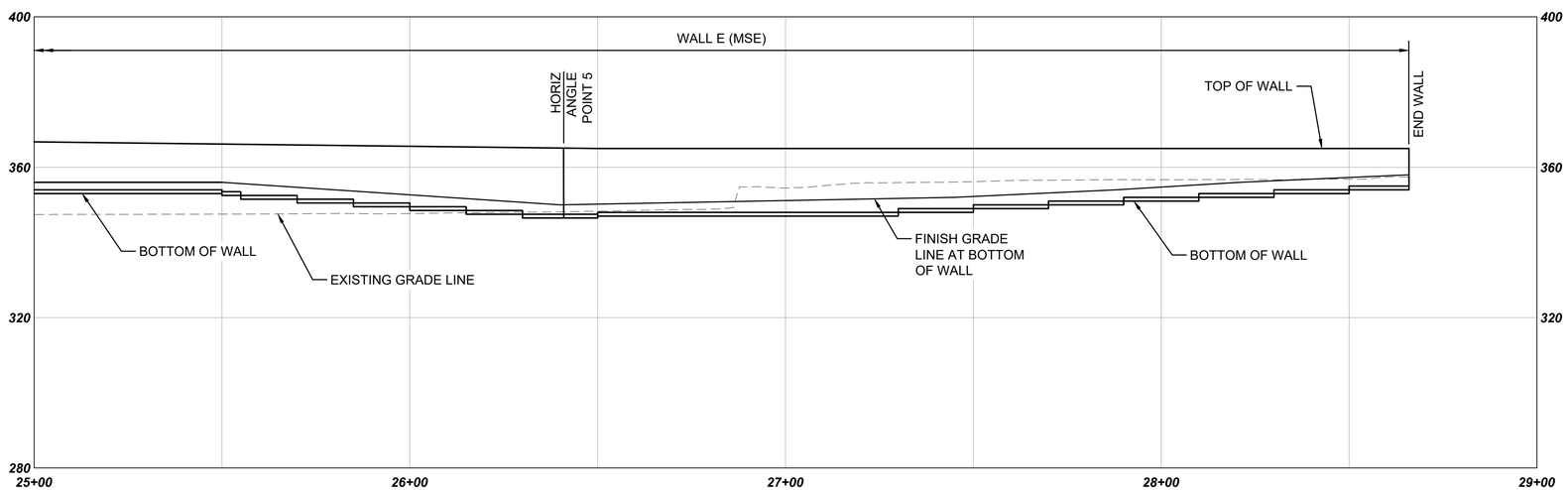
WALL E - PLAN

SCALE: 1" = 20'

HORIZ: 20 10 0 20 40
SCALE IN FEET

GENERAL NOTE:

1. MOMENT SLAB TRAFFIC BARRIER NOT SHOWN. SEE SHEET M08-SWD001 FOR DETAILS.



WALL E - PROFILE

SCALE: H: 1" = 20', V: 1"=20'

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

AHJ:

PRELIMINARY — BRANDY ROGERS, STATE OF WASHINGTON, 45420, REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

PACKAGE #

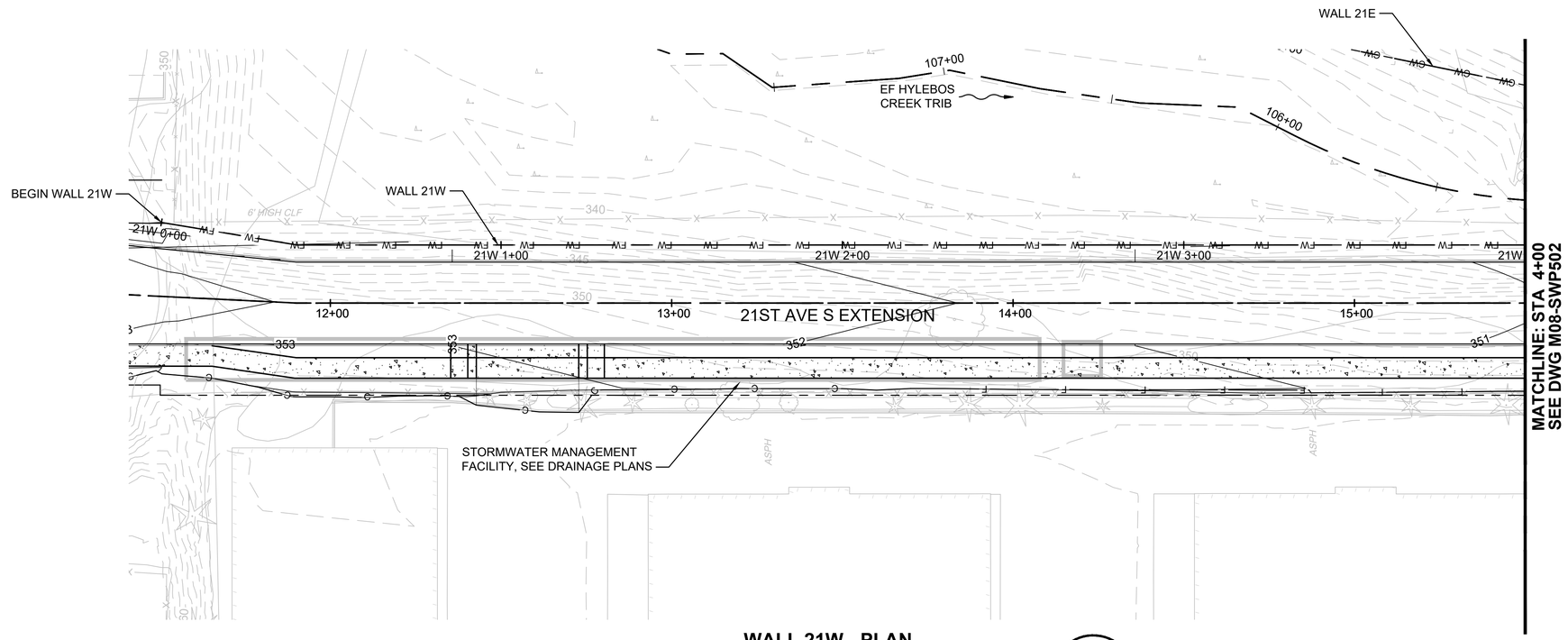
SCALE: H: 1"=20'; V: 1"=20'
FILENAME: OMFS-M08-SWP401
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
SITE WALL E PLAN AND PROFILE
STA E 25+00 TO STA E 30+00

DRAWING No.: **M08-SWP406**
FACILITY ID: M08
SHEET No.:
REV:

02/23/24 3:48 PM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SWP401.DWG



WALL 21W - PLAN

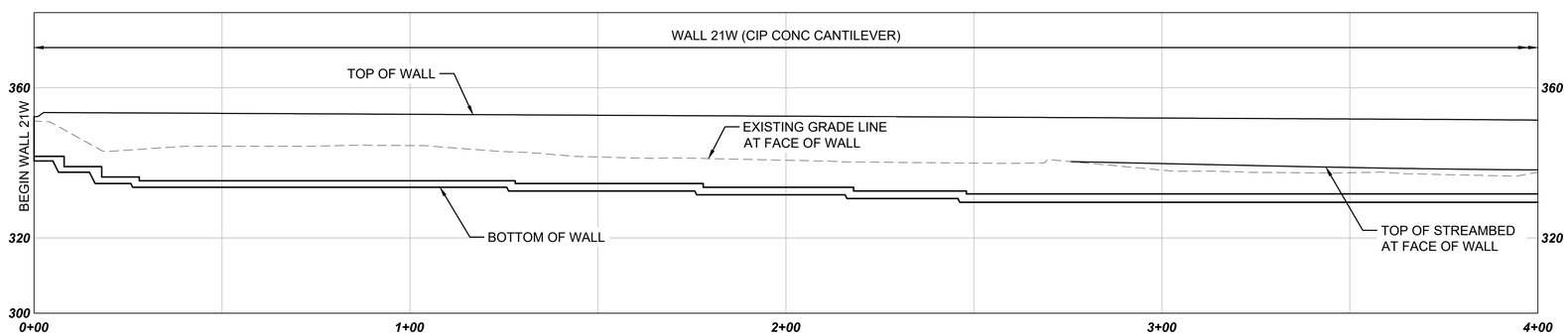
SCALE: 1" = 20'

HORIZ: 20 10 0 20 40

SCALE IN FEET

GENERAL NOTE:

1. BOTTOM OF WALL ELEVATION TBD, PENDING SCOUR ANALYSIS.
2. CONCRETE TRAFFIC BARRIER NOT SHOWN. SEE SHEET M08-SWD010 FOR DETAILS.



WALL 21W - PROFILE

SCALE: H: 1" = 20', V: 1"=20'

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: K. MA
DRAWN BY: A. VALENCIA
CHECKED BY: B. CLARK
APPROVED BY: K. MA

AHJ:

PRELIMINARY — NOT FOR CONSTRUCTION

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

PACKAGE #

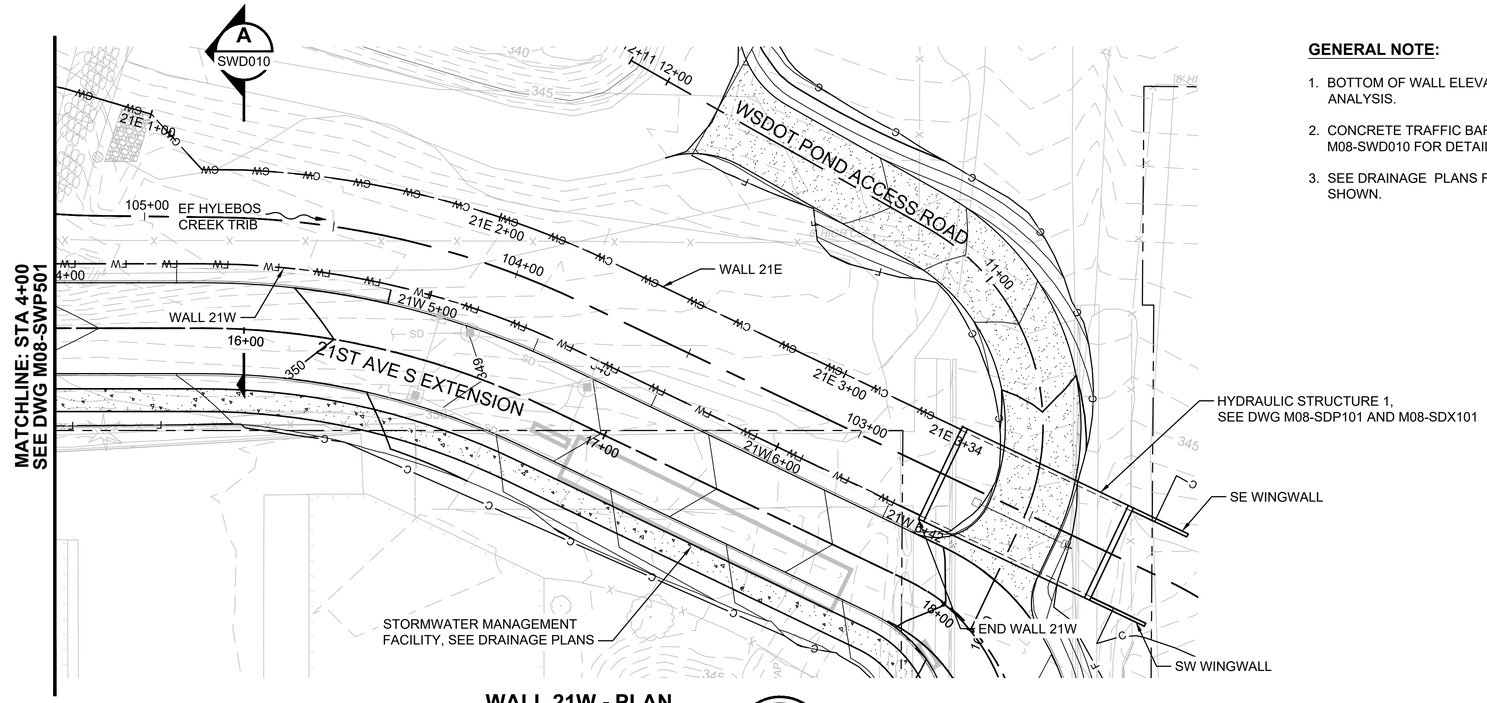
SCALE: H: 1"=20'; V: 1"=20'
FILENAME: OMFS-M08-SWP501
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
ROADWAY WALL 21W PLAN AND PROFILE
STA 21W 0+00 TO STA 21W 4+00

DRAWING No.: **M08-SWP501**
FACILITY ID: M08
SHEET No.: REV:

02/26/24 | 12:40 AM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SWP501.DWG



GENERAL NOTE:

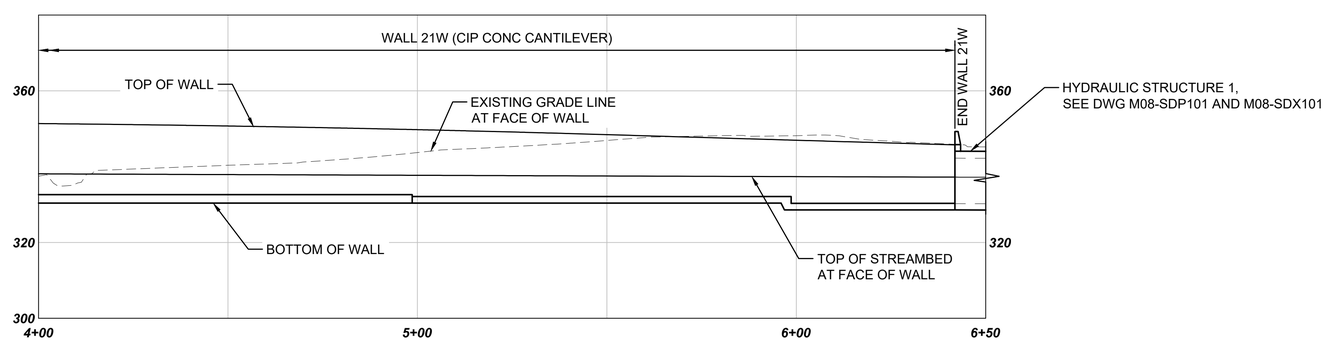
1. BOTTOM OF WALL ELEVATION TBD, PENDING SCOUR ANALYSIS.
2. CONCRETE TRAFFIC BARRIER NOT SHOWN. SEE SHEET M08-SWD010 FOR DETAILS.
3. SEE DRAINAGE PLANS FOR ADDITIONAL DETAILS NOT SHOWN.

WALL 21W - PLAN

SCALE: 1" = 20'

HORIZ: 20 10 0 20 40

SCALE IN FEET



WALL 21W - PROFILE

SCALE: H: 1" = 20', V: 1"=20'

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: K. MA
DRAWN BY: A. VALENCIA
CHECKED BY: B. CLARK
APPROVED BY: K. MA

AHJ:

PRELIMINARY NOT FOR CONSTRUCTION

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

PACKAGE #

SCALE: H: 1"=20'; V: 1"=20'
FILENAME: OMFS-M08-SWP501
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

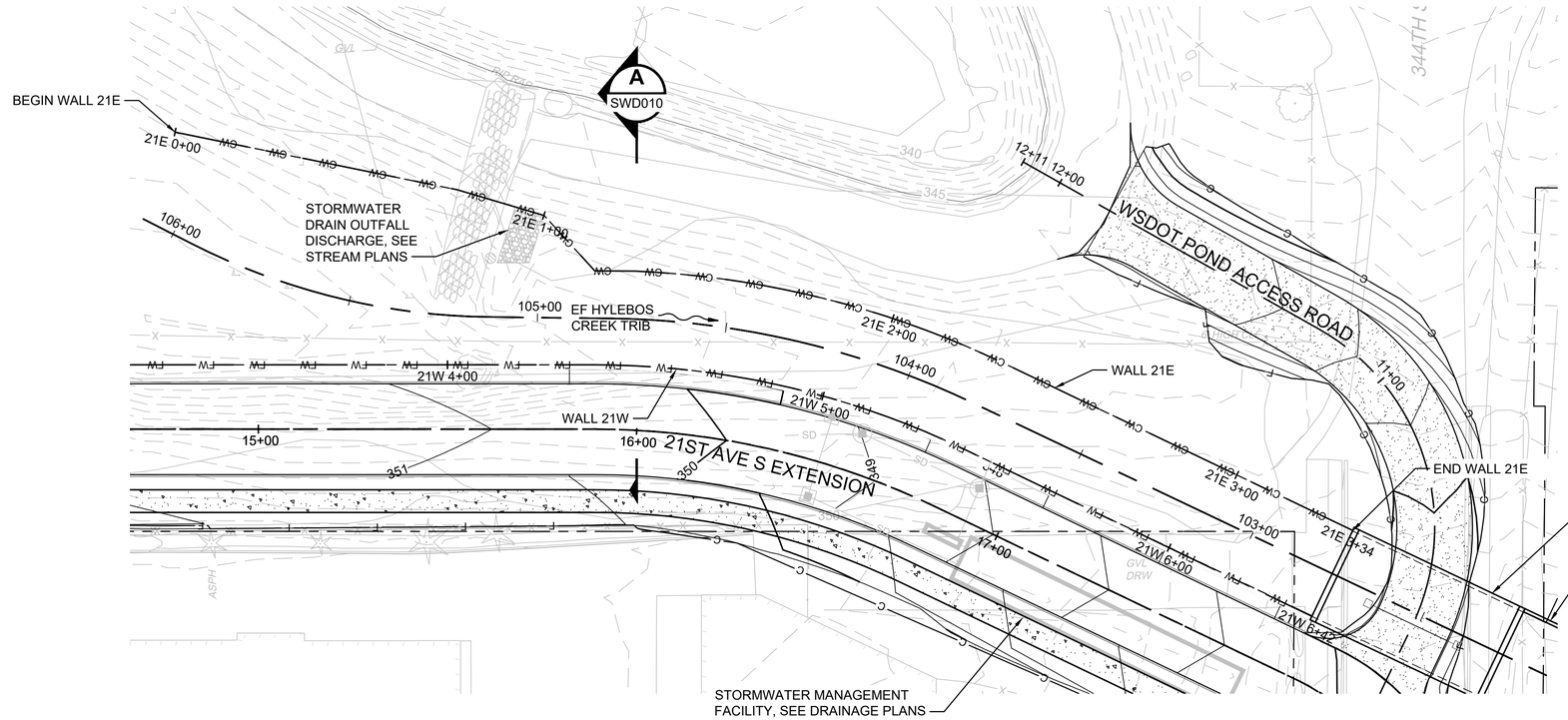
STRUCTURAL
ROADWAY WALL 21W PLAN AND PROFILE
STA 21W 4+00 TO STA 21W 6+50

DRAWING No.: **M08-SWP502**
FACILITY ID: M08
SHEET No.: REV:

02/26/24 | 12:36 AM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SWP501.DWG

GENERAL NOTE:

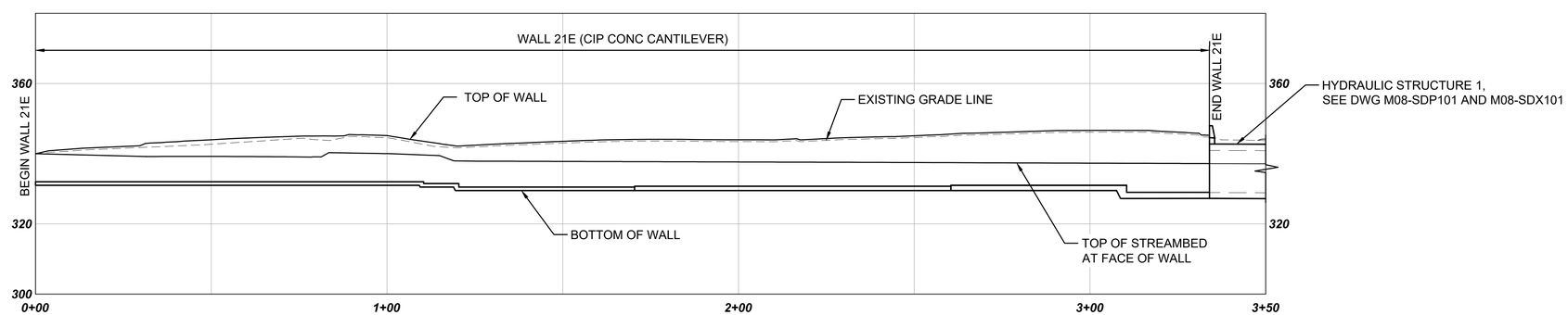
1. BOTTOM OF WALL ELEVATION TBD, PENDING SCOUR ANALYSIS.
2. FALL PROTECTION RAILING NOT SHOWN. SEE SHEET M08-SWD010 FOR DETAILS.



HORIZ: 20 10 0 20 40
SCALE IN FEET

WALL 21E - PLAN

SCALE: 1" = 20'



WALL 21E - PROFILE

SCALE: H: 1" = 20', V: 1"=20'

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: K. MA
DRAWN BY: A. VALENCIA
CHECKED BY: B. CLARK
APPROVED BY: K. MA

AHJ:

PACKAGE #

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SCALE: H: 1"=20'; V: 1"=20'
FILENAME: OMFS-M08-SWP501
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
ROADWAY WALL 21E PLAN AND PROFILE
STA 21E 0+00 TO STA 21E 3+50

DRAWING No.: **M08-SWP503**
FACILITY ID: M08
SHEET No.:
REV:

02/26/24 | 1:58 PM | VALENALV
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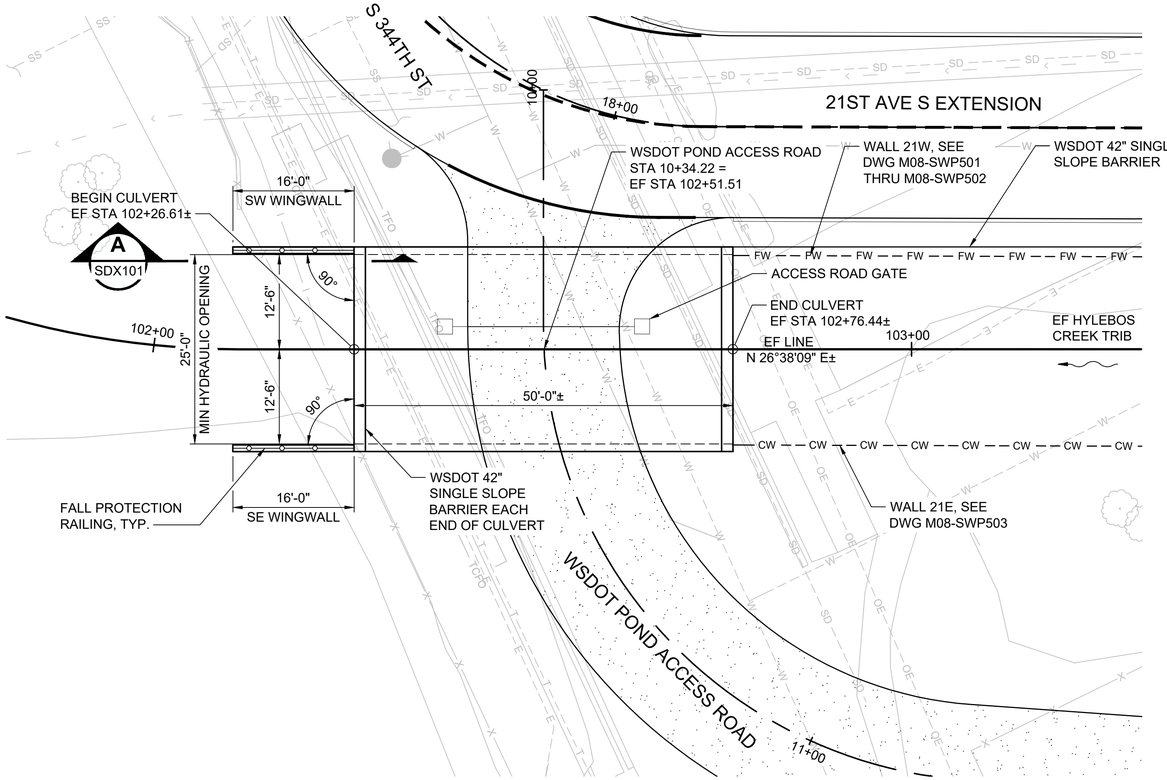
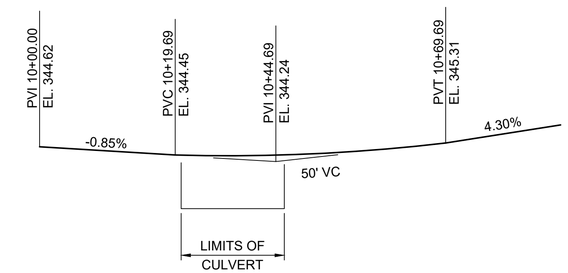
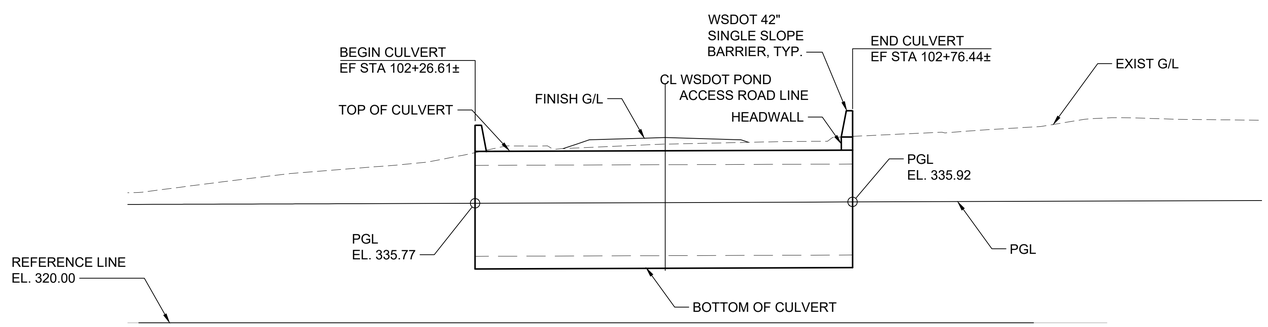


PLAN

SCALE: 1" = 10'
BEARING OF THE
CULVERT IS N 26°38'09" E±

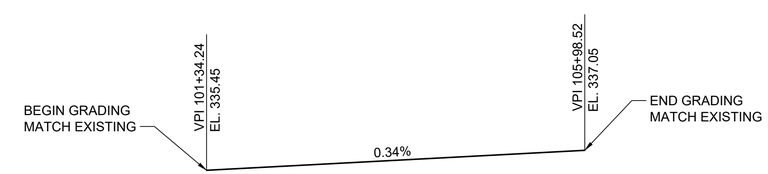


WSDOT POND ACCESS ROAD PROFILE



ELEVATION

SCALE: 1" = 10'



PROPOSED EF LINE PROFILE

BURIED STRUCTURE
P.C. SPLIT BOX CULVERT
LOADING: HL-93

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

AHJ:

PACKAGE #

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: K. MA
DRAWN BY: A. VALENCIA
CHECKED BY: B. CLARK
APPROVED BY: K. MA

STATE OF WASHINGTON — PABLO LOPEZ-HILFIKER — 29029166 — REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUND TRANSIT

SCALE: H: 1"=10'; V: 1"=10'
FILENAME: OMFS-M08-SDP101
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
HYDRAULIC STRUCTURE 1
PLAN AND ELEVATION

DRAWING No.: **M08-SDP101**
FACILITY ID: M08
SHEET No.:
REV:

02/26/24 | 2:13 PM | VALENALV
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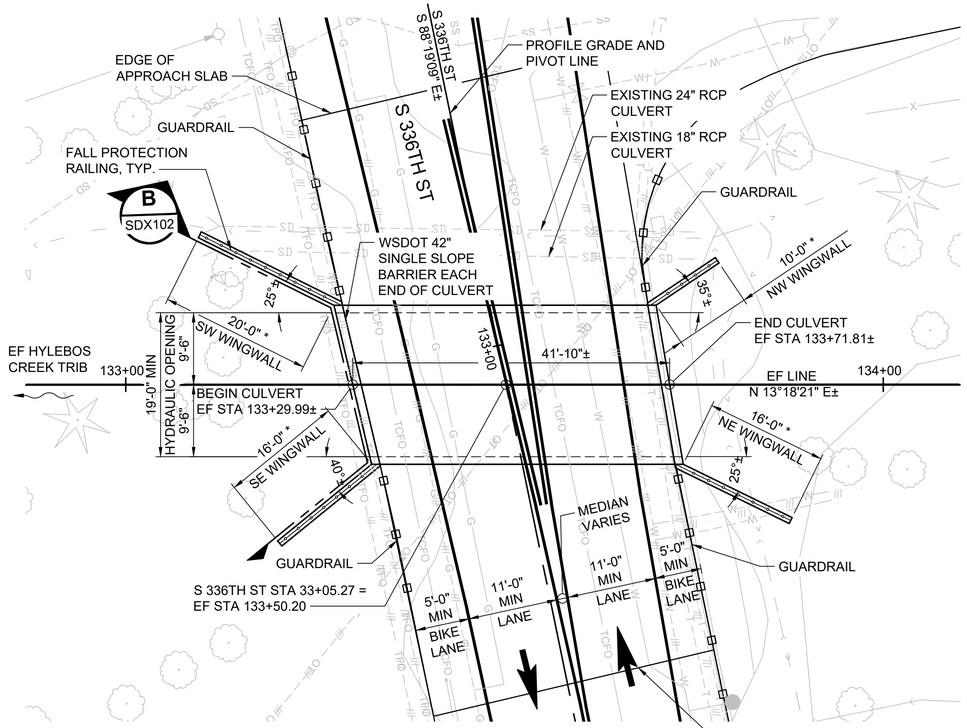
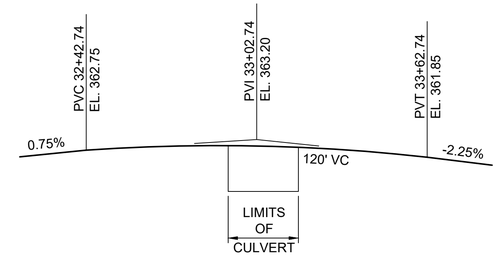
NOTE
AERIAL GUIDEWAY NOT SHOWN. SEE MAINLINE STRUCTURAL DRAWINGS.



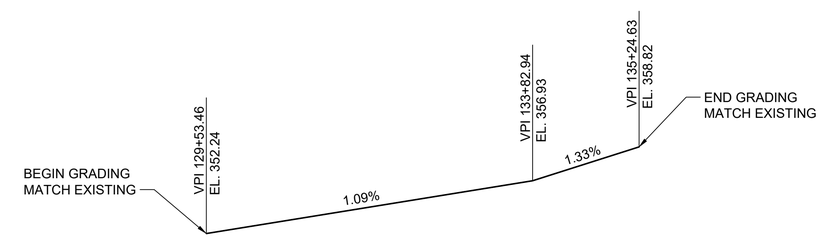
PLAN

SCALE: 1" = 10'
BEARING OF THE CULVERT IS N 13°18'21" E±

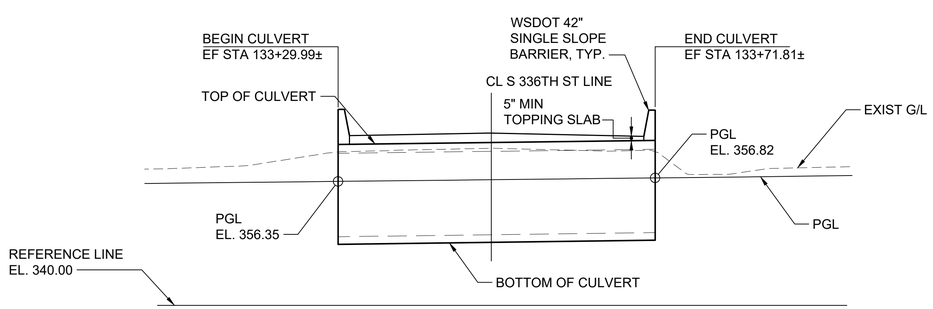
* WALL LENGTH TO BE DETERMINED BY THE DESIGN BUILDER, PENDING FINAL SCOUR ANALYSIS.



PROPOSED S 336TH ST PROFILE



PROPOSED EF LINE PROFILE



ELEVATION

SCALE: 1" = 10'

BURIED STRUCTURE
P.C. SPLIT BOX CULVERT
LOADING: HL-93

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

AHJ:

PACKAGE #

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: K. MA
DRAWN BY: A. VALENCIA
CHECKED BY: B. CLARK
APPROVED BY: K. MA

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SCALE: H: 1"=10'; V: 1"=10'
FILENAME: OMFS-M08-SDP101
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
HYDRAULIC STRUCTURE 2
PLAN AND ELEVATION

DRAWING No.: **M08-SDP102**
FACILITY ID: M08
SHEET No.:
REV:

02/24/24 | 3:05 PM | VALENALV
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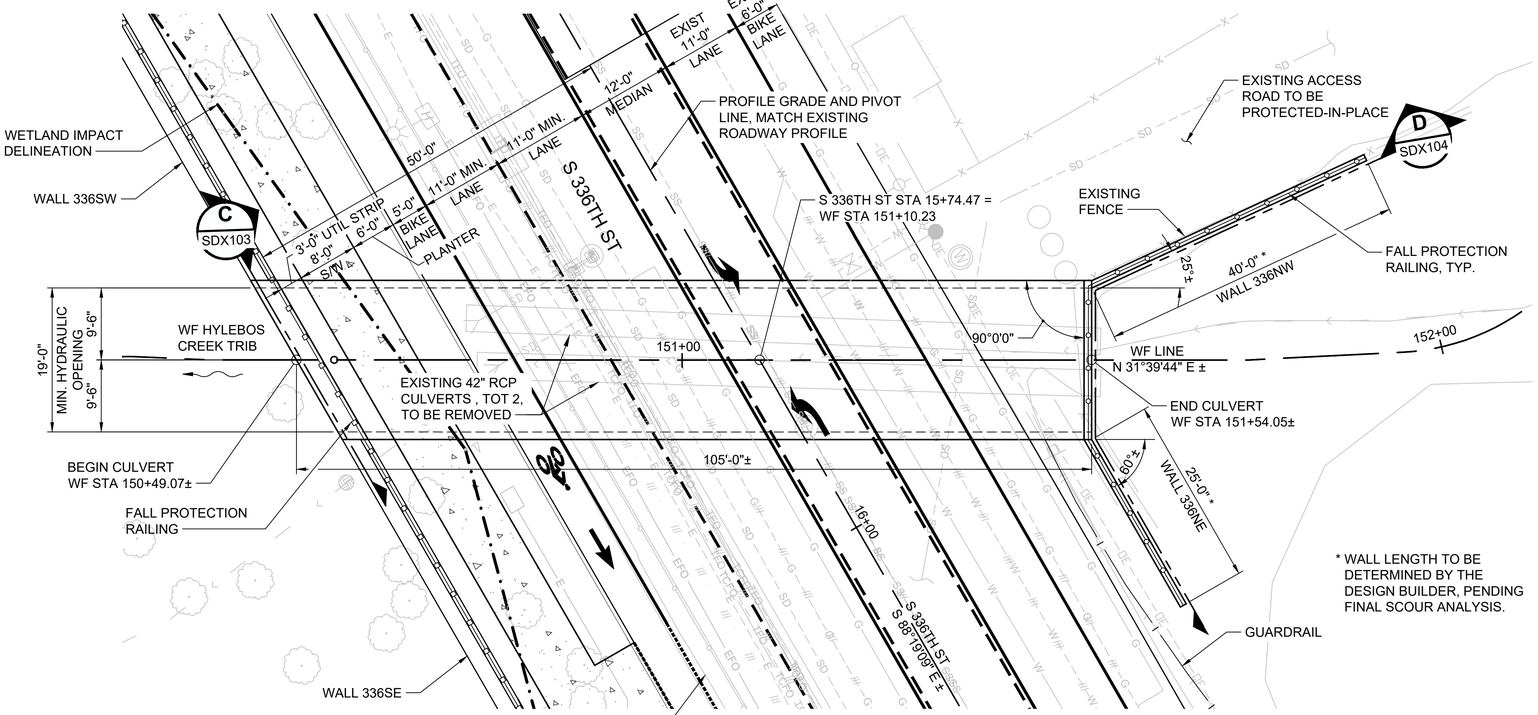
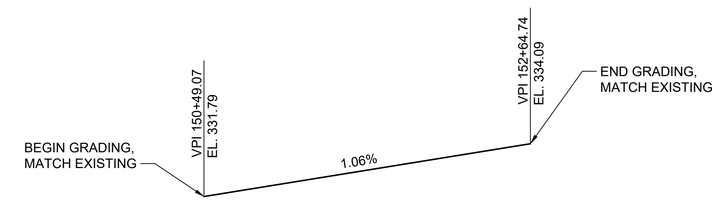


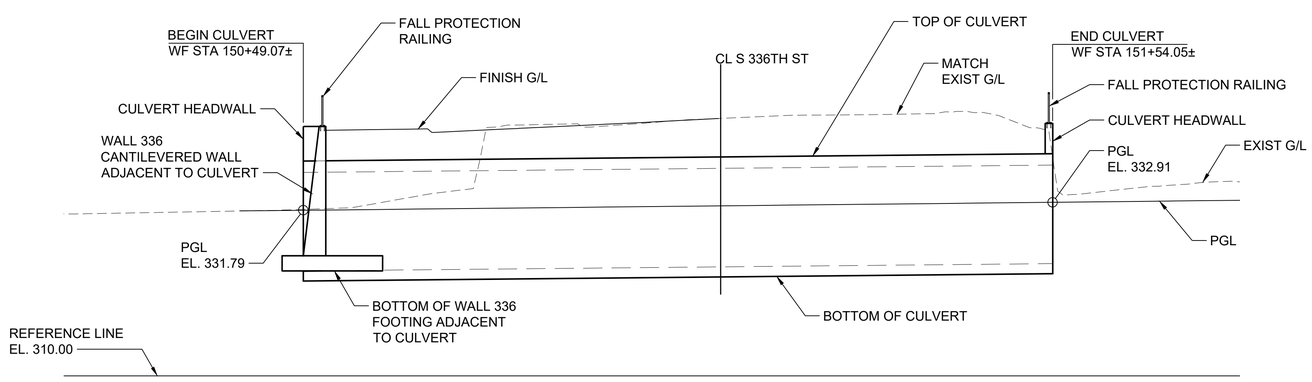
* WALL LENGTH TO BE DETERMINED BY THE DESIGN BUILDER, PENDING FINAL SCOUR ANALYSIS.

PLAN

SCALE: 1" = 10'
BEARING OF THE CULVERT IS N 31°39'44" E ±



PROPOSED WF LINE PROFILE



ELEVATION

SCALE: 1" = 10'
LOOKING BACK ON STATION

BURIED STRUCTURE
P.C. SPLIT BOX CULVERT
LOADING: HL-93

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

AHJ:

PACKAGE #

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: K. MA
DRAWN BY: A. VALENCIA
CHECKED BY: B. CLARK
APPROVED BY: K. MA

KENT M. A. VALENCIA — STATE OF WASHINGTON — 29029166 — REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: H: 1"=10'; V: 1"=10'
FILENAME: OMFS-M08-SDP101
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
HYDRAULIC STRUCTURE 3
PLAN AND ELEVATION

DRAWING No.: **M08-SDP103**
FACILITY ID: M08
SHEET No.:
REV:

02/26/24 4:48 PM | VALENALV
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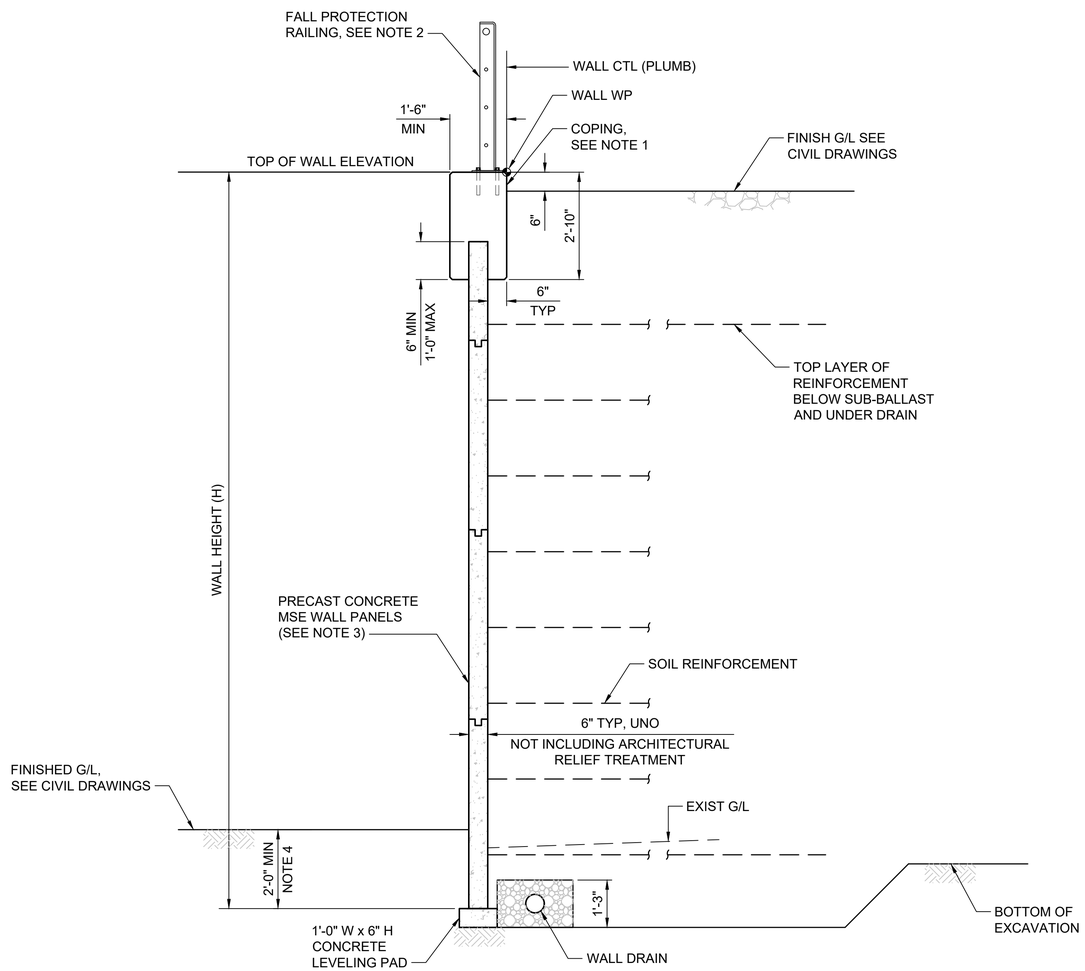


TYPICAL MSE WALL SECTION A

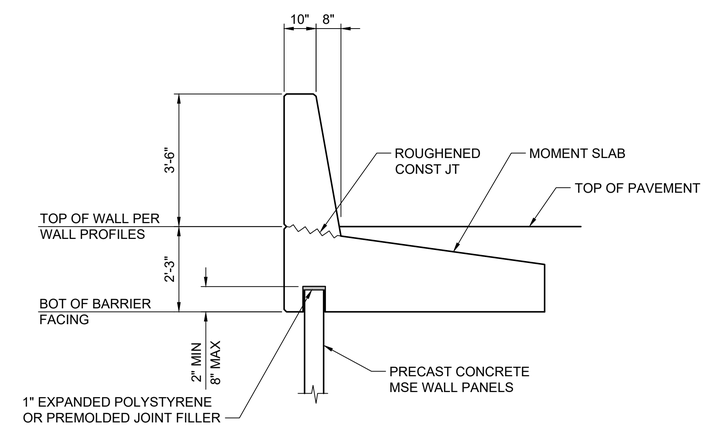
SCALE: 1/2" = 1'-0"

M08-SWD004

M08-SWD006
M08-SWD008

NOTES:

1. FALL PROTECTION RAILING SHOWN.
2. WHERE SECURITY FENCE OCCURS INSTEAD, SEE DWG STD-SYD002.
3. WHERE MSE WALL PANEL TOTAL HEIGHT LESS THAN 6', USE CAST-IN-PLACE CONCRETE WALL DETAIL. SEE DWG M08-SWD002.
4. BOTTOM OF WALL TO BE 2' BELOW BOTTOM OF TRACK BALLAST WHERE PRESENT.



MSE WALL MOMENT SLAB TRAFFIC BARRIER

SCALE: 1/2" = 1'-0"
(VEHICLE BARRIER WHERE REQUIRED)

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

AHJ:

PRELIMINARY — BRANDY ROGERS, STATE OF WASHINGTON, 40420, REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

PACKAGE #
SCALE:
FILENAME: OMFS-M08-SWD001
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
SITE RETAINING WALL
TYPICAL MSE WALL SECTIONS

DRAWING No.: **M08-SWD001**
FACILITY ID: M08
SHEET No.:
REV:

02/24/24 | 3:14 PM | VALENALV
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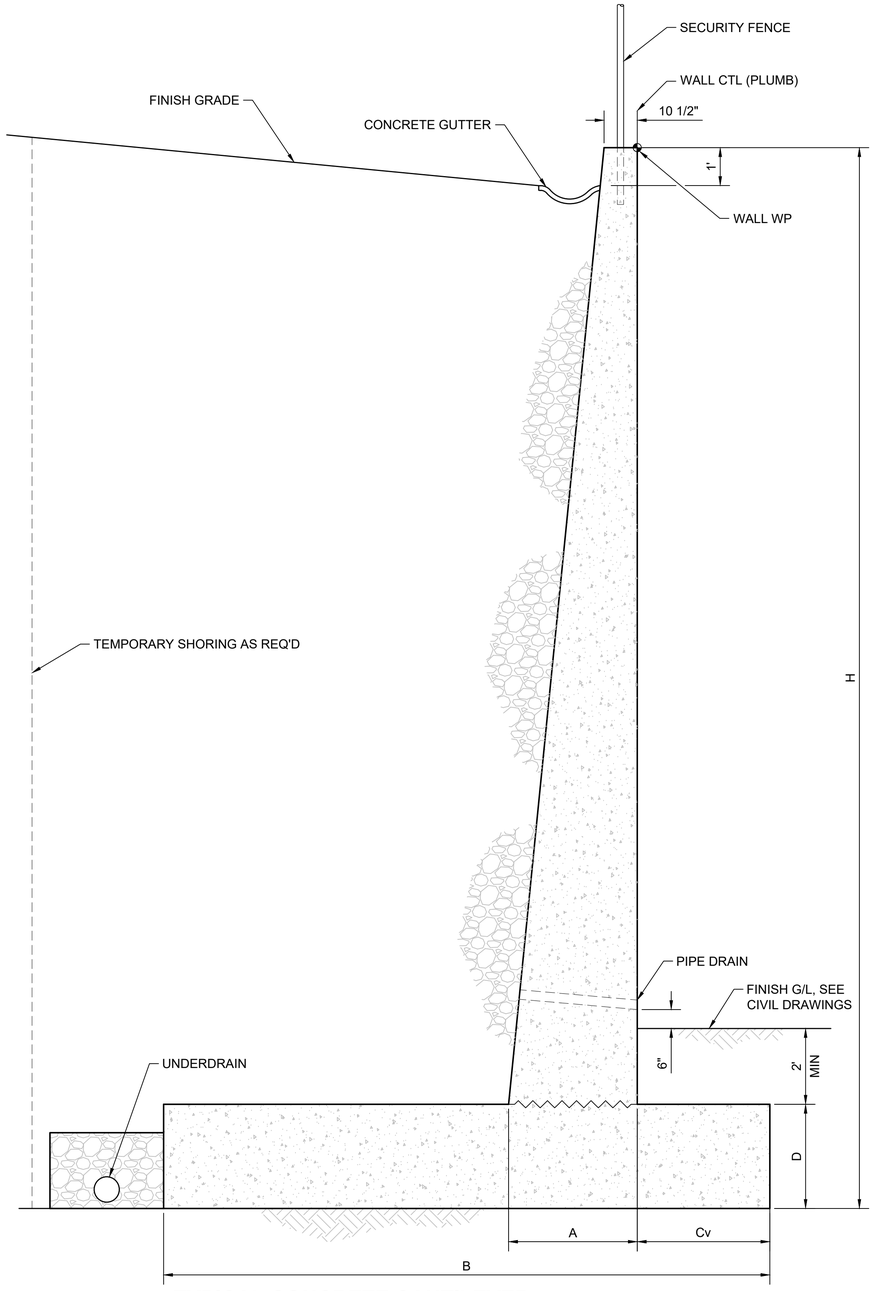
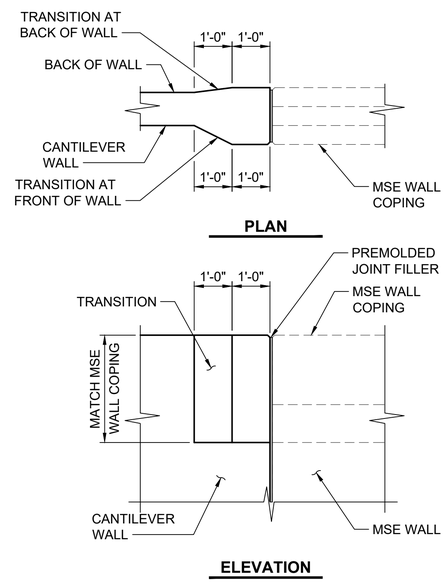


TYPICAL CONCRETE CANTILEVER WALL SECTION AT CUT

A
M08-SWD005
M08-SWD007

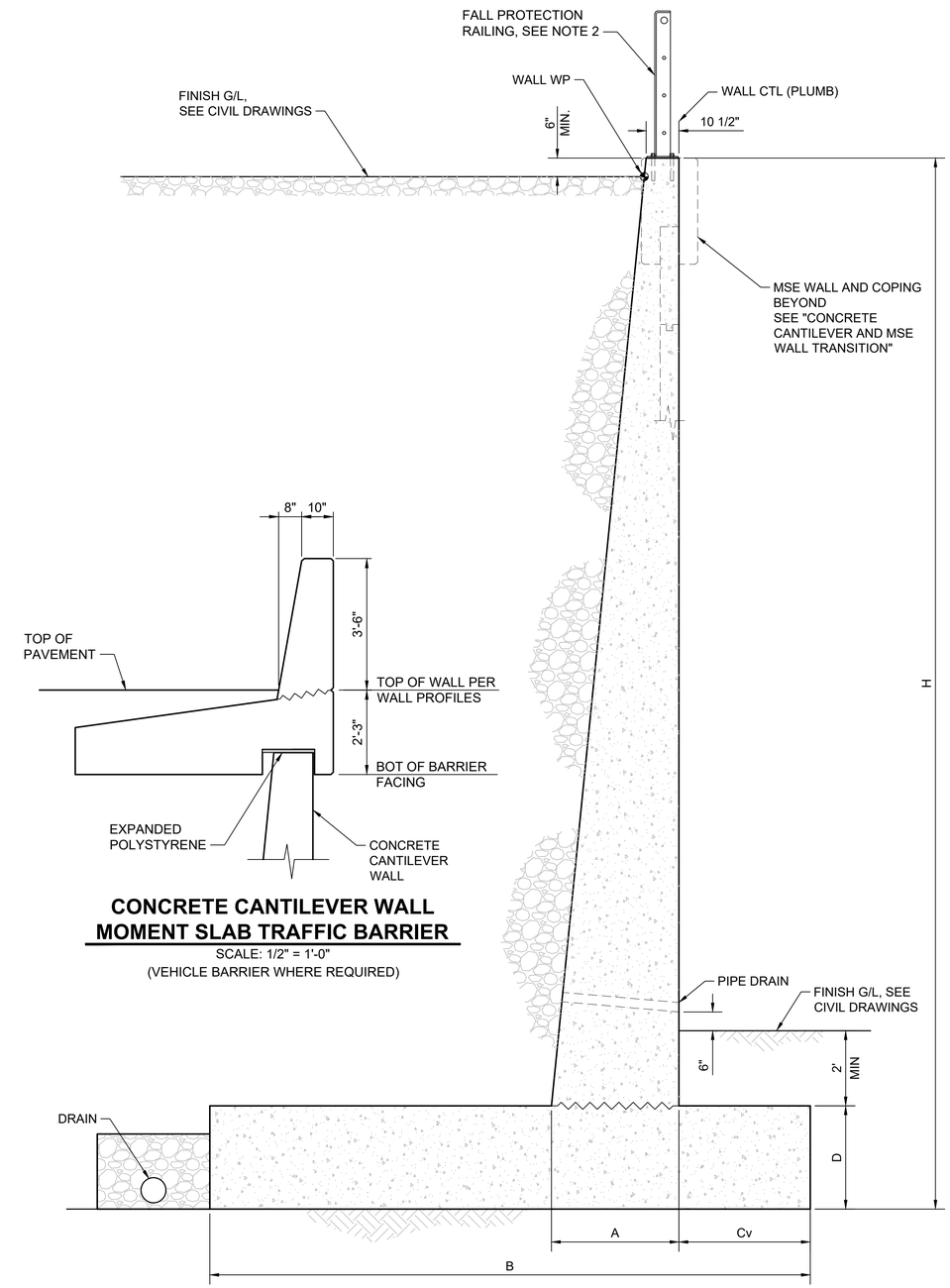
NOTES:

1. PIPE DRAIN SHALL BE 3-INCH DIAMETER PVC PIPE AT 8-FOOT ON CENTER.
2. SECURITY FENCE REQUIRED INSTEAD OF FALL PROTECTION RAILING WHEN DICTATED BY WALL HEIGHT.
3. BOTTOM OF WALL TO BE 2' BELOW BOTTOM OF TRACK BALLAST WHERE PRESENT.
4. WHERE WALL IS ADJACENT TO CITY OF FEDERAL WAY 3' UTILITY STRIP, LOCATE WALL BATTER ON EXPOSED FACE OF WALL. WALL WP AND CONTROL LINE SHALL BE LOCATED AT THE CURBLINE.
5. WHERE WALL IS ADJACENT TO CITY OF FEDERAL WAY 3' UTILITY STRIP AND A TRAFFIC BARRIER IS REQUIRED, DETAIL TRAFFIC BARRIER TO BE INTEGRAL WITH WALL FASCIA IN LIEU OF A MOMENT SLAB TRAFFIC BARRIER.



CONCRETE CANTILEVER WALL AND MSE WALL TRANSITION

SCALE: 1/2" = 1'-0"



CONCRETE CANTILEVER WALL MOMENT SLAB TRAFFIC BARRIER

SCALE: 1/2" = 1'-0"
(VEHICLE BARRIER WHERE REQUIRED)

TYPICAL CONCRETE CANTILEVER WALL SECTION AT FILL

B
M08-SWD008

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

AHJ:

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

PACKAGE #
SCALE:
FILENAME: OMFS-M08-SWD002
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
ROADWAY RETAINING WALL
TYPICAL CIP CANTILEVER WALL

DRAWING No.: **M08-SWD002**
FACILITY ID: M08
SHEET No.:
REV:

02/24/24 | 3:19 PM | VALENALV
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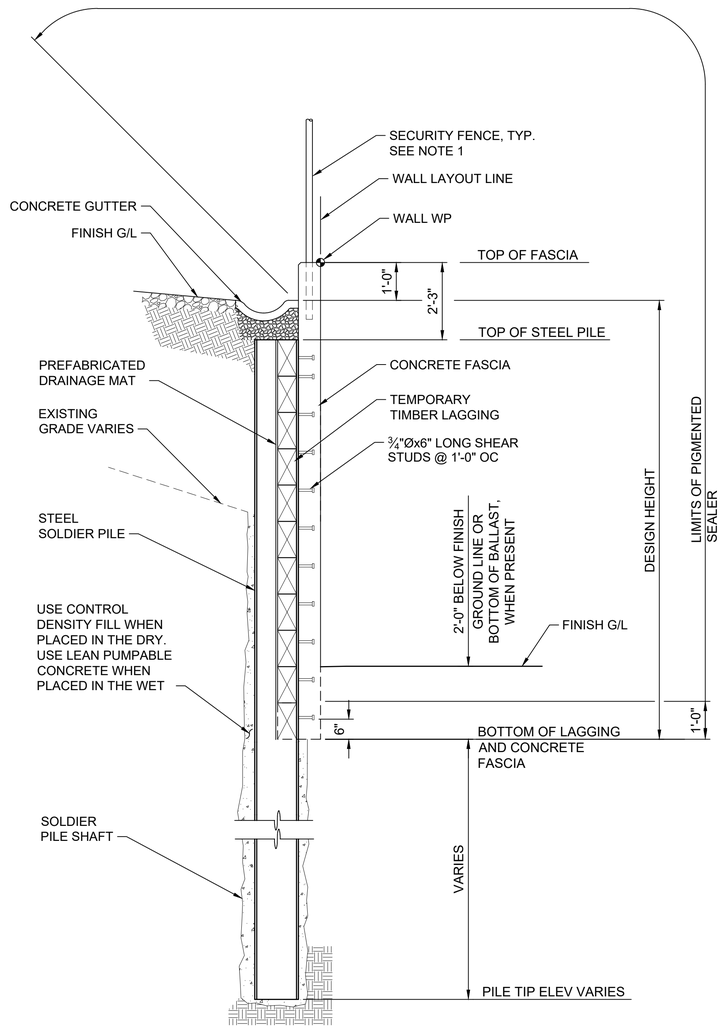

NOTES:

1. FALL PROTECTION RAILING TO BE USED INSTEAD FOR WALLS LOCATED OUTSIDE THE LIMITS OF THE SITE.

TYPICAL SOLDIER PILE WALL SECTION A -

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

AHJ:

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

PACKAGE #

SCALE:
FILENAME: OMFS-M08-SWD003
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
SITE RETAINING WALL
TYPICAL CANTILEVER SOLDIER PILE WALL

DRAWING No.: **M08-SWD003**
FACILITY ID: M08
SHEET No.:
REV:

02/24/24 | 3:21 PM | VALENALV
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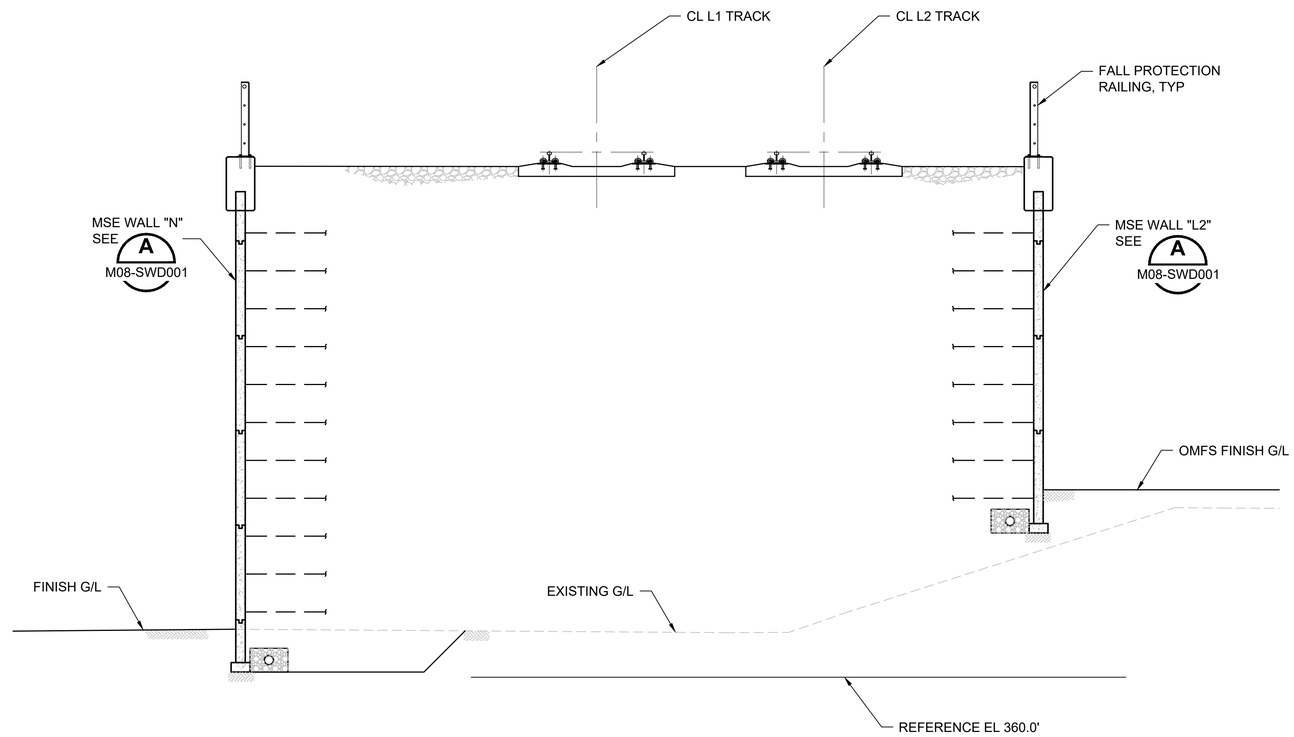

WALL SECTION A
SCALE: 1/4" = 1'-0" M08-SWP001

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

AHJ:

PRELIMINARY — BRANDY ROGERS, STATE OF WASHINGTON, 45420, REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

PACKAGE #
SCALE:
FILENAME: OMFS-M08-SWD004
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
SITE RETAINING WALL
MSE WALL SECTION AT WALLS N AND L2

DRAWING No.: **M08-SWD004**
FACILITY ID: M08
SHEET No.:
REV:

02/24/24 | 3:26 PM | VALENALV
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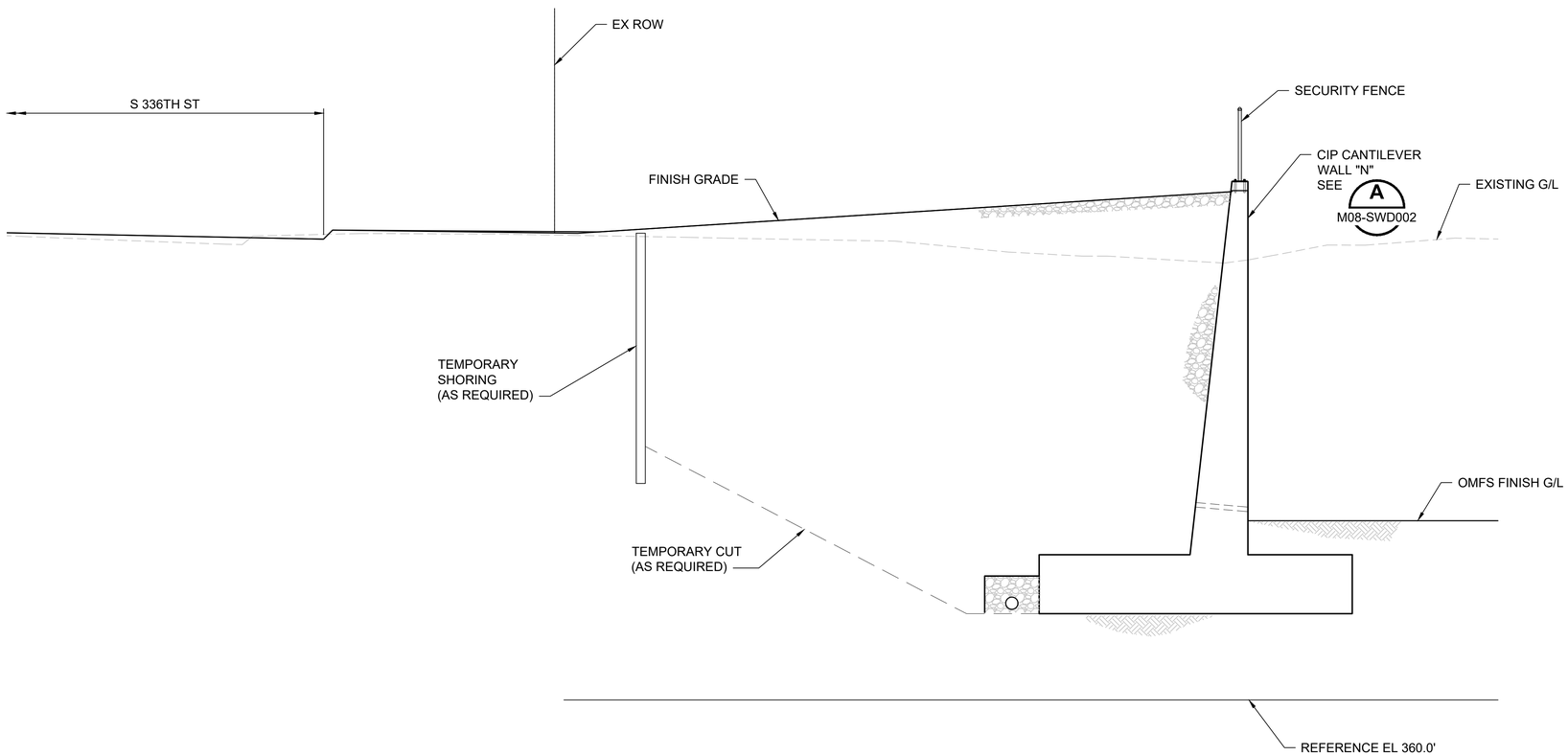


WALL SECTION B
SCALE: 1/4" = 1'-0" M08-SWP001

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

AHJ:

PRELIMINARY — BRANDY ROGERS, STATE OF WASHINGTON, REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

PACKAGE #
SCALE:
FILENAME: OMFS-M08-SWD005
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

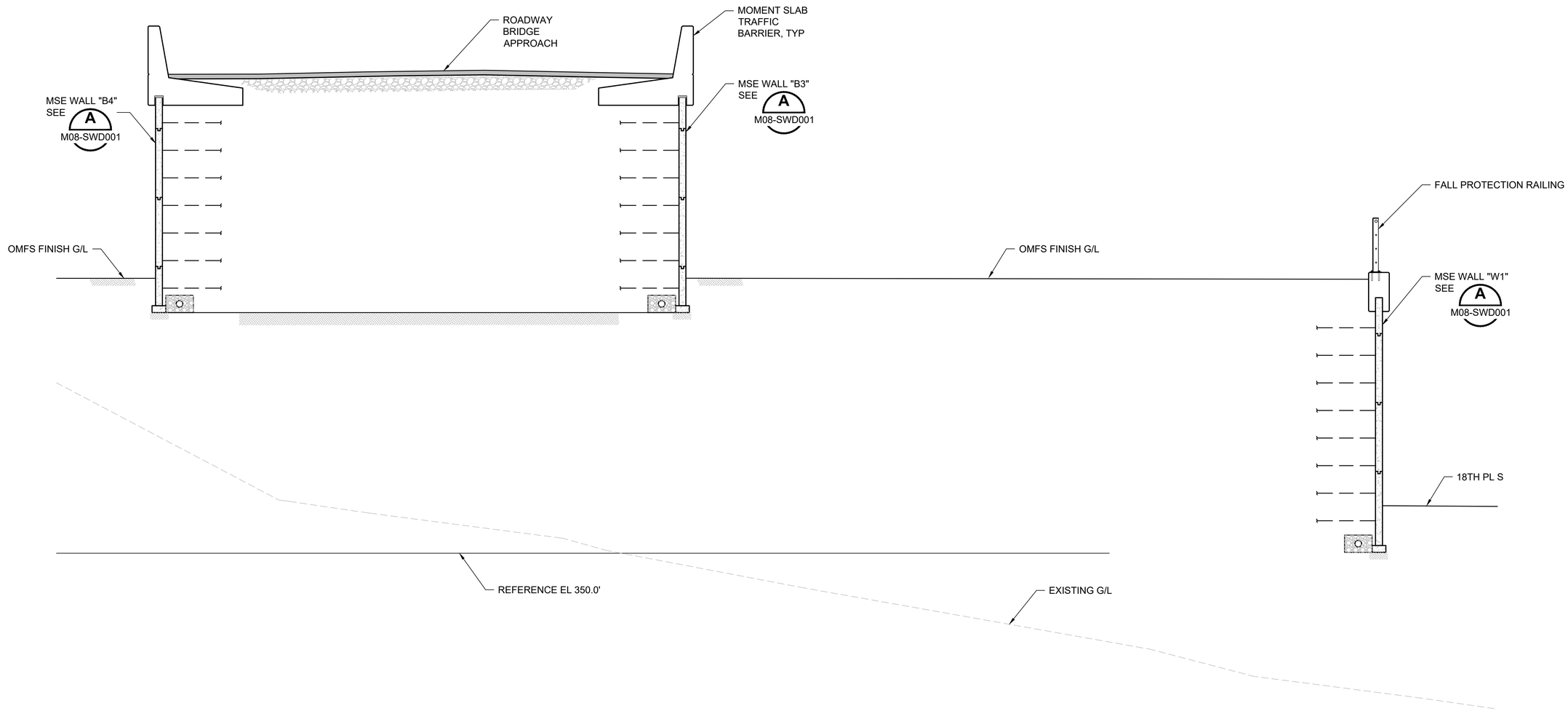
STRUCTURAL
SITE RETAINING WALL
CUT WALL SECTION AT WALL N

DRAWING No.: **M08-SWD005**
FACILITY ID: M08
SHEET No.: REV:

02/24/24 | 3:29 PM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SWD005.DWG

NOTES:

1. TIERED LANDSCAPING WALLS AT WALLS B3 AND W1, UNDER EVALUATION.



WALL SECTION E M08-SWP001

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

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

PRELIMINARY — BRANDY ROGERS, STATE OF WASHINGTON, 45420, REGISTERED PROFESSIONAL ENGINEER

AHJ:

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

PACKAGE #

SCALE:
FILENAME: OMFS-M08-SWD006
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
SITE RETAINING WALL
MSE WALL SECTION AT WALLS B3 AND B4

DRAWING No.: **M08-SWD006**
FACILITY ID: M08
SHEET No.:
REV:

02/24/24 3:32 PM | VALENALV
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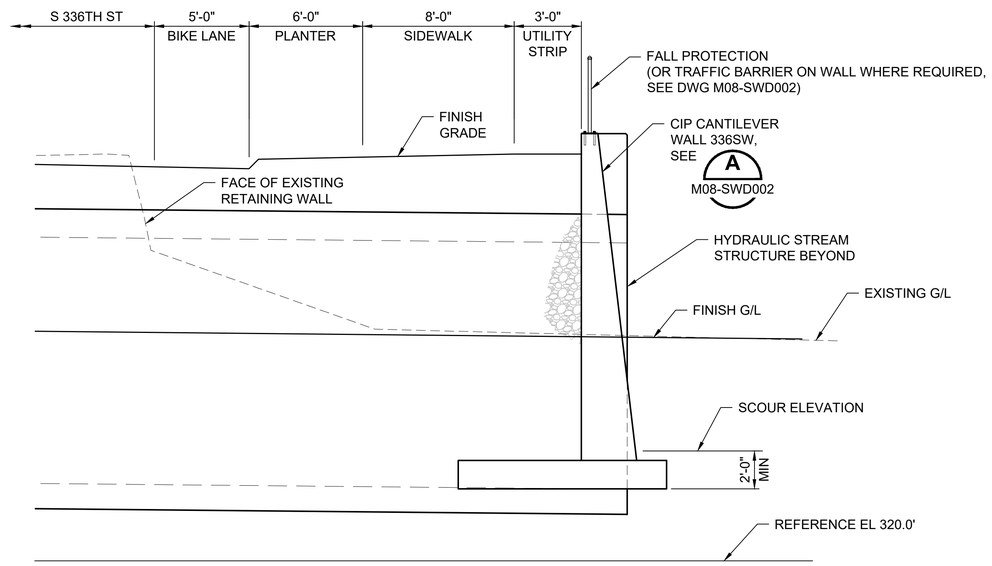


WALL SECTION D M08-SWP001

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

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

AHJ:

PRELIMINARY — BRANDY ROGERS, STATE OF WASHINGTON, 53420, REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

PACKAGE #

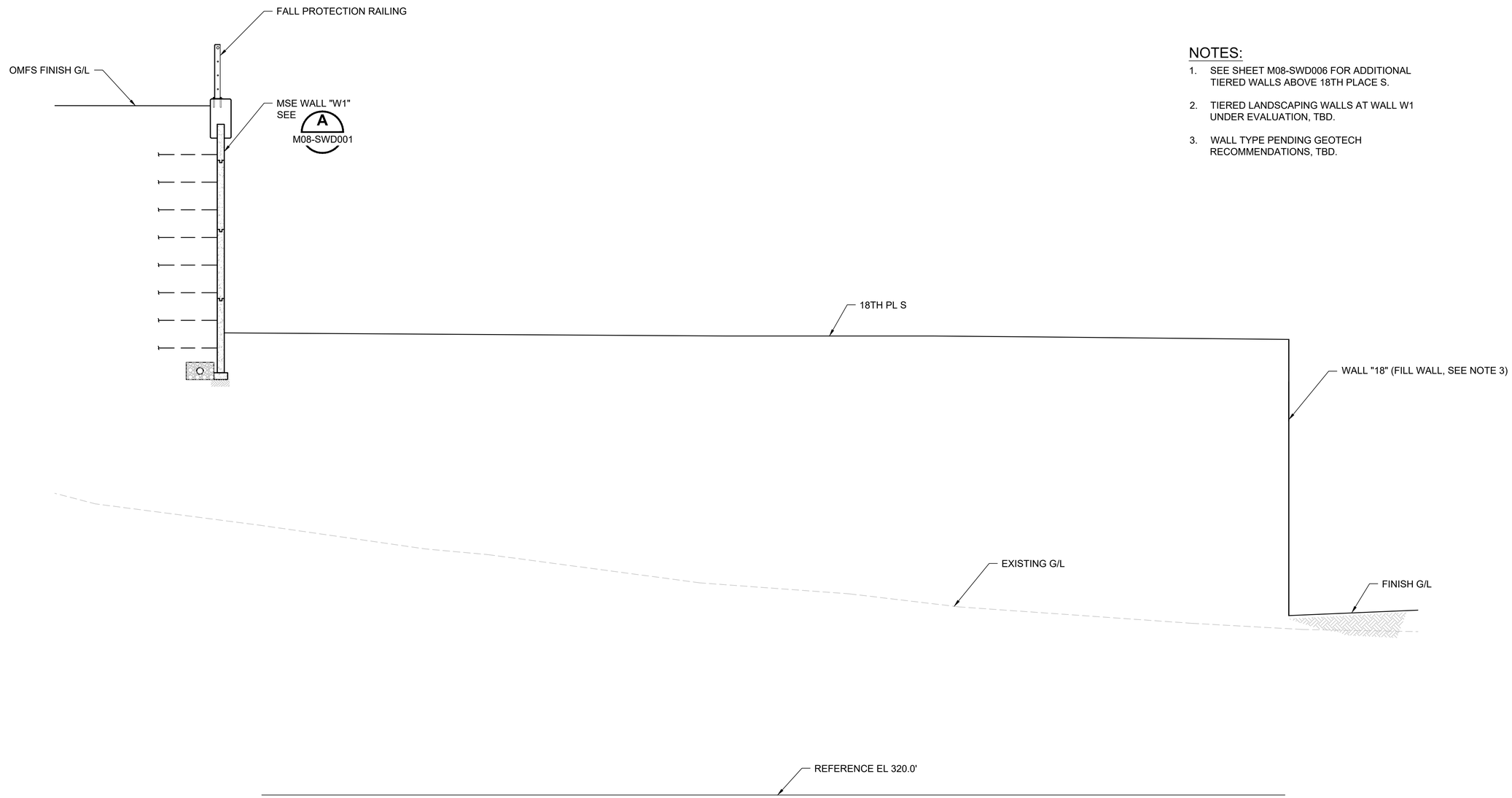
SCALE:
FILENAME: OMFS-M08-SWD007
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
ROADWAY RETAINING WALL
WALL 336SW SECTION AT S. 336TH ST

DRAWING No.: **M08-SWD007**
FACILITY ID: M08
SHEET No.:
REV:

02/24/24 | 3:47 PM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SWD007.DWG



NOTES:

1. SEE SHEET M08-SWD006 FOR ADDITIONAL TIERED WALLS ABOVE 18TH PLACE S.
2. TIERED LANDSCAPING WALLS AT WALL W1 UNDER EVALUATION, TBD.
3. WALL TYPE PENDING GEOTECH RECOMMENDATIONS, TBD.

WALL SECTION C
SCALE: 1/4" = 1'-0" M08-SWP001

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: B. ROGERS
DRAWN BY: A. VALENCIA
CHECKED BY: P.LI
APPROVED BY: B. ROGERS

AHJ:

PRELIMINARY — BRANDY ROGERS, STATE OF WASHINGTON, 45420, REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

PACKAGE #
SCALE:
FILENAME: OMFS-M08-SWD008
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
ROADWAY RETAINING WALL
TIERED WALL SECTION AT 18TH PL S

DRAWING No.: **M08-SWD008**
FACILITY ID: M08
SHEET No.:
REV:

02/24/24 | 3:51 PM | VALENALV
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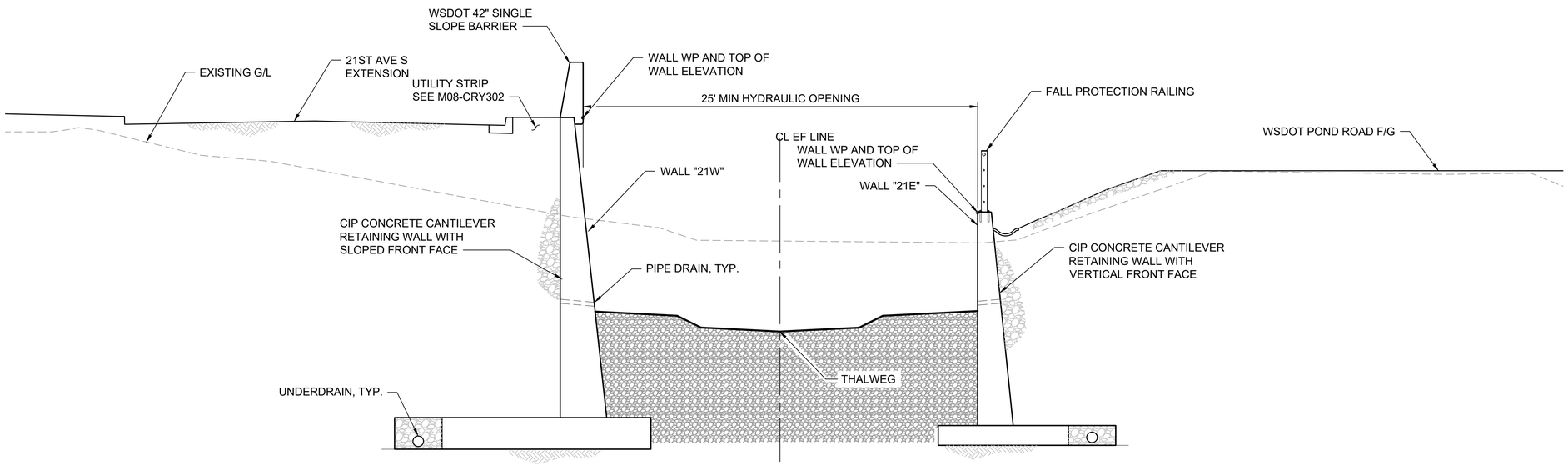

WALL SECTION

SCALE: 1/4" = 1'-0"
(LOOKING UPSTREAM)

A
M08-SWP502
M08-SWP503

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: K. MA
DRAWN BY: A. VALENCIA
CHECKED BY: B. CLARK
APPROVED BY: K. MA

AHJ:

PRELIMINARY — KENT MA — STATE OF WASHINGTON — 29029166 — REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

PACKAGE #

SCALE: 1/4"=1'-0"
FILENAME: OMFS-M08-SWD010
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
ROADWAY RETAINING WALLS
WALL SECTION AT WALLS 21W AND 21E

DRAWING No.: **M08-SWD010**
FACILITY ID: M08
SHEET No.:
REV:

02/26/24 | 3:56 PM | VALENALV
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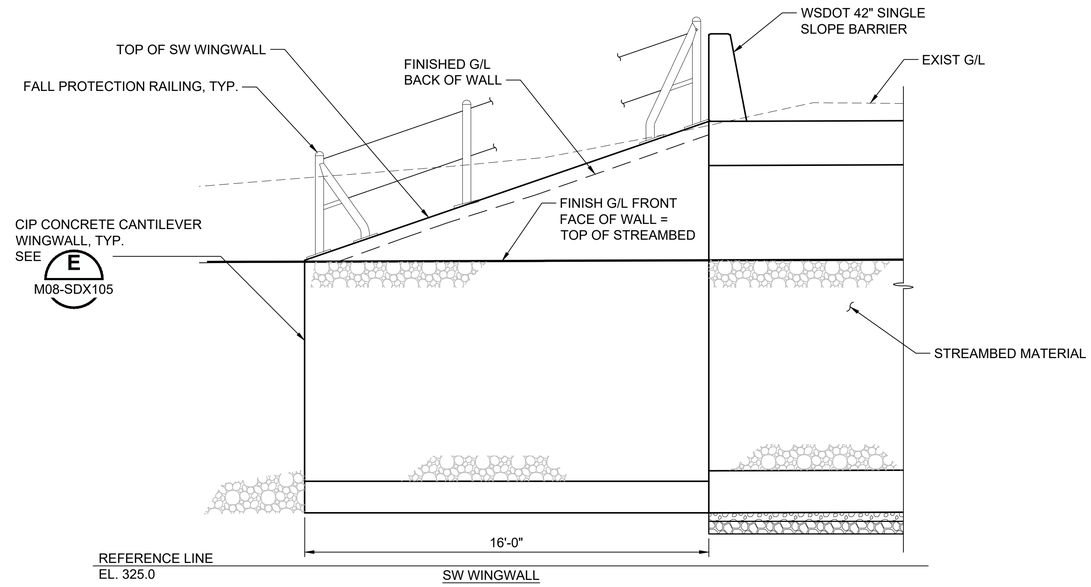
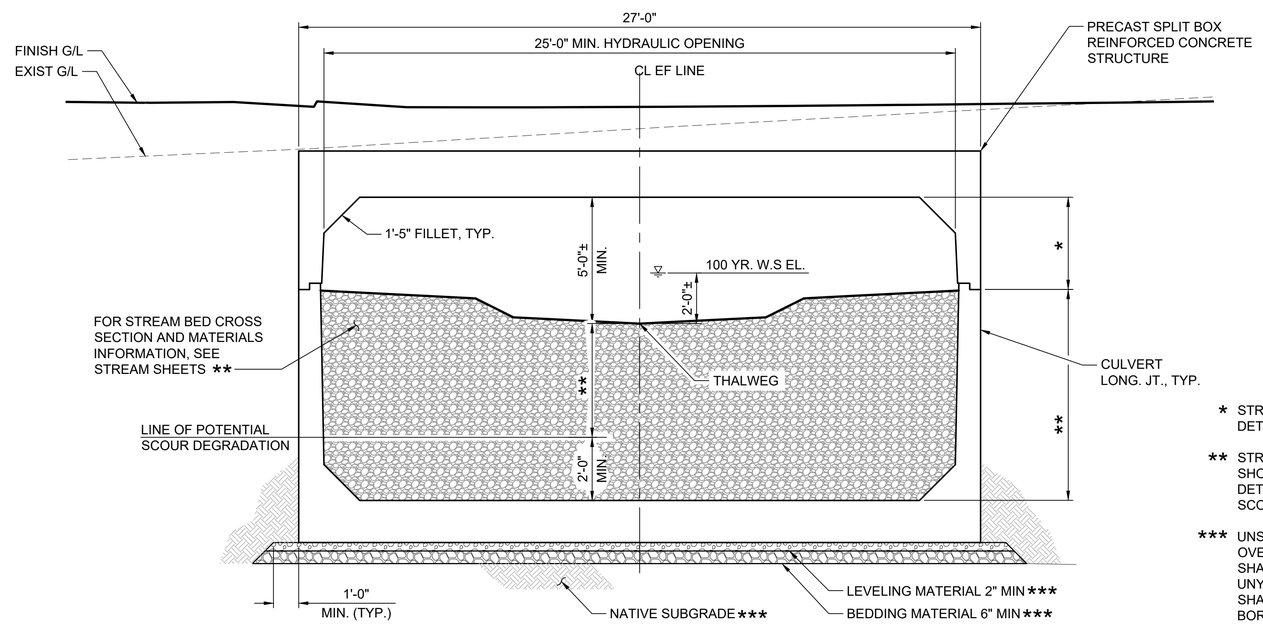


SECTION A SDP101

SW WINGWALL SHOWN, SE WINGWALL SIMILAR



TYPICAL SECTION

(LOOKING UPSTREAM)
DIMENSIONS MEASURED NORMAL TO EF LINE.

* STRUCTURE TYPE, SIZE, AND LOCATION TO BE DETERMINED BY THE DESIGN BUILDER.

** STREAMBED MATERIAL DEPTH AND CULVERT HEIGHT SHOWN ARE APPROXIMATE. FINAL DEPTH TO BE DETERMINED BY THE DESIGN BUILDER, PENDING FINAL SCOUR ANALYSIS.

*** UNSUITABLE NATIVE SUBGRADE SHALL BE OVEREXCAVATED AS REQUIRED. EXPOSED SUBGRADE SHALL BE PROOF-ROLLED TO A DENSE AND UNYIELDING CONDITION. THE REMOVED SUBGRADE SHALL BE REPLACED WITH COMPACTED SELECT BORROW PER WSDOT STANDARD SPECIFICATIONS SECTION 9-03.14(2), WITH STANDARD BEDDING AND LEVELING MATERIALS PER WSDOT STANDARD PLAN DETAIL E20-10.00 AND STANDARD SPECIFICATIONS SECTION 6-20.3(6) BE PLACED ON TOP OF THE COMPACTED SELECT BORROW.

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: K. MA
DRAWN BY: A. VALENCIA
CHECKED BY: B. CLARK
APPROVED BY: K. MA

AHJ:

PACKAGE #

STATE OF WASHINGTON KENT MA 29029166 REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

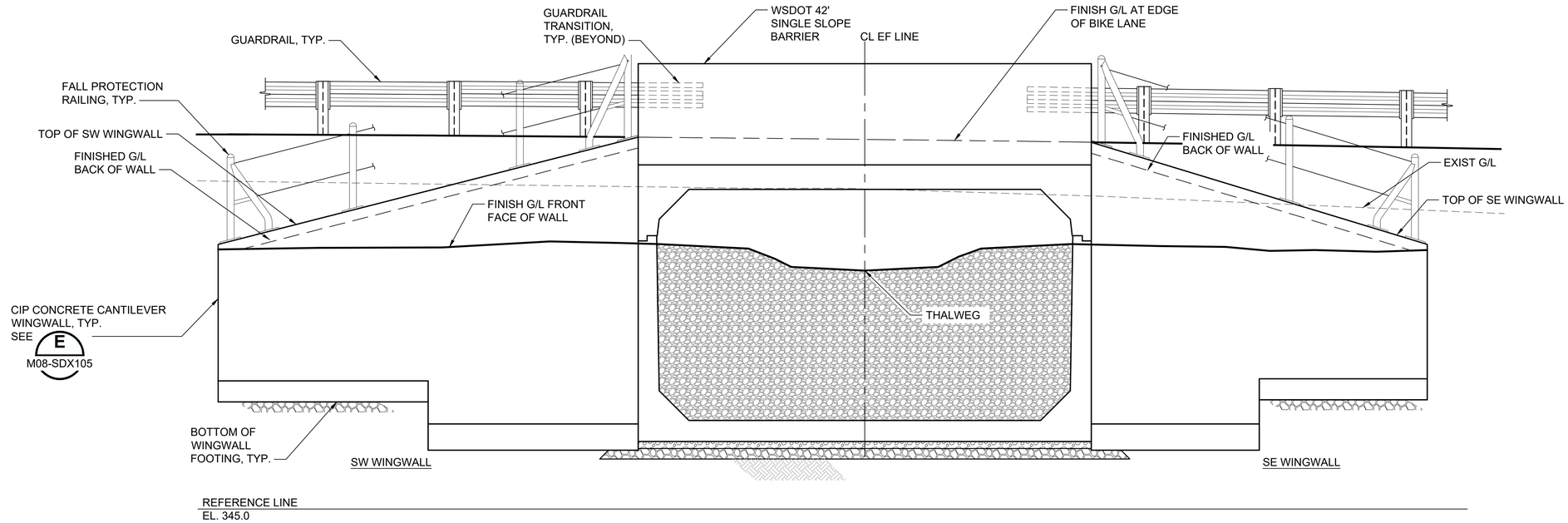
SCALE: NTS
FILENAME: OMFS-M08-SDX101
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
HYDRAULIC STRUCTURE 1
SECTION

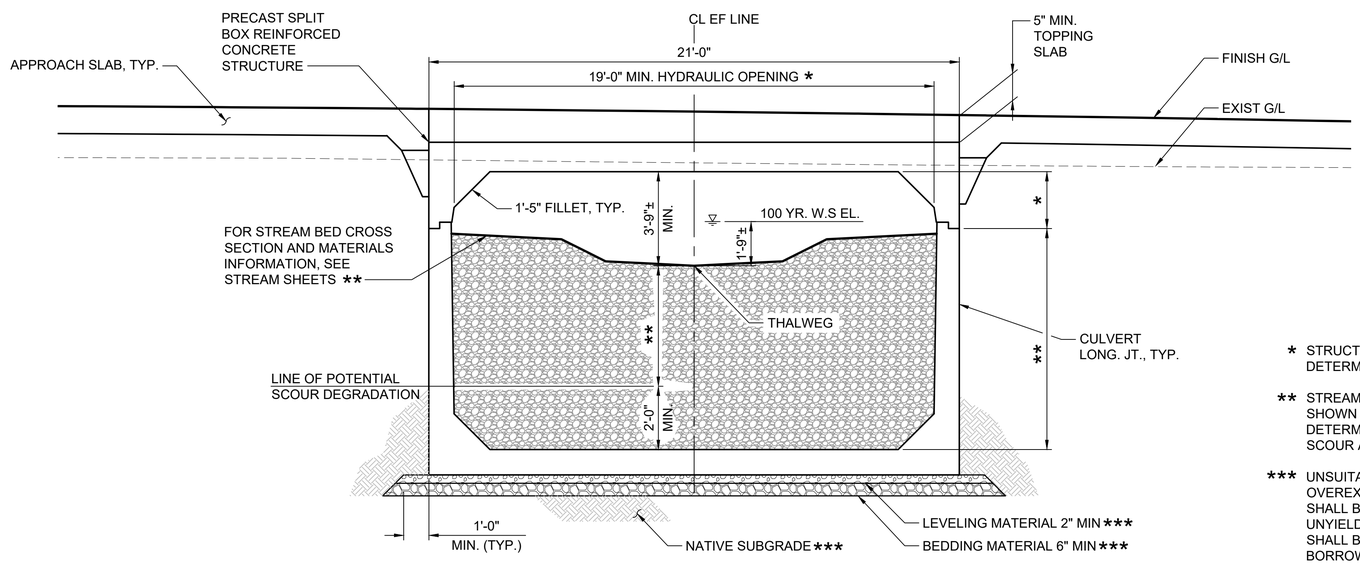
DRAWING No.: **M08-SDX101**
FACILITY ID: M08
SHEET No.:
REV:

02/26/24 | 2:25 PM | VALENALV
C:\PWWORKING\WEST01\D2772718\OMFS-M08-SDX101.DWG



SECTION B SDP102

(LOOKING UPSTREAM)
SOUTH END SHOWN,
NORTH END SIMILAR



TYPICAL SECTION

(LOOKING UPSTREAM)
DIMENSIONS MEASURED NORMAL TO EF LINE.

* STRUCTURE TYPE, SIZE, AND LOCATION TO BE DETERMINED BY THE DESIGN BUILDER.

** STREAMBED MATERIAL DEPTH AND CULVERT HEIGHT SHOWN ARE APPROXIMATE. FINAL DEPTH TO BE DETERMINED BY THE DESIGN BUILDER, PENDING FINAL SCOUR ANALYSIS.

*** UNSUITABLE NATIVE SUBGRADE SHALL BE OVEREXCAVATED AS REQUIRED. EXPOSED SUBGRADE SHALL BE PROOF-ROLLED TO A DENSE AND UNYIELDING CONDITION. THE REMOVED SUBGRADE SHALL BE REPLACED WITH COMPACTED SELECT BORROW PER WSDOT STANDARD SPECIFICATIONS SECTION 9-03.14(2), WITH STANDARD BEDDING AND LEVELING MATERIALS PER WSDOT STANDARD PLAN DETAIL E20-10.00 AND STANDARD SPECIFICATIONS SECTION 6-20.3(6) BE PLACED ON TOP OF THE COMPACTED SELECT BORROW.

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: K. MA
DRAWN BY: A. VALENCIA
CHECKED BY: B. CLARK
APPROVED BY: K. MA

AHJ:

PRELIMINARY — KENT M. A. CLARK — STATE OF WASHINGTON — 29039165 — REGISTERED PROFESSIONAL ENGINEER

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

PACKAGE #

SCALE: NTS
FILENAME: OMFS-M08-SDX101
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
HYDRAULIC STRUCTURE 2
SECTION

DRAWING No.: **M08-SDX102**
FACILITY ID: M08
SHEET No.:
REV:

02/26/24 | 4:05 PM | VALENALV
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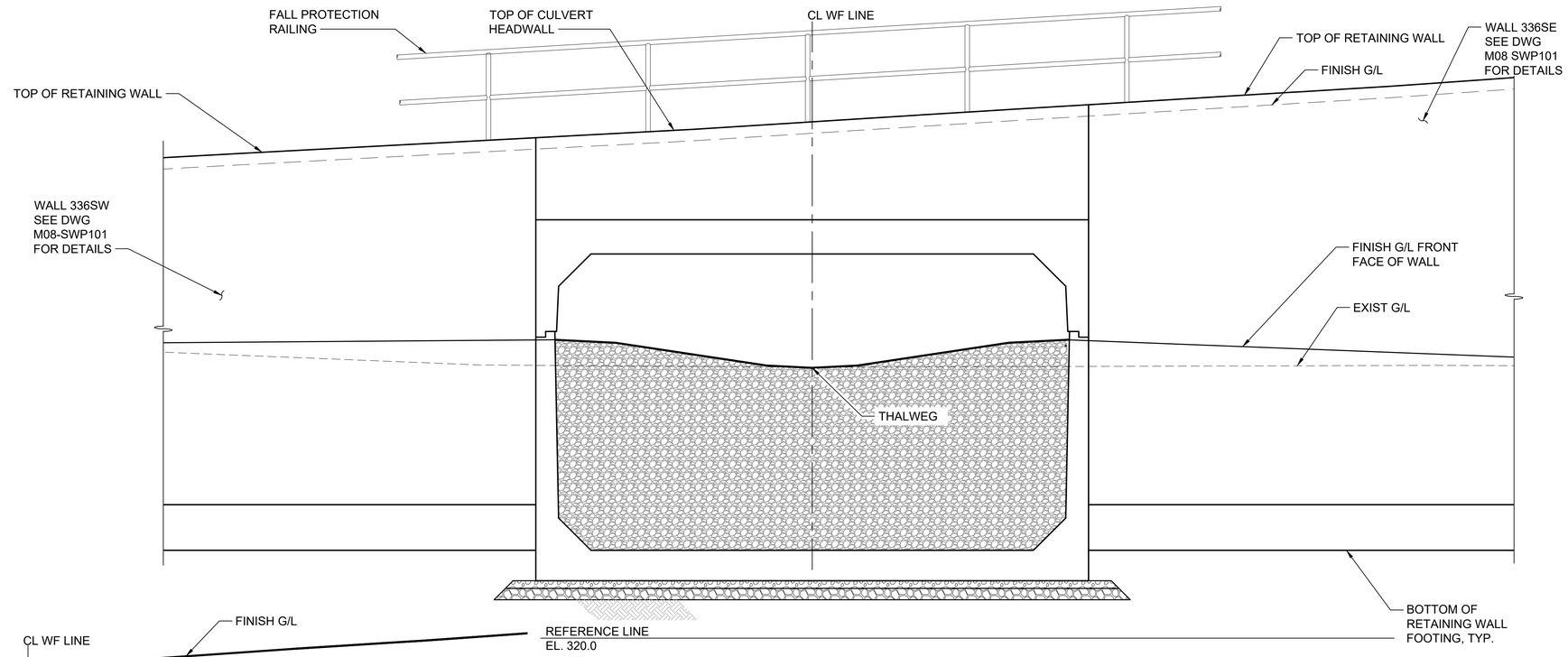
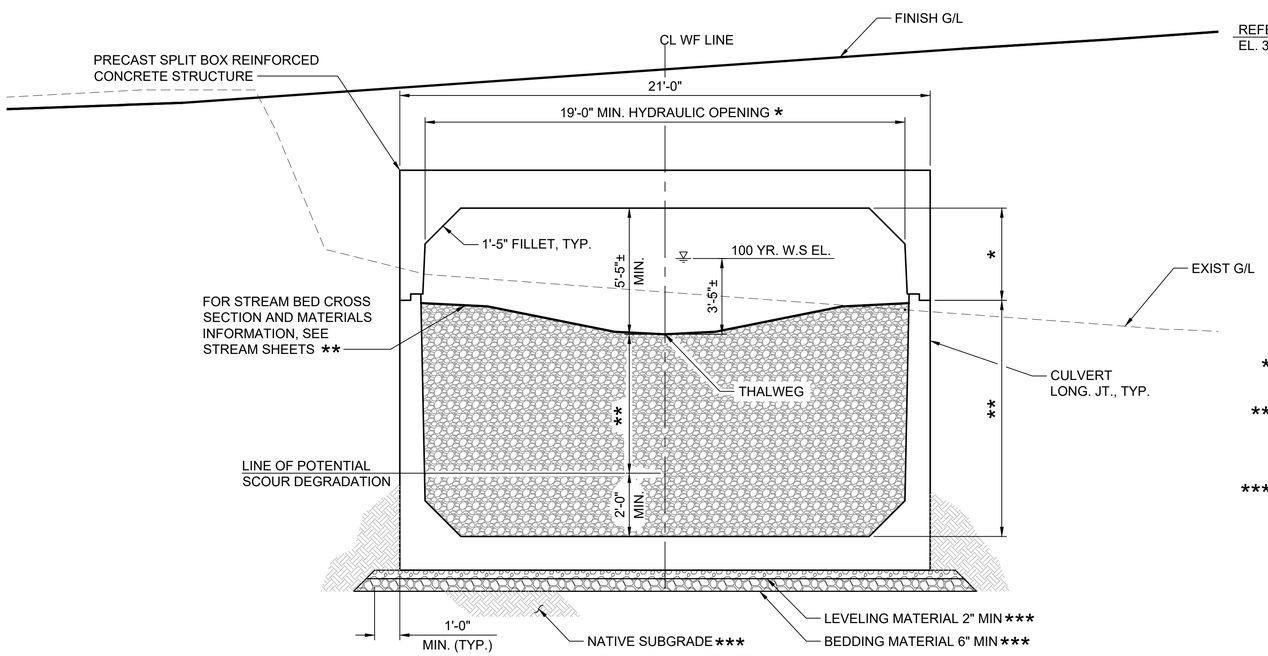


SECTION C SDP103

(LOOKING UPSTREAM)



TYPICAL SECTION

(LOOKING UPSTREAM)
DIMENSIONS MEASURED NORMAL TO WF LINE

* STRUCTURE TYPE, SIZE, AND LOCATION TO BE DETERMINED BY THE DESIGN BUILDER.

** STREAMBED MATERIAL DEPTH AND CULVERT HEIGHT SHOWN ARE APPROXIMATE. FINAL DEPTH TO BE DETERMINED BY THE DESIGN BUILDER, PENDING FINAL SCOUR ANALYSIS.

*** UNSUITABLE NATIVE SUBGRADE SHALL BE OVEREXCAVATED AS REQUIRED. EXPOSED SUBGRADE SHALL BE PROOF-ROLLED TO A DENSE AND UNYIELDING CONDITION. THE REMOVED SUBGRADE SHALL BE REPLACED WITH COMPACTED SELECT BORROW PER WSDOT STANDARD SPECIFICATIONS SECTION 9-03.14(2), WITH STANDARD BEDDING AND LEVELING MATERIALS PER WSDOT STANDARD PLAN DETAIL E20-10.00 AND STANDARD SPECIFICATIONS SECTION 6-20.3(6) BE PLACED ON TOP OF THE COMPACTED SELECT BORROW.

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: K. MA
DRAWN BY: A. VALENCIA
CHECKED BY: B. CLARK
APPROVED BY: K. MA

AHJ:

PACKAGE #

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SCALE: NTS
FILENAME: OMFS-M08-SDX101
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
HYDRAULIC STRUCTURE 3
SECTION

DRAWING No.: **M08-SDX103**
FACILITY ID: M08
SHEET No.:
REV:

02/26/24 | 2:43 PM | VALENALV
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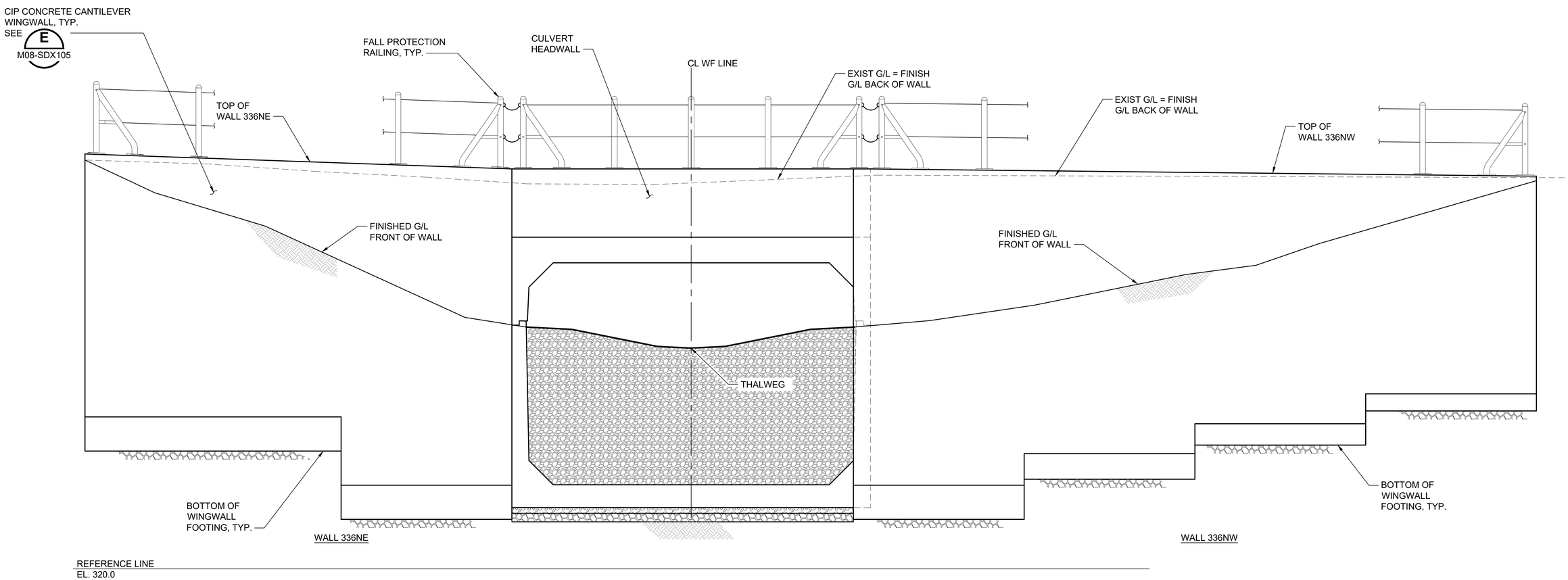

SECTION D / SDP103
(LOOKING DOWNSTREAM)

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: K. MA
DRAWN BY: A. VALENCIA
CHECKED BY: B. CLARK
APPROVED BY: K. MA

AHJ:

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

PACKAGE #

SCALE: NTS
FILENAME: OMFS-M08-SDX101
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
HYDRAULIC STRUCTURE 3
SECTION

DRAWING No.: **M08-SDX104**
FACILITY ID: M08
SHEET No.:
REV:

02/25/24 | 7:25 AM | VALENALV
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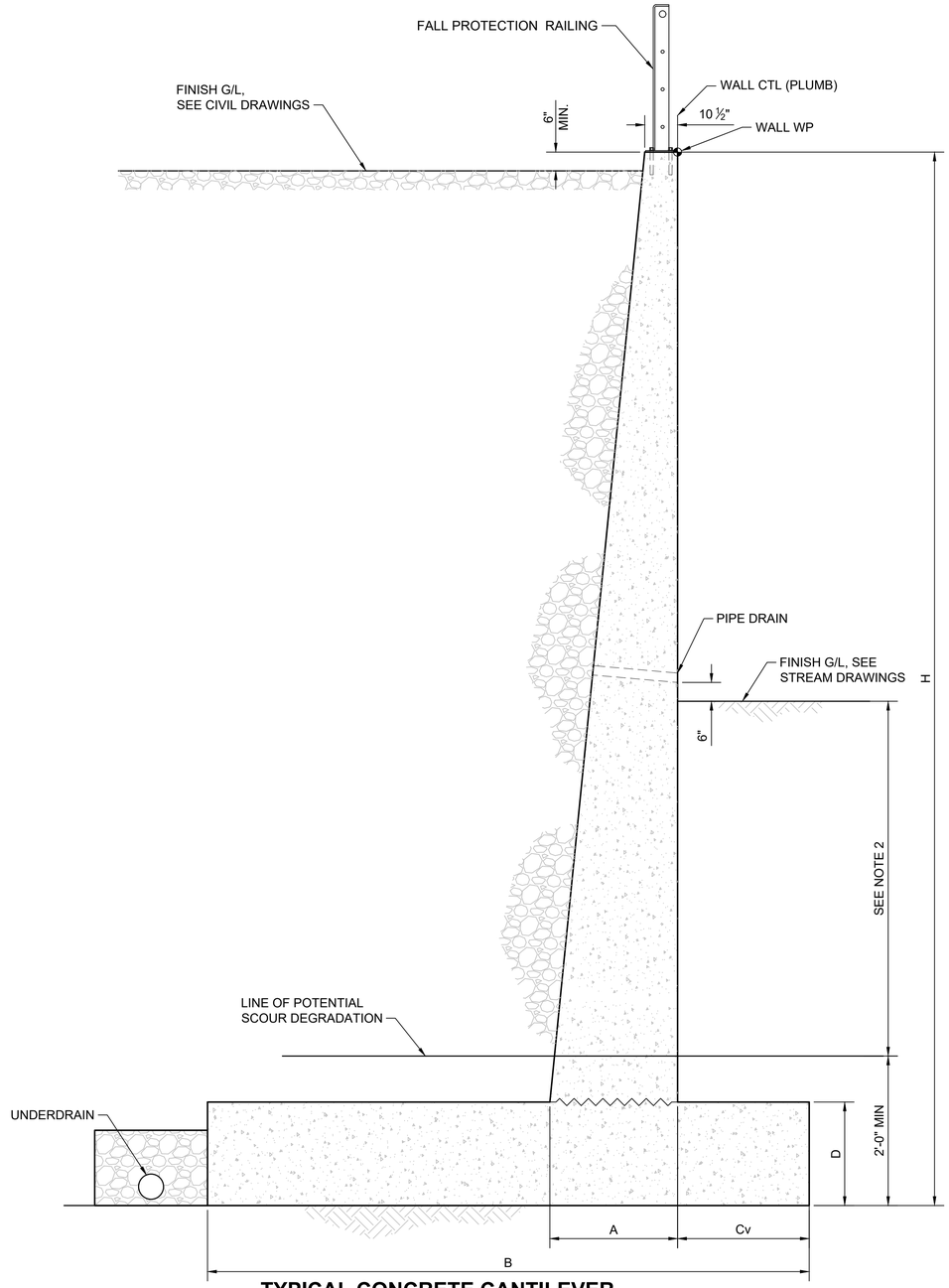

TYPICAL CONCRETE CANTILEVER WINGWALL SECTION E

SDX101, SDX102, SDX104

NOTES:

1. PIPE DRAIN SHALL BE 3-INCH DIAMETER PVC PIPE SPACED AT 8-FOOT ON CENTER MINIMUM.
2. BOTTOM OF WINGWALL FOOTING ELEVATION TO BE DETERMINED BY THE DESIGN BUILDER, PENDING FINAL SCOUR ANALYSIS.

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: K. MA
DRAWN BY: A. VALENCIA
CHECKED BY: B. CLARK
APPROVED BY: K. MA

AHJ:

KENT MA STATE OF WASHINGTON 22029165 REGISTERED PROFESSIONAL ENGINEER — PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 2/27/2024
REVIEWED BY:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

PACKAGE #

SCALE: NTS
FILENAME: OMFS-M08-SDX101
CONTRACT No.: AE-0030-17
DATE: 2/27/2024

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

STRUCTURAL
HYDRAULIC STRUCTURE WINGWALLS
TYPICAL CIP CANTILEVER WALL

DRAWING No.: **M08-SDX105**
FACILITY ID: M08
SHEET No.:
REV:

02/25/24 | 7:40 AM | VALENALV
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GENERAL NOTES

G1. SCOPE
THE NOTES ON THIS SHEET AND THE STANDARD STRUCTURAL DETAILS ARE GENERAL AND APPLY TO THE ENTIRE PROJECT WHETHER SPECIFICALLY CALLED OUT OR NOT, EXCEPT WHERE THERE ARE QUESTIONS, THEY SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER AND ANSWERED IN WRITING PRIOR TO CONSTRUCTION.

G2. ALL DETAILS, MEMBER SIZES, REINFORCEMENTS, AND ATTACHMENT DETAILS SHOWN IN THIS SET ARE FOR REFERENCE ONLY. DESIGN-BUILDER SHALL BE RESPONSIBLE FOR DESIGN AND PERFORMANCE OF ALL STRUCTURAL ELEMENTS SPECIFIC TO THEIR DESIGN (OR SIMILAR).

G3. APPLICABLE SPECIFICATIONS AND CODES
1. INTERNATIONAL BUILDING CODE, (IBC 2021) WITH APPLICABLE EDITIONS OF THE CODE REFERENCED STANDARDS.
2. LOCAL JURISDICTION AMENDMENTS

G4. DESIGN CRITERIA
1. APPLIES TO ALL STRUCTURES (UNO):
   A. DEAD LOAD:
      1. ACTUAL TRIBUTARY STRUCTURE WEIGHT
      2. SUPERIMPOSED DEAD LOAD
         a. ROOF COLLATERAL LOAD: 15 PSF
         b. ROOF ACTUAL SOLAR PANEL SYSTEM WEIGHT
         c. ACTUAL WEIGHT OF FIXED SERVICE EQUIPMENT INCLUDING CRANES AND MATERIAL HANDLING SYSTEMS
         d. ACTUAL WEIGHT OF NON-STRUCTURAL MATERIALS AND CONSTRUCTION
   B. LIVE LOAD:
      1. 2ND FLOOR OFFICE CORRIDORS: 80 PSF
      2. 1ST FLOOR LOBBIES AND CORRIDORS: 100 PSF
      3. OFFICES: 50 PSF
      4. ELEVATED MAINTENANCE PLATFORMS: 125 PSF
      5. 2ND FLOOR STORAGE AREAS: 125 PSF
      6. STAIRS AND EXITS: 100 PSF
      7. MAINTENANCE SLAB ON GRADE: 250 PSF
      8. ROOFS 20 PSF (NOT REDUCIBLE)
      9. RATED CAPACITY OF CRANES AND MATERIAL HANDLING SYSTEMS
      10. FALL ARREST, LIFELINE AND ROPE DESCENT SYSTEM ANCHORAGES: 3100 LB MIN (IN ANY DIRECTION)
   C. ROOF SNOW LOAD:
      1. GROUND SNOW LOAD, pg: 20 PSF
      2. FLAT-ROOF SNOW LOAD, pf: 15 PSF
      3. SNOW EXPOSURE FACTOR, Ce: 0.9
      4. SNOW LOAD IMPORTANCE FACTOR, IS: 1.1
      5. THERMAL FACTOR, Ct: 1.1
      6. SLOPE FACTOR, Cs: 1
      7. DRIFT SURCHARGE LOADS, pd: VARIES
      8. SNOW DRIFT WIDTHS, w: VARIES
   D. WIND DESIGN DATA:
      1. BASIC WIND SPEED: 104 MPH
      2. ASD WIND SPEED: 81 MPH
      3. RISK CATEGORY: III
      4. WIND EXPOSURE CATEGORY: B
      5. INTERNAL PRESSURE COEFFICIENT: ±0.18
      6. MAXIMUM ROOF COMPONENT AND CLADDING PRESSURE: 60 PSF
      7. MAXIMUM WALL COMPONENT AND CLADDING PRESSURE: 24 PSF
   E. SEISMIC DESIGN DATA:
      1. RISK CATEGORY: III
      2. SEISMIC IMPORTANCE FACTOR, Ie: 1.25
      3. MAPPED SPECTRAL ACCELERATION, S_S: 1.313
      4. MAPPED SPECTRAL ACCELERATION, S_1: 0.451
      5. SITE CLASS: C
      6. DESIGN SPECTRAL ACCELERATION, S_{DS}: 1.05
      7. DESIGN SPECTRAL ACCELERATION, S_{D1}: 0.451
      8. SEISMIC DESIGN CATEGORY: D
      9. BASIC SEISMIC FORCE-RESISTING SYSTEM (ASSUMED): SPECIAL STEEL MOMENT FRAMES
      10. ANALYSIS PROCEDURE: EQUIVALENT LATERAL FORCE
      11. RESPONSE MODIFICATION FACTOR, R (ASSUMED): 8
      12. SEISMIC RESPONSE COEFFICIENT, CS: VARIES
      13. DESIGN BASE SHEAR: VARIES
   F. FLOOD DESIGN DATA: DOES NOT APPLY
   G. ROOF RAIN DATA
      1. ROOF RAIN INTENSITY, i: 2 IN/HR

G5. THE FOLLOWING NON-CONTRACTUAL GEOTECHNICAL REPORT WAS DEVELOPED FOR THIS PROJECT AND IS THE BASIS OF THIS STRUCTURAL DESIGN:
GEOTECHNICAL FIRM NAME: SHANNON & WILSON
ADDRESS: 400 N 34TH ST SUITE 100, SEATTLE, WA 98103
REPORT NUMBER:
REPORT DATE:
ALLOWABLE SOIL BEARING = 5,000 PSF

G6. SAFETY
SAFETY AND STRUCTURE STABILITY DURING CONSTRUCTION ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR, STRUCTURES HAVE BEEN DESIGNED TO RESIST THE DESIGN LIVE LOADS ONLY AS A COMPLETED STRUCTURE.

G6. OPENINGS
OPENING FOR PIPES, DUCTS, CONDUITS, ETC. ARE NOT ALL SHOWN ON THE STRUCTURAL DRAWINGS. COORDINATE AND PROVIDE OPENINGS AS RQUIRED TO ACCOMMODATE ALL WORK SHOWN OR SPECIFIED IN THE CONTRACT DOCUMENT AND OTHERWISE REQUIRED FOR THE FURNISHING OF A FUNCTIONALLY COMPLETE PROJECT. REINFORCE AROUND OPENINGS PER STANDARD STRUCTURAL DETAILS UNLESS OTHERWISE SHOWN.

G7. SPECIAL INSPECTIONS
SPECIAL INSPECTIONS ARE REQUIRED IN ACCORDANCE WITH CHAPTER 1 AND CHAPTER 17 OF THE IBC. PAYMENT FOR THESE INSPECTIONS IS NOT THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE FOR FULL ACCESS TO THE WORK BY THE SPECIAL INSPECTOR AND SHALL PROVIDE FOR THESE INSPECTIONS IN HIS CONSTRUCTION SCHEDULE IN ACCORDANCE WITH THE SPECIFICATIONS.

G8. STANDARD DETAILS
THE STANDARD DETAILS DEPICT TYPICAL DETAILING TO BE USED ON THIS PROJECT. IF CONDITIONS ARE NOT EXPLICITLY SHOWN ON THE DRAWINGS THEY SHALL BE MADE SIMILAR TO THE STANDARD DETAILS. OBTAIN APPROVAL OF ENGINEER IN WRITING FOR SIMILAR CONDITIONS PRIOR TO CONSTRUCTION.

G9. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND ELEVATIONS OF EXISTING CONSTRUCTION AS REQUIRED TO COORDINATE NEW CONSTRUCTION. SUBMITE REQUIRED CHANGES FOR APPROVAL

G10. CONTACTOR TO SUBMIT FOR REVIEW ALL EQUIPMENT SIZES, OPERATING WEIGHTS, VIBRATION FORCES, SUPPORT LOCATIONS, ALONG WITH ANY FLOOR OPENINGS, NOTCHES, AND RECESSES REQUIRED BY SUCH EQUIPMENT. CONCRETE SUPPORT PADS AND/OR FRAMING REQUIRED TO SUPPORT SAID EQUIPMENT SHALL NOT BE FABRICATED AND PLACED UNTIL THE CONCRRETE SUPPORT PADS AND/OR FRAMING IS APPROVED TO SUPPORT THE EQUIPMENT.

CONCRETE

C1. DESIGN STRENGTHS:
F'c = 4,500 PSI
Fy = 60,000 PSI

C2. CONCRETE COVER
UNLESS OTHERWISE NOTED, PROVIDE CONCRETE COVER FOR REINFORCING AS FOLLOWS:
CONCRETE DEPOSITED AGAINST EARTH: 3"
ALL OTHER: 2"
SEE DRAWINGS FOR EXCEPTIONS

C3. SEE SPECIFICATIONS FOR REINFORCING PLACEMENT REQUIREMENTS.

C4. REFER TO OTHER DISCIPLINE DRAWINGS PRIOR TO CONSTRUCTION FOR EMBEDDED ITEMS AND PENETRATIONS NOT SHOWN ON STRUCTURAL DRAWINGS AS REQUIRED TO ACCOMMODATE ALL WORK SHOWN OR SPECIFIED IN THE CONTRACT DOCUMENTS AND OTHERWISE REQUIRED FOR THE FURNISHINGS OF A FUNCTIONALLY COMPLETE PROJECT. REINFORCE AROUND OPENINGS PER STANDARD STRUCTURAL DETAILS UNLESS OTHERWISE SHOWN.

C5. PROVIDE 3/4" CHAMFERS AT ALL EXPOSED EDGES AND 1/2" CHAMFERS AT JOINTS AS SHOWN. NOT ALL CHAMFERS MAY BE SHOWN ON DRAWINGS.

C6. FIELD ADJUST REINFORCING AT OPENINGS AND EMBEDDED ITEMS AS INDICATED.

C7. ANCHOR BOLTS NOT SPECIFIED BY ENGINEER SHALL BE DSIGNED AND CERTIFIED BY A REGISTERED PROFESSIONAL ENGINEER, RETAINED BY THE CONTRACTOR, IN ACCORDANCE WITH APPLICABLE PROJECT AND CODE REQUIREMENTS. SUBMIT AS A SHOP DRAWING FOR REVIEW AND APPROVAL BY THE ENGINEER. CORRDINATELOCATION, SIZE AND EMBEDMENT PRIOR TO CASTING CONCRETE.

C8. CONTINUOUS WATERSTOP SHALL BE INSTALLED IN JOINTS SUBJECT TO STATIC WATER PRESSURE.

C9. NO WELDING OF REINFORCING BARS OR TORCHING TO BEND REINFORCING BARS SHALL BE ALLOWED WITHOUT SPECIFIC APPROVAL FROM THE STRUCTURAL ENGINEER.

C10. CONTRACTOR SHALL SUBMIT A CONCRETE PLACMENT PLAN IDENTIFYING JOINT TYPES, JOINT LOCATIONS AND CONCRETE PLACEMENT SEQUENCE.

C11. ALL CAST IN PLACE AND POST-INSTALLED ANCHORS INDICATED IN THE STRUCTURAL DOCUMENTS SHALL COMPLY WITH APPENDIX D OF ACI 318 AND CHAPTER 19 OF THE IBC. ALL EXPANSION AND ADHSIVE ANCHORS SHALL HAVE THE ICC REPORT SHOWING EQUIVALENT LOAD CAPACITY. SUBMIT AND INSTALL PER THE ICC EVALUATION REPORT.

C12. CONCRETE SLABS-ON-GRADE ARE DESIGNED AS STRUCTURAL DIAPHRAGMS

STEEL

S1. DESIGN STRENGTHS:
WIDE FLANGE AND TEES: Fy = 50 KSI
PIPES: Fy = 35 KSI
STAINLESS STEEL: Fy = 33 KSI
HSS SECTIONS: Fy = 46 KSI
ALL OTHER PLATES AND SHAPES: Fy = 36 KSI

S2. DIMENSIONS:
TO CENTERLINES OF COLUMNS AND BEAMS, TOP SURFACES OF BEAMS AND TUBES AND BACKS OF CHANNELS AND ANGLES UNO.

S3. ELEVATIONS:
TOP OF STEEL REFERS TO TOP SURFACE OF MEMBER OR FLANGE UNO.

S4. WHEN FILLET WELD SIZE IS NOT INDICATED, PROVIDE MAXIMUM WELD SIZE BASED ON MATERIAL THICKNESS IN ACCORDANCE WITH AISC SPECIFICATIONS.

S5. ALL BOLTED STRUCTURAL CONNECTIONS ARE BEARING-TYPE CONNECTIONS UNLESS OTHERWISE SPECIFIED TO BE SLIP-CRITICAL. PROVIDE LOAD INDICATING WASHERS AT SLIP-CRITICAL CONNECTIONS.

S6. CONFIRM TO AISC 360, STEEL CONSTRUCTION MANUAL AND AISC 341, SEISMIC DESIGN MANUAL.

S7. THE SEISMIC LOAD RESISTING SYSTEM (SLRS) IS DENOTED ON THE FRAMING PLANS AND FRAME ELEVATIONS. THE SLRS DESIGNATION INCLUDES THE MEMBER AND CONNECTIONS AT EACH END. FRAMES ARE DENOTED AS FOLLOWS:
A. MOMENT FRAME: (SLRS)
B. CONCENTRICALLY BRACED FRAME: (SLRS)
FOR SLRS SYSTEMS OR PARTS OF SYSTEMS THAT ARE NOT INCLUDED IN FRAMES, (SLRS) IS PLACED NEXT TO THE BEAM SIZE ON THE FRAMING PLAN. (eg: ON A COLLECTOR ELEMENT):
MEMBER DESIGNATION (SLRS)

S8. ALL STEEL BEAMS SHALL RECEIVE STANDARD CAMBER PER THE SPECIFICATIONS UNLESS NOTED OTHERWISE ON THE PLANS. BEAMS REQUIRING SPECIAL CMABER ARE DENOTED ON THE BEAMS SHOWN ON THE FRAMING PLANS. EXAMPLE: (+1/2") INDICATES ½".

STEEL BAR JOIST:

SJ1. STEEL JOISTS ARE SIZED AS SHOWN ON THE DRAWINGS AND DESIGNED BY THE CONTRACTOR FOR THE LOADINGS INDICATED.

SJ2. STEEL JOISTS AND BRIDGING SHALL BE DESIGNED BY THE MANUFACTURER TO RESIST UPLIFT LOAD INDICATED ON THE DRAWINGS.

SJ3. CONCENTRATED LOADS SHALL BE LOCATED WITHIN 4 INCHES OF A PANEL POINT OR SPECIAL REINFORCEMENT MUST BE ADDED PER STANDARD DETAILS.

SJ4. JOISTS BRIDGING SHALL BE DESINGED BY THE STEEL JOIST MANUFACTURER.

SJ5. ADJUST JOIST BRIDGING DESIGN AND DETAILING WHERE MECHANICAL DUCTS OR OTHER OBSTRUCTIONS RUN BETWEEN THE JOISTS. SEE STANDARD DETAILS.

STEEL DECK:

SD1. THE DESIGN, FABRICATION, AND ERECTION OF METAL DECKING SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE SDI SPECIFICATIONS AND THE SDI DIAPHRAGM MANUAL.

SD2. STEEL ROOF DECK IS 1-1/2 INCH X 20 GAUGE DESIGNED FOR THE DEAD AND LIVE LOADS INDICATED.

SD3. STEEL ROOF DECK IS TO BE A STRUCTURAL DIAPHRAGM AND SHALL BE CONNECTED TO THE STRUCTURE AS INDICATED IN THE METAL DECK SCHEDULE.

SD4. STEEL FLOOR DECK 1-1/2 INCH X 20 GAUGE GALVANIZED COMPOSITE DECK DESIGNED FOR THE DEAD AND LIVE LOADS INDICATED. MINIMUM SECTION PROPERTIES ARE ARE AS FOLLOWS:
Ip= IN4/FT, In= IN4/FT, Sp= IN3/FT, Sn= IN3/FT

SD5. STEEL FLOOR DECK IS TO BE A STRUCTURAL DIAPHRAGM AND SHALL BE FASTENED AS SHOWN AS SHOWN ON THE DRAWINGS.

SD6. THE PLANS INDICATE DECK SPAN DIRECTION.

SD7. SUSPENDED CEILINGS, LIGHT FIXTURES, DUCTS, AND OTHER UTILITIES SHALL NOT BE SUPPORTED FROM THE STEEL DECK.

PRELIMINARY ENGINEERING | NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

PACKAGE #
DATE:

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FILENAME: OMFS-M08-S-v2022.rvt
CONTRACT No.: AE0030-17
SUBMITTAL DATE:

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH
GENERAL
GENERAL STRUCTURAL NOTES

DRAWING No.: OMFS-GZS101
FACILITY ID: M08
SHEET No:
REV:

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STATEMENT OF SPECIAL INSPECTIONS (IBC 1705)

UNLESS NOTED OTHERWISE:

S1. SPECIAL INSPECTIONS AND STRUCTURAL OBSERVATIONS ARE REQUIRED IN ACCORDANCE WITH IBC 2021 CHAPTER 1 AND CHAPTER 17. PAYMENT FOR THESE INSPECTIONS AND OBSERVATIONS ARE THE RESPONSIBILITY OF OWNER AND NOT THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE FOR FULL ACCESS TO THE WORK BY THE SPECIAL INSPECTOR AND SHALL PROVIDE FOR THESE INSPECTIONS IN THEIR CONSTRUCTION SCHEDULE IN ACCORDANCE WITH THE SPECIFICATIONS.

S2. SHOP FABRICATED ITEMS BY APPROVED FABRICATOR IS EXEMPT FROM SPECIAL INSPECTION. UPON COMPLETION, APPROVED FABRICATOR SHALL SUBMIT A CERTIFICATE OF COMPLIANCE STATING WORK WAS PERFORMED IN ACCORDANCE WITH APPROVED CONSTRUCTION DOCUMENTS.

S3. SEISMIC REQUIREMENTS:
- A. DESIGNED SEISMIC SYSTEMS SPECIAL STEEL MOMENT FRAMES PER AISC 341.
- B. SPECIAL INSPECTIONS ARE REQUIRED FOR SEISMIC FORCE RESISTING SYSTEMS, AND ARCHITECCTURAL, MECHANICAL AND ELECTRICAL COMPONENTS IN THE FOLLOWING TABLE.

S4. SEISMIC CERTIFICATION OF NON-STRUCTURAL COMPONENTS:
- A. THE MANUFACTURER OF THE FOLLOWING SYSTEMS SHALL SUBMIT A CERTIFICATION OF COMPLIANCE TO THE REGISTERED DESIGN PROFESSIONAL AND BUILDING OFFICIAL.
  1. MECHANICAL AND ELECTRICAL EQUIPMENT INTENDED TO REMAIN IN SERVICE FOLLOWING DESIGN EARTHQUAKE SHALL BE CERTIFIED AS OPERABLE BY MANUFACTUER PER ASCE 7-16 13.2.
  2. COMPONENTS CONTAINING HAZARDOUS MATERIAL SHALL BE CERTIFIED AS MAINTAING CONTAUNMENT BY MANUFACTURER PER ASCE 7-16 13.2.
- B. CERTIFICATION SHALL BE BASED ON ANALYSIS PER ASCE 7-16 CHAPTER 13. TESTING PER ASCE 7-16 13.2.5, OR EXPERIENCED DATA PER ASCE 7-16 13.2.6.

S5. CONTRACTOR SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY PRIOR TO CONSTRUCTION, INCLUDING:
- A. ACKNOWLEDGEMENT OF SPECIAL INSPECTION REQUIREMENTS.
- B. ACKNOWLEDGEMENT THAT CONTROL WILL BE EXERCISED TO CONFROM WITH APPROVED CONSTRUCTION DOCUMENTS.
- C. PROCEDURES FOR EXERCISING CONTROL, INCLUDING METHOD OF FRE QUENCY OF REPORTING, AND DISTRIBUTION OF REPORTS.
- D. IDENTIFICATION AND QUALIFICATIONS OF PERSON(S) EXERCISING SUCH CONTROL.

S6. THE FOLLOWING CONSTRUCTION IS SUBJECT TO SPECIAL INSPECTIONS:

SCHEDULE OF SPECIAL INSPECTION SERVICES

INSPECTION ITEM REQUIRED	INSPECTION ITEM REQUIRED		CODE REFERENCE	REMARKS
	CONTINUOUS	PERIODIC		
GENERAL STRUCTURAL OBSERVATIONS				
CONDUCT DAILY VISUAL OBSERVATION OF THE STRUCTURAL SYSTEMS FOR GENERAL CONFORMANCE TO THE CONSTRUCTION DOCUMENTS. PREPARE WEEKLY REPORT OF OBSERVATIONS DESCRIBING WORK PROGRESS AND NON-CONFORMING ITEMS.	–	X		
SOIL AND EARTHWORK			TABLE 1705.6	
VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY	–	X		
VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	–	X		
PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS	–	X		
VERIFY USE OF PROPER MATERIALS, DENSITIES, AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL	X	–		
PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY	–	X		
CONCRETE AND REINFORCING STEEL			TABLE 1705.3	
INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	–	X	ACI 318 CH. 20, 25.2, 25.3, 26.5.1-26.5.3	1908.4
INSPECT ANCHORS CAST IN CONCRETE	–	X	ACI 318; 17.8.2	–
INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS. a. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS. b. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN a. (ABOVE PARAGRAPH)	X –	– X	ACI 318; 17.8.2.4 ACI 318; 17.8.2	–
VERIFY USE OF REQUIRED DESIGN MIX.	–	X	ACI 318: CH 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF CONCRETE.	X	–	ASTM C 172 ASTM C 31 ACI 318: 26.4.5, 26.12	1908.10
INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	–	ACI 318; 26.4.5	1908.6, 1908.7, 1908.8
VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	–	X	ACI 318; 26.4.7-26.4.9	1908.9
VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	–	X	ACI 318; 26.10.2	–
INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF CONCRETE MEMBER BEING FORMED.	–	X	ACI 318; 26.10.1 (b)	–

SCHEDULE OF SPECIAL INSPECTION SERVICES (CONTINUED)

INSPECTION ITEM REQUIRED	INSPECTION ITEM REQUIRED		CODE REFERENCE	REMARKS
	CONTINUOUS	PERIODIC		
STRUCTURAL STEEL				
VERIFY FABRICATOR CERTIFICATION	–	X		FEMA 353 RECOMMENDATION
MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS, AND WASHERS: IDENTIFICATION MARKINGS TO CONFIRM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	–	X		
MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS, AND WASHERS: IDENTIFICATION MARKINGS TO CONFIRM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	–	X	AISC 360, SECTION A3.3 AND APPLICABLE ASTM MATERIAL STANDARDS	
MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS, AND WASHERS: MANUFACTURERS CERTIFICATE OF COMPLIANCE.	–	X		
INSPECTION OF HIGH-STRENGTH BOLTING: SNUG-TIGHT JOINTS.	–	X	AISC 360, SECTION M2.5	
INSPECTION OF HIGH-STRENGTH BOLTING: PRETENSIONED AND SLIP-CRITICAL JOINTS USING TURN-OF-NUT WITH MATCHMARKING, TWIST-OFF BOLT OR DIRECT TENSION INDICATOR METHODS OF INSTALLATION	–	X		
OBSERVE AND TEST ALL FIELD APPLIED HEADED STUDS.	X	–		
MATERIAL VERIFICATION OF WELD FILLER MATERIALS: IDENTIFICATION MARKINGS TO CONFIRM TO AWS SPECIFICATION IN THE APPROVED CONSTRUCTION DOCUMENTS	–	X	AISC 360, SECTION A3.5 AND APPLICABLE AWS A5 DOCUMENTS	
MATERIAL VERIFICATION OF WELD FILLER MATERIALS: MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.	–	X		
VERIFY CONTRACTORS RECIEPT OF WELDER CERTIFICATIONS.	–	X	AWS D1.1	
VISUALLY INSPECT ALL WELDS.	–	X	AWS D1.1 AND D1.3	
PERFORM LIQUID DYE PENETRATION TESTING ON 20% OF ALL PARTIAL PENETRATION AND FILLET WELDS.	–	X		
PERFORM ULTRASONIC OR MAGNETIC PARTICLE TESTING ON ALL FULLPENETRATION WELDS.	–	X		
INSPECTION OF WELDING FOR STRUCTURAL STEEL AND COLD-FORMED DECKING: COMPLETE AND PARTIAL JOINT PENETRATION GROOVE WELDS.	X	–		
INSPECTION OF WELDING FOR STRUCTURAL STEEL AND COLD-FORMED DECKING: MULTIPASS FILLET WELDS.	X	–		
INSPECTION OF WELDING FOR STRUCTURAL STEEL AND COLD-FORMED DECKING: SINGLE-PASS FILLET WELDS > 5/16"	X	–		
INSPECTION OF WELDING FOR STRUCTURAL STEEL AND COLD-FORMED DECKING: PLUG AND SLOT WELDS.	X	–		
INSPECTION OF WELDING FOR STRUCTURAL STEEL AND COLD - FORMED DECKING: SINGLE-PASS FILLET WELDS <= 5/16"	–	X		

PRELIMINARY ENGINEERING

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:

PACKAGE #

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SCALE: NONE
FILENAME: OMFS-M08-S-v2022.rvt
CONTRACT No.: AE0030-17
DATE:
SUBMITTAL DATE:

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

GENERAL

SPECIAL INSPECTION REQUIREMENTS

DRAWING No.: **OMFS-GZS102**
FACILITY ID: M08
SHEET No:
REV:

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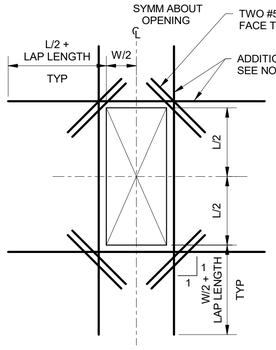
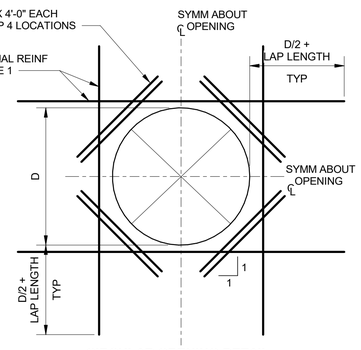


RECTANGULAR OPENING DETAIL



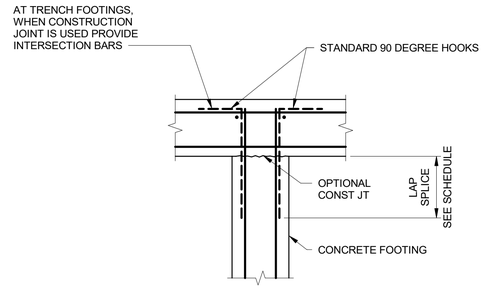
CIRCULAR OPENING DETAIL

NOTES:

1. PROVIDE ADDITIONAL REINFORCING THE SAME SIZE AS DISCONTINUOUS REINFORCEMENT AT OPENING. QUANTITY OF REINFORCING IN EACH DIRECTION SHALL BE EQUAL TO OR ONE GREATER THAN THE NUMBER OF DISCONTINUOUS BARS. PLACE 1/2 OF ADDITIONAL REINFORCING BARS EACH SIDE OF OPENING, PLACE ADDITIONAL REINFORCEMENT AT 3" OC (TYPICAL BOTH DIRECTIONS AND ALL LAYERS OF REINFORCEMENT). START FIRST BAR 2" CLEAR TO OPENING.
2. EXTEND ADDITIONAL REINFORCING BEYOND EDGE OF OPENING AS SHOWN ABOVE. ADDITIONAL BARS MAY TERMINATE AT THE END OF THE WALL WITH A STANDARD HOOK WHERE THE LENGTH OF THE WALL WILL NOT PERMIT BARS TO EXTEND AS SHOWN ABOVE.
3. TYPICAL WALL OR SLAB REINFORCING NOT SHOWN FOR CLARITY. TERMINATE TYPICAL REINFORCING 2" CLEAR TO OPENING.
4. OPENINGS 12" OR LESS IN SLABS AND WALLS, NO EXTRA REBARS ARE REQUIRED UNLESS SHOWN OTHERWISE. TYPICAL REINFORCING SHALL BE RESPACED (NOT CUT) TO ALLOW FOR OPENINGS TO BE MADE.
5. UNLESS SHOWN OTHERWISE ON DRAWINGS, PROVIDE EXTRA REINFORCING AROUND OPENINGS AS SHOWN AND INDICATED ABOVE.
6. PROVIDE ADDITIONAL DOWELS PER NOTE 1 ABOVE FOR ALL OPENINGS NEAR THE FLOOR SLAB, BASE SLAB, OR CORNERS.

EXTRA REINFORCEMENT AROUND OPENINGS (1)

SCALE: NTS

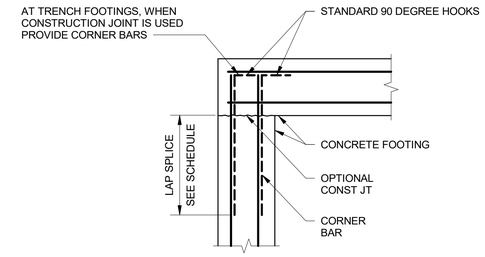


NOTE:

1. INTERSECTION BARS TO BE SAME SIZE AND SPACING AS FOOTING REINFORCING.

TYPICAL FOOTING REINFORCEMENT AT INTERSECTION (5a)

SCALE: NTS

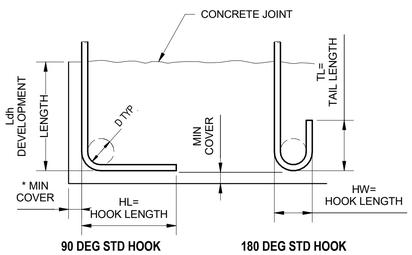


NOTE:

1. CORNER BARS TO BE SAME SIZE AND SPACING AT FOOTING REINFORCING.

TYPICAL FOOTING REINFORCEMENT AT CORNER (6)

SCALE: NTS



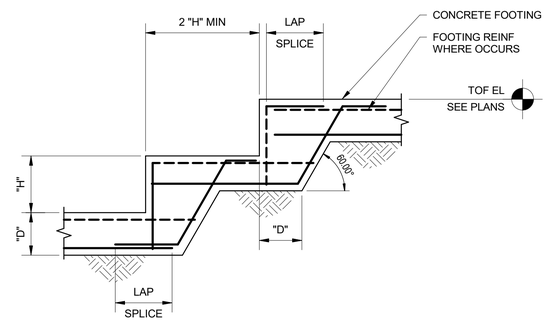
90 DEG STD HOOK

180 DEG STD HOOK

LAP SPLICE AND EMDEDMENT LENGTHS f'c =4.0 ksi fy = 60 ksi f'c =4.5 ksi		
BAR	BARS SPACED GREATER THAN 4"	BARS SPACED LESS THAN OR EQUAL TO 4"
#3	14"	20"
#4	19"	32"
#5	29"	46"
#6	39"	62"
#7	55"	87"
#8	69"	107"
#9	76"	116"
#10	97"	140"
#11	120"	146"

NOTES:

1. PROVIDE MINIMUM LAP SPLICE LENGTHS AND EMBEDMENTS PER TABLE UNLESS NOTED OTHERWISE. EMBEDMENT LENGTH EQUALS THE LAP SPLICE LENGTH UNLESS OTHERWISE NOTED.
2. BAR SPACING AT LAP SPLICE IS THE MINIMUM CLEAR DISTANCE BETWEEN LAPPED BARS PLUS ONE BAR DIAMETER.
3. ALL SPLICES TO BE CONTACT SPLICES AND WIRED TOGETHER UNLESS OTHERWISE APPROVED BY THE ENGINEER.



NOTE:

1. FOR FTG EL, DEPTH AND REINF, SEE PLANS AND TYP FTG DET.

TYPICAL STEP FOOTING (7)

SCALE: NTS

BAR SIZE GRADE 60	HL	HW	TL	D	f'c=4.0 OR 4.5 KSI Ldh *
#3	6"	3"	3"	2 1/4"	6"
#4	8"	4"	4 1/2"	3"	7"
#5	10"	5"	5"	3 3/4"	9"
#6	1'-0"	6"	6"	4 1/2"	10"
#7	1'-2"	7"	7"	5 1/4"	12"
#8	1'-4"	8"	8"	6"	14"
#9	1'-7"	11 3/4"	10 1/2"	9 1/2"	15"
#10	1'-10"	1'-1 1/4"	11 1/2"	10 3/4"	17"
#11	2'-0"	1'-2 3/4"	1'-1"	12"	19"

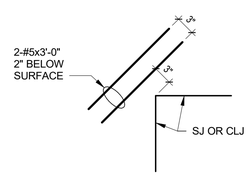
* COMPLYING WITH MINIMUM COVER REQUIREMENTS OF ACI 318, 12.5.3. OTHERWISE Ldh MUST BE RE-CALCULATED.

REINFORCING HOOK SCHEDULE (2)

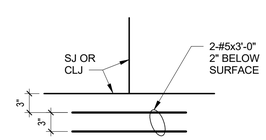
SCALE: NTS

CONCRETE REINFORCEMENT LAP AND EMBEDMENT SCHEDULE (3)

SCALE: NTS



RE-ENTRANT CORNER



DISCONTINUOUS JOINT INTERSECTION

ADDITIONAL SLAB REINFORCING (4)

SCALE: NTS

PRELIMINARY ENGINEERING

NOT FOR CONSTRUCTION

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REFERENCE CONCEPT DRAWINGS

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AHJ:

PACKAGE #

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

DATE:

SCALE: AS NOTED
FILENAME: OMFS-M08-S-v2022.rvt
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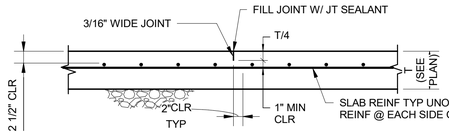
SUBMITTAL DATE:

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

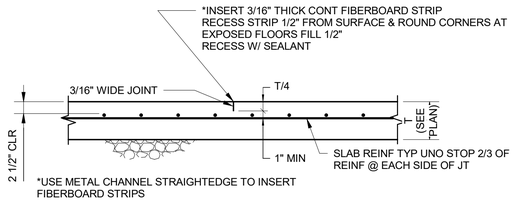
GENERAL
TYPICAL REINFORCING DETAILS

DRAWING No.: **OMFS-GZS103**
FACILITY ID: M08
SHEET No:
REV:

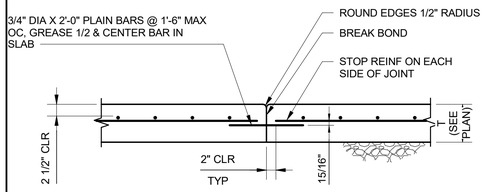
2/22/2024 9:37:34 PM
Autodesk Docs://10339152_TDLE - OMFS Phase III_2021/OMFS-M08-S-v2022.rvt



SAWED CONTROL JOINT



FORMED CONTROL JOINT



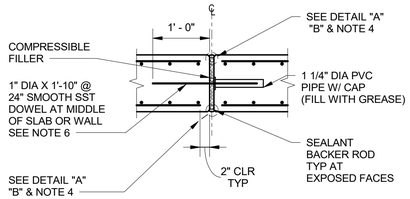
DOWELLED CONSTRUCTION JOINT (DSJ)

NOTE:

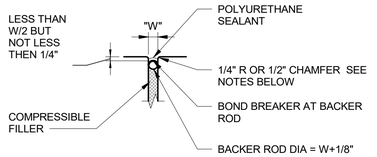
1. ANY ONE OF THE DETAILS ABOVE MAY BE USED AT LOCATIONS INDICATED ON DRAWINGS AS "SJ," AT CONTRACTOR'S OPTION.
2. WHERE "DSJ" IS INDICATED ON PLAN, THE "DSJ" SHALL BE USED.

SLAB ON GRADE JOINT 1

SCALE: NTS



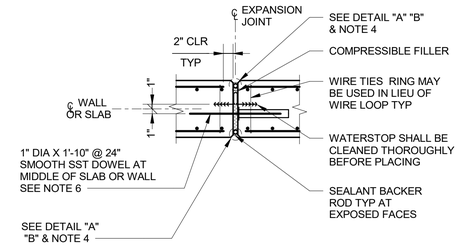
NON-WATER BEARING SLAB OR WALL



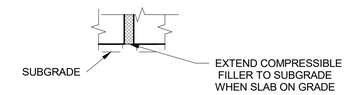
DETAIL "A" EXPOSED FACE

NOTES:

1. FOR WALLS, FORM ALL JOINT EDGES AT 1/2" CHAMFER.
2. FOR UNDER SIDE OF EXPOSED SLABS, FORM JOINT EDGES AT 1/2" CHAMFER.
3. FOR SLABS, PROVIDE 1/4" RADIUS TOOLED EDGES AT TOP SURFACE.
4. USE DETAIL "B" AT UNDERSIDE OF SLABS ON GRADE ONLY. USE DETAIL "A" AT ALL OTHER LOCATIONS.
5. "W" = 1" WIDE UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
6. SMOOTH DOWEL AND PVC ASSEMBLY AT EXPANSION JOINTS SHALL USE GREENSTREAK "SPEED DOWEL" NO. PSD12/#7TX (BASE CODE PSD/#7BX).
7. USE THIS DETAIL FOR SLOPED AND LEVEL SLABS



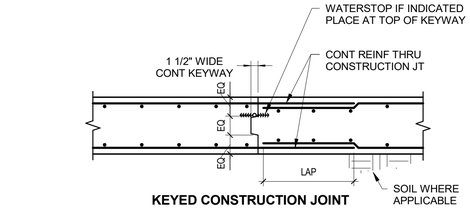
WATER BEARING SLAB OR WALL



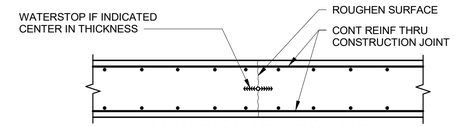
DETAIL "B" SOIL SIDE

EXPANSION JOINTS WITH SEALANT 2

SCALE: NTS



KEYED CONSTRUCTION JOINT



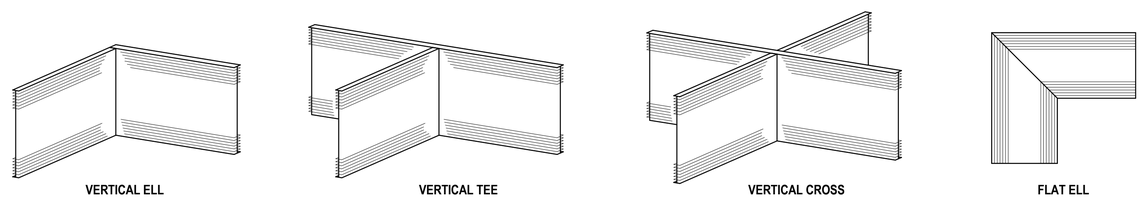
ROUGHEN CONSTRUCTION JOINT

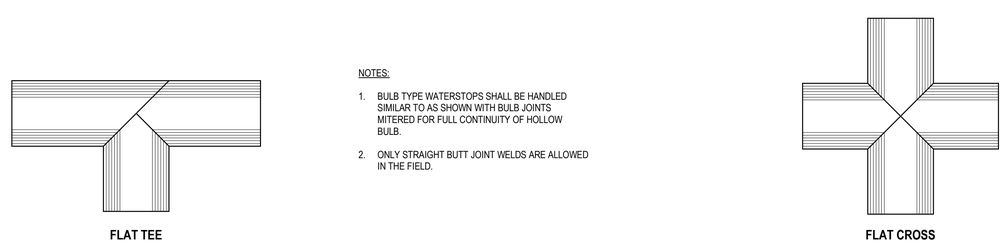
NOTE:

1. SEE SPECIFICATION FOR REQUIREMENT TO TIE WATERSTOPS IN PLACE TO PREVENT MOVEMENT OR FOLDING OVER.

CONSTRUCTION JOINT 3

SCALE: NTS



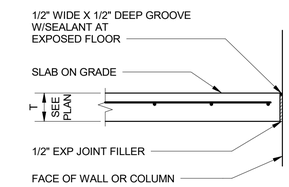


NOTES:

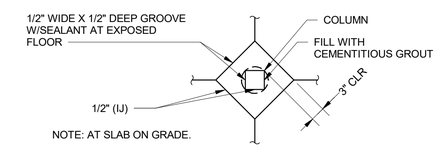
1. BULB TYPE WATERSTOPS SHALL BE HANDLED SIMILAR TO AS SHOWN WITH BULB JOINTS MITERED FOR FULL CONTINUITY OF HOLLOW BULB.
2. ONLY STRAIGHT BUTT JOINT WELDS ARE ALLOWED IN THE FIELD.

SHOP FABRICATED WATERSTOP 6

SCALE: NTS



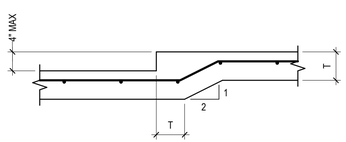
ISOLATION JOINT AT SLAB ON GRADE



ISOLATION JOINT AT COLUMN

TYPICAL ISOLATION JOINT 4

SCALE: NTS



NOTE:

1. SEE ARCHITECTURAL FOR LOCATION OF RECESSED SLABS.

TYPICAL FLOOR SLAB RECESS 5

SCALE: NTS

PRELIMINARY ENGINEERING

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:

PACKAGE #

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

DATE:

SCALE: AS NOTED
FILENAME: OMFS-M08-S-v2022.rvt
CONTRACT No.: AE0030-17
SUBMITTAL DATE:

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

GENERAL

TYPICAL SLAB AND JOINT DETAILS

DRAWING No.: **OMFS-GZS104**
FACILITY ID: M08
SHEET No:
REV:

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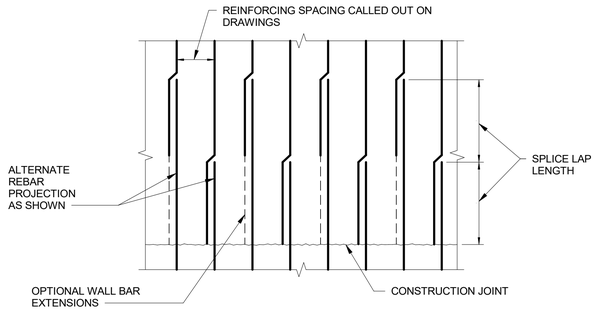
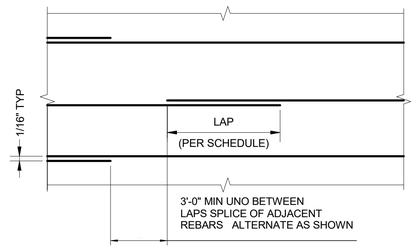


STAGGERED REINFORCEMENT AT CONSTRUCTION JOINT (1)

SCALE: NTS

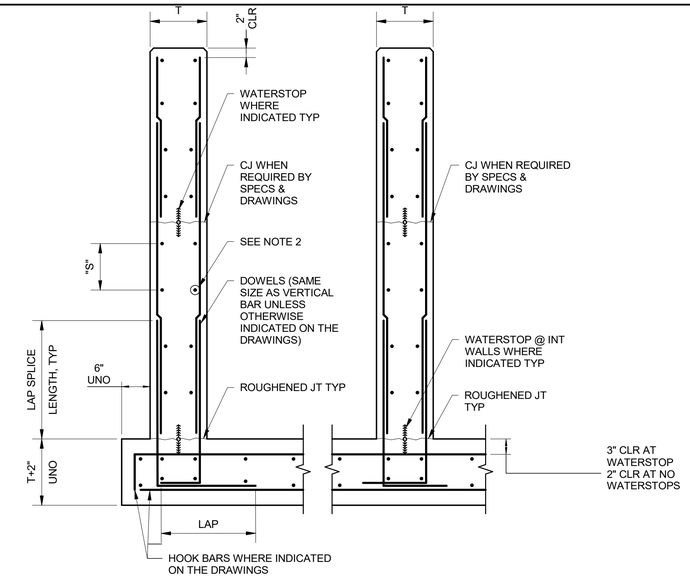


NOTE:

1. APPLIES TO SLABS AND WALLS (BOTH HORIZONTAL AND VERTICAL).

REINFORCING SPLICE NOT AT CONSTRUCTION JOINT (3)

SCALE: NTS

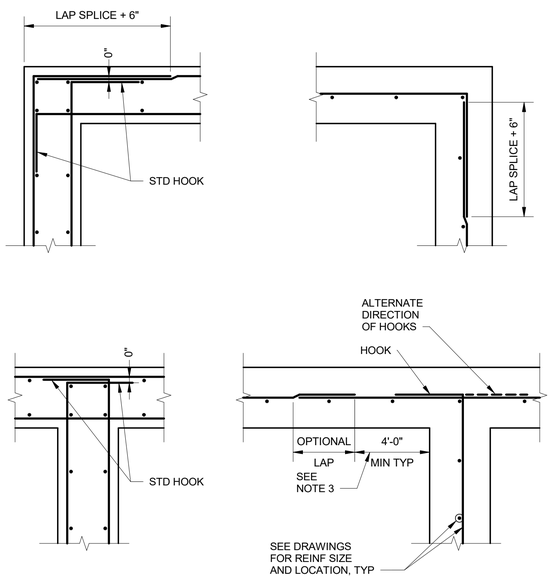


NOTES:.

1. "S" = BAR SPACING INDICATED ON THE DRAWINGS.
2. FOR HORIZONTAL REINF BAR LOCATION RELATIVE TO VERTICAL REINF BAR LOCATION (INSIDE OR OUTSIDE SEE DRAWING (INSIDE SHOWN).

HORIZONTAL WALL JOINTS WITH WATERSTOPS (5)

SCALE: NTS

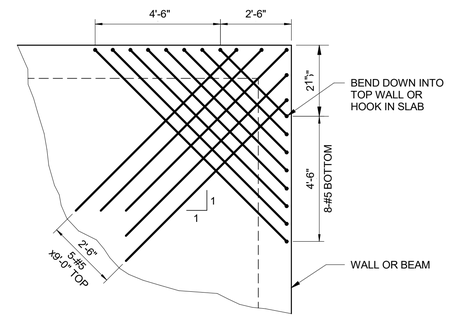


NOTES:

1. ALL HOOKS SHALL BE STD 90 DEGREE HOOKS.
2. SEE DRAWINGS FOR ADDITIONAL HORIZONTAL BARS. STAGGER BETWEEN TYPICAL REINF SPACING, EXTEND TO 1/5 OF DISTANCE TO NEAREST ADJACENT WALL IN EACH DIRECTION, UNO.
3. OPTIONAL LAP LOCATION. APPLIES TO BOTH DOUBLE AND SINGLE LAYER CONDITIONS TYP.

WALL REINFORCEMENT AT CORNERS AND INTERSECTIONS (2)

SCALE: NTS

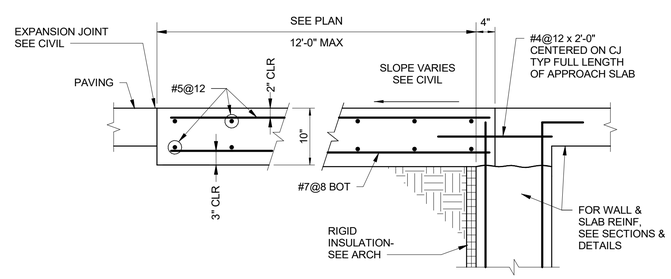


NOTES:

1. REINFORCING IS TYPICAL FOR ALL CORNERS @ 12" THICK GROUND LEVEL SLAB.
2. ALL BARS WILL HAVE 180° HOOKS @ EXTERIOR ENDS.

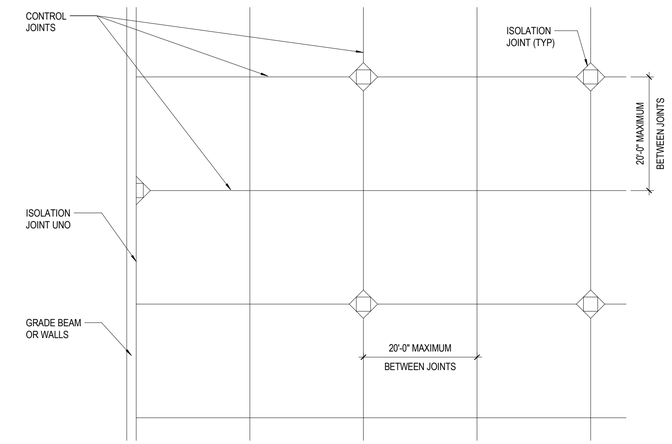
CORNER REINFORCEMENT AT EXTERIOR SLAB (4)

SCALE: NTS



APPROACH SLAB (6)

SCALE: NTS



TYPICAL SLAB ON GRADE CONTROL JOINT PLAN (7)

SCALE: NTS

PRELIMINARY ENGINEERING

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:

PACKAGE #

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

DATE:

SCALE: AS NOTED
FILENAME: OMFS-M08-S-v2022.rvt
CONTRACT No.: AE0030-17
SUBMITTAL DATE:

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

GENERAL

TYPICAL REINFORCING SPLICE DETAILS

DRAWING No.: **OMFS-GZS105**
FACILITY ID: M08
SHEET No:
REV:

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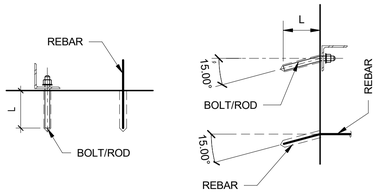


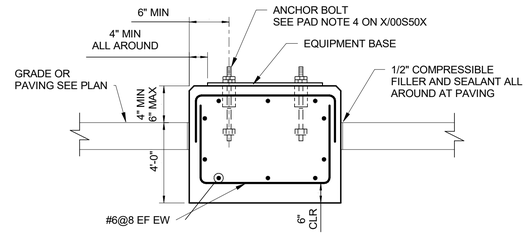
REINFORCING BARS		ANCHOR BOLTS/RODS	
BAR SIZE	EMBED LENGTH (L)	DIA (IN)	EMBED LENGTH (L)
#3	4"	3/8"	5"
#4	5"	1/2"	6"
#5	6"	5/8"	7"
#6	7"	3/4"	8"
#7	8"	7/8"	9"
#8	9"	1"	10"
#9	10"		
#10	12"		

NOTES:

1. ADHESIVE TYPE IS SUBJECT TO APPROVAL OF THE ENGINEER OF RECORD.
2. EMBEDMENT LENGTHS SHOWN ARE MINIMUM UNLESS NOTED OTHERWISE ON DRAWINGS OR AS OTHERWISE REQUIRED BY SPECIFICATIONS.
3. FOR ADDITIONAL REQUIREMENTS, SEE SPECIFICATION SECTION 03 15 19.
4. ANCHOR EMBEDMENT SHALL BE AS EXPLICITLY CALLED OUT ON PLANS OR DETAILS. IF EMBEDMENT IS NOT EXPLICITLY CALLED OUT, EMBEDMENT LENGTH 'L' CAN BE USED UNLESS ANCHORS WITHIN 1.5L OF CONCRETE EDGE OR SPACED LESS THAN 3L. FOR ANCHORS WITHIN 1.5L OF CONCERETE EDGE, SPACED LESS THAN 3L, OR AT CONTRACTORS OPTION, CONTRACTOR SHALL DESIGN ANCHORS AS REQUIRED.

ADHESIVE ANCHOR DETAIL AND SCHEDULE (1)

SCALE: NTS

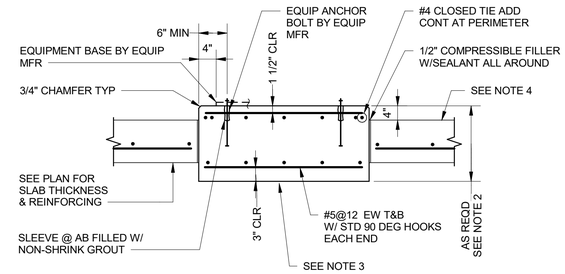


NOTES:

1. SEE PAD NOTES AT DETAIL 5 THIS SHEET.
2. CONTRACTOR SHALL COORDINATE ALL CONDUIT STUB-UPS AND ANCHOR BOLT LOCATIONS WITH EQUIPMENT FURNISHED PRIOR TO POURING CONCRETE.
3. THE SIZE AND LOCATION OF THE EQUIPMENT PAD FOR THE GENERATOR SHALL BE COORDINATED TO KEEP THE EQUIPMENT CENTER OF GRAVITY ABOVE THE CENTER OF THE EQUIPMENT PAD.
4. FOOTPRINT OF GENERATOR PAD TO BE DETERMINED BY CONTRACTOR BASED ON SELECTED EQUIPMENT.

GENERATOR PAD (2)

SCALE: NTS

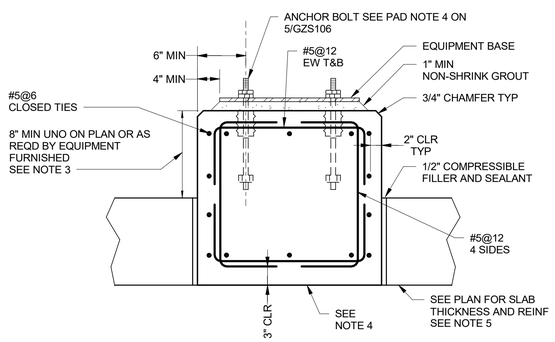


NOTES:

1. PROVIDE ABOVE PAD UNDER ALL ELECTRICAL AND MECHANICAL EQUIPMENT SUPPORTED ON GRADE WEIGHING MORE THAN 5000 POUNDS OR WHERE SPECIFICALLY NOTED ON PLANS.
2. PAD THICKNESS SHALL BE THE LARGER OF SLAB THICKNESS PLUS 4" OR AS REQUIRED TO MAINTAIN 3" COVER ON ANCHOR BOLTS, 20" MIN AT INTERIOR PAD LOCATIONS AND 24" MIN AT EXTERIOR LOCATIONS.
3. AT EXTERIOR PADS, PROVIDE 2'-6" DEEP GRANULAR FILL UNDER PAD. EXTEND 1'-0" BEYOND EDGE OF PAD AT ALL 4 SIDES.
4. AT EXTERIOR PADS PROVIDE GRADE INSTEAD OF SLAB. SEE PLANS AND CIVIL DRAWING FOR REFERENCE.

ISOLATED EQUIPMENT SUPPORT PAD (3)

SCALE: NTS

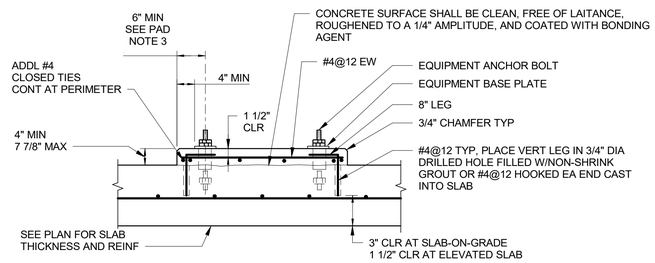


NOTES:

1. SEE PAD NOTES ON DETAIL X THIS SHEET.
2. PROVIDE ABOVE PAD UNDER ALL ELECTRICAL AND MECHANICAL EQUIPMENT SUPPORTED ON GRADE WEIGHING MORE THAN 5000 POUNDS OR WHERE SPECIFICALLY NOTED ON PLANS.
3. PAD THICKNESS SHALL BE THE LARGER OF SLAB THICKNESS PLUS 4" OR AS REQUIRED TO MAINTAIN 3" COVER ON ANCHOR BOLTS, 20" MIN AT INTERIOR PAD LOCATIONS AND 24" MIN AT EXTERIOR LOCATIONS.
4. AT EXTERIOR PADS, PROVIDE 2'-6" DEEP GRANULAR FILL UNDER PAD. EXTEND 1'-0" BEYOND EDGE OF PAD AT ALL 4 SIDES.
5. AT EXTERIOR PADS PROVIDE GRADE INSTEAD OF SLAB. SEE PLANS AND CIVIL DRAWING FOR REFERENCE.

ISOLATED EQUIPMENT PAD (4)

SCALE: NTS



NOTES:

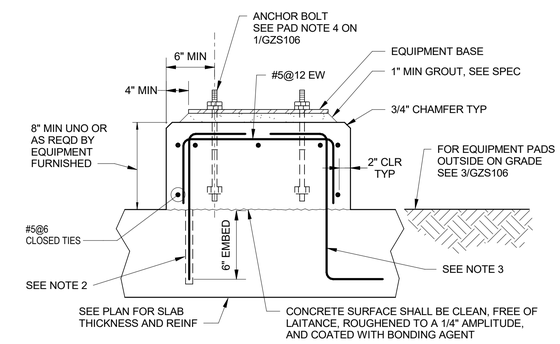
1. PROVIDE ABOVE PAD UNDER ALL ELECTRICAL AND MECHANICAL EQUIPMENT SUPPORTED ON STRUCTURAL SLABS. ALSO PROVIDE FOR EQUIPMENT WEIGHING LESS THAN 5000 POUNDS WHICH ARE SUPPORTED ON GRADE, OR WHERE SPECIFICALLY NOTED ON PLANS PER DETAIL X THIS SHEET. FOR PAD HEIGHT GREATER THAN 8", SEE DETAIL X THIS SHEET.
2. PAD THICKNESS SHALL BE A MINIMUM OF 4". CONTRACTOR SHALL VERIFY THE PAD DIMENSIONS.
3. PROVIDE EMBEDDED CHANNELS FOR ANCHORING ELECTRICAL EQUIPMENT WHERE REQUIRED.

PAD NOTES:

1. EQUIPMENT PAD DETAILS ON THIS SHEET APPLY FOR SUPPORT OF ALL EQUIPMENT UNLESS INDICATED OTHERWISE ON THE DRAWINGS.
2. BEFORE EQUIPMENT SUPPORT PADS ARE CAST, THE PAD SIZES AND REINFORCING SHALL BE APPROVED BY THE ENGINEER AS BEING CAPABLE OF SUPPORTING EQUIPMENT TO BE PLACED THEREON. EQUIPMENT BASE DIMENSIONS SHALL BE THE LARGER OF AS DETERMINED BY THE EQUIPMENT MANUFACTURER OR AS INDICATED ON THE DRAWINGS. SUBMIT ALL EQUIPMENT DIMENSIONS AND LOADS TO ENGINEER.
3. 6" MINIMUM PAD EDGE DIMENSION TO EQUIPMENT ANCHOR BOLT APPLIES FOR ALL NON-ELECTRICAL EQUIPMENT SUPPORT PADS. AT ELECTRICAL EQUIPMENT, PROVIDE 1" FROM EDGE OF EQUIPMENT TO EDGE OF PAD.
4. THE SIZE, NUMBER, TYPE, LOCATION AND THREAD PROJECTION OF THE ANCHOR BOLTS SHALL BE AS DETERMINED BY THE EQUIPMENT MANUFACTURER AND SHALL BE AS APPROVED BY THE ENGINEER. ANCHOR BOLTS SHALL BE HELD IN POSITION WITH A TEMPLATE WHILE EQUIPMENT BASE IS BEING CAST, SEE DETAIL X/00S50X.
5. EQUIPMENT BASES SHALL BE INSTALLED LEVEL UNLESS SPECIFIED OTHERWISE, TOLERANCE IS 1/8" ACROSS PLAN DIAGONALS.

SHALLOW EQUIPMENT PAD (5)

SCALE: NTS



NOTES:

1. SEE PAD NOTES AT DETAIL 5 THIS SHEET.
2. DRILL INTO SLAB TO INDICATED DEPTH AT 12" ON CENTER AROUND PERIMETER OF EQUIPMENT BASE AND SET #5 DOWEL HOOKED AS SHOWN USING ADHESIVE FOR CONCRETE ANCHORS. THICKNESS TO BE COORDINATED WITH EQUIPMENT SUPPLIER. THICKEN SLAB ON GRADE BELOW EQUIPMENT PAD AS REQUIRED TO MAINTAIN MINIMUM 3" COVER ON EQUIPMENT ANCHOR BOLTS.
3. FOR EQUIPMENT BASES ON NEW SLABS, PROVIDE #5 DOWELS HAVING TWO HOOKED ENDS AT 12" ON CENTER AROUND PERIMETER, UNO.

TALL EQUIPMENT PAD (6)

SCALE: NTS

PRELIMINARY ENGINEERING

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:

PACKAGE #

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

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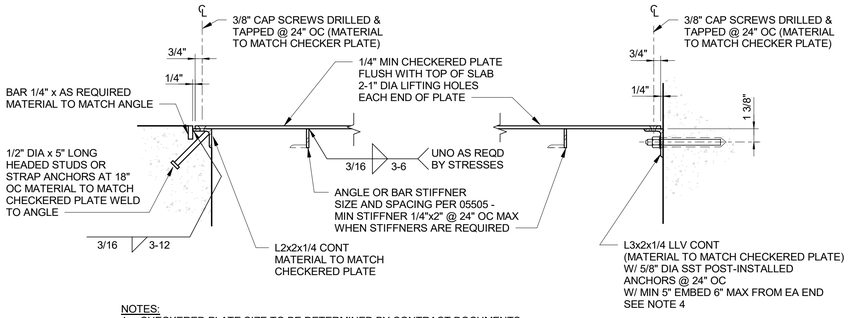
SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

GENERAL

TYPICAL CONCRETE PAD DETAILS

DRAWING No.: **OMFS-GZS106**
FACILITY ID: M08
SHEET No:
REV:

2/22/2024 9:37:34 PM
Autodesk Docs://10339152_TDLE - OMFS Phase III_2021/OMFS-M08-S-v2022.rvt

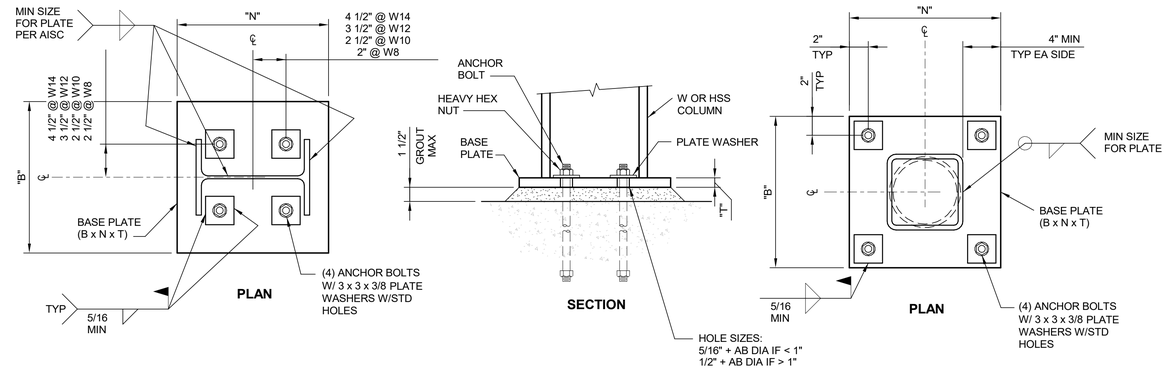


NOTES:
1. CHECKERED PLATE SIZE TO BE DETERMINED BY CONTRACT DOCUMENTS.
2. FIELD DRILL HOLES FOR SCREWS AT CONTRACTORS OPTION.
3. PROVIDE DISSIMILAR MATERIAL PROTECTION FOR ALUMINUM IN CONTACT WITH CONCRETE PER SPECIFICATION..
4. ONLY TO BE USED AT CONTINUOUS WALL ABOVE CHECKERED PLATE OR AT PRE-EXISTING CONCRETE CONSTRUCTION..

CHECKERED PLATE AND SUPPORT

1

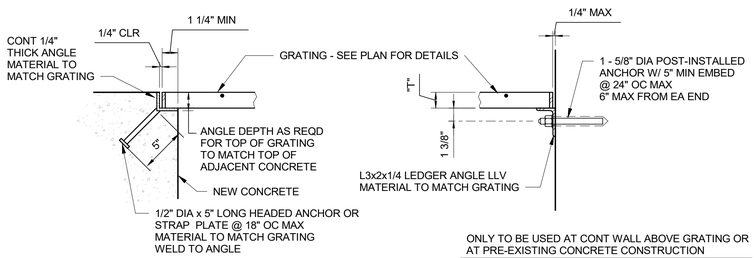
SCALE: NTS



COLUMN BASE PLATE

4

SCALE: NTS

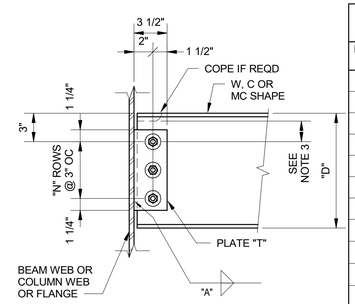


NOTES:
1. GRATING SIZE PER CONTRACT DOCUMENTS.
2. ALL ENDS AND OPENINGS SHALL BE BANDED, SEE SPECIFICATION.
3. ATTACH GRATING TO ALL SUPPORT ANGLES WITH BOLTED CLIPS, SPACED AT 2'-0" MAX CENTERS.
4. PROVIDE DISSIMILAR MATERIAL PROTECTION FOR ALUMINUM IN CONTACT WITH CONCRETE PER SPECIFICATION.

GRATING AND SUPPORT

2

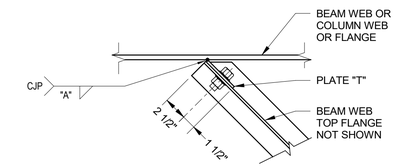
SCALE: NTS



PERPENDICULAR CONNECTION

SINGLE PLATE BEAM CONNECTION SCHEDULE
3/4" DIA BOLTS

NOMINAL BEAM DEPTH "D"	NUMBER OF BOLT ROWS "N"	PLATE THICKNESS "T"	WELD SIZE "A"
W8	2	5/16"	1/4"
W10	2	5/16"	1/4"
W12	3	5/16"	1/4"
W14	3	5/16"	1/4"
W16	4	5/16"	1/4"
W18	5	5/16"	1/4"
W21	6	5/16"	1/4"
W24	7	3/8"	5/16"
W27	7	3/8"	5/16"
W30	8	7/16"	3/8"
W33	9	7/16"	3/8"
W36	10	7/16"	3/8"



SKEWED CONNECTION
(IF APPLICABLE)

NOTES:
1. ALL BOLTS SHALL BE 3/4" DIA A325-N UNLESS NOTED OTHERWISE.
2. PROVIDE MINIMUM NUMBER OF BOLT ROWS "N" SHOWN AS THE TYPICAL CONN. INCREASE NUMBER OF ROWS AND/OR BOLT DIA IF INDICATED ON PLANS.
3. MINIMUM DISTANCE FROM CENTERLINE OF TOP BOLT TO A COPE SHALL BE 1 1/2". WHERE DEEP COPES ARE REQD, INCREASE DISTANCE FROM TOP OF BEAM TO CENTERLINE OF TOP BOLT.
4. USE STANDARD OR SHORT HORIZONTAL SLOTTED HOLES AS REQUIRED.

SINGLE PLATE BEAM CONNECTION

5

SCALE: NTS

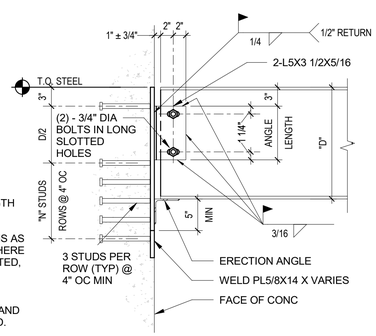
EMBED PLATE SCHEDULE

NOMINAL BEAM DEPTH "D"	ANGLE LENGTH	NUMBER OF STUDS "N"
8, 10, 12	5 1/2"	1
14, 16, 18	8 1/2"	2
21, 24	11 1/2"	3
27, 30	14 1/2"	4
33, 36	17 1/2"	5

NOTES :
1. ALL STUDS SHALL BE 5/8" Ø X 0'-6" FINAL LENGTH HEADED STUDS.
2. PROVIDE MINIMUM WELD PLATE CONNECTIONS AS INDICATED IN ABOVE SCHEDULE TYPICAL. WHERE STUD ROWS AND ANGLE LENGTH ARE INDICATED, I.E.

(5)-17 1/2"
PROVIDE NUMBER OF ROWS AND ANGLE LENGTH AS INDICATED.

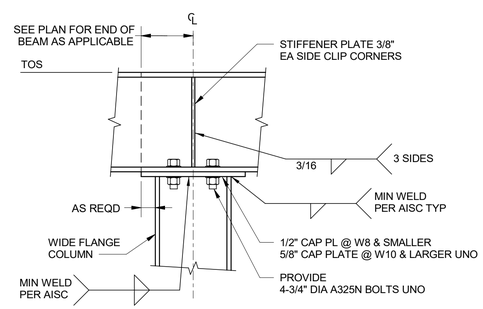
3. CONNECTION INDICATED ON PLAN THUS:



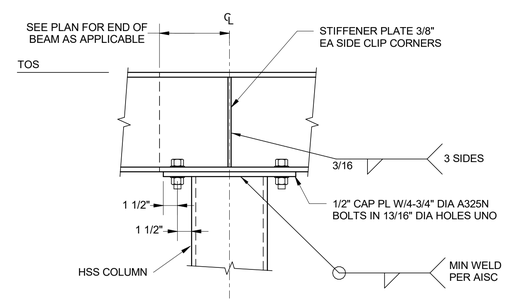
BEAM TO CONCRETE WALL CONNECTION W,C,MC SHAPES

3

SCALE: NTS



W COLUMN TO BEAM



HSS COLUMN TO BEAM

NOTE:
DETAIL TYPICAL AT HSS OR PIPE COLUMN.

COLUMN TO BEAM CONNECTION

6

SCALE: NTS

PRELIMINARY ENGINEERING

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:

PACKAGE #

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: AS NOTED
FILENAME: OMFS-M08-S-v2022.rvt
CONTRACT No.: AE0030-17
DATE:
SUBMITTAL DATE:

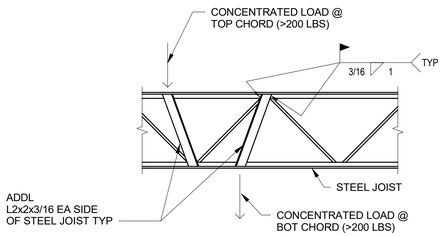
SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

GENERAL

TYPICAL STEEL AND ANCHOR DETAILS

DRAWING No.: OMFS-GZS107
FACILITY ID: M08
SHEET No:
REV:

2/22/2024 9:37:35 PM
Autodesk Docs://10339152_TDLE - OMFS Phase III_2021/OMFS-M08-S-v2022.rvt



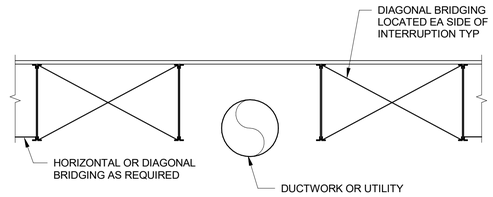
NOTE:

1. PROVIDE ADDL ANGLE REINFORCEMENT WHEN CONCENTRATED LOAD IS MORE THAN 4" FROM PANEL JOINT.

JOIST REINFORCEMENT AT CONCENTRATED LOAD

1

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



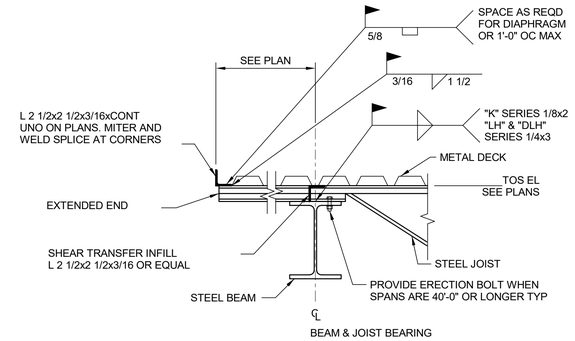
NOTES:

1. USE ONLY WHERE DUCTWORK OR UTILITY ARE SHOWN BETWEEN JOISTS ON ELECTRICAL, MECHANICAL OR PROCESS SHEETS. VERIFY LOCATION WITH SPECIALITY CONTRACTOR. LOCATION TO BE APPROVED BY ENGINEER.
2. DO NOT INSTALL DUCTWORK OR UTILITIES IN TWO ADJACENT JOIST SPACES.

INTERRUPTION OF JOIST BRIDGING

2

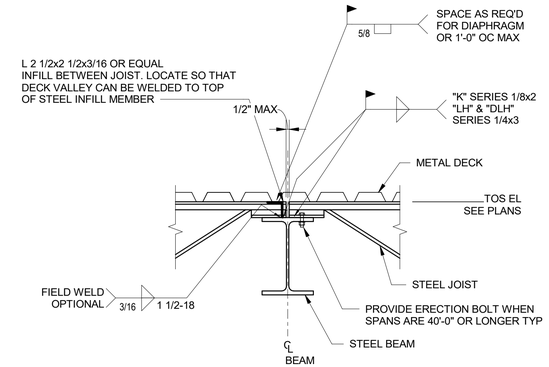
SCALE: 3/4" = 1'-0"



STEEL JOIST WITH EXTENDED END

3

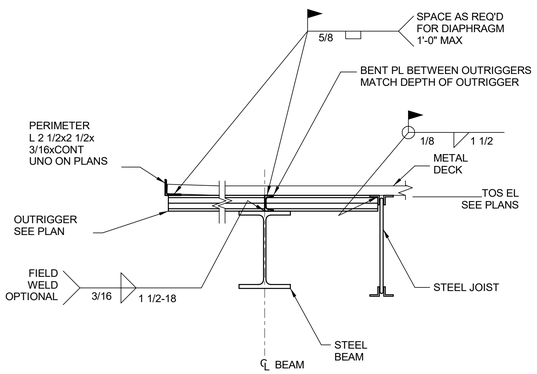
SCALE: 1" = 1'-0"



JOIST BEARING AT STEEL BEAM

4

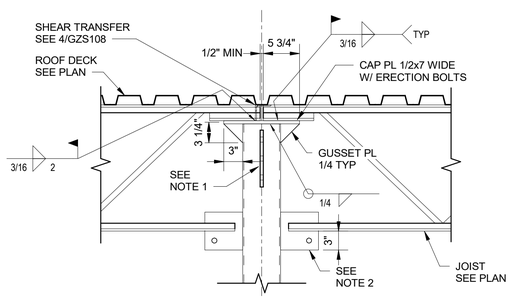
SCALE: 1" = 1'-0"



OUTRIGGER BEARING

5

SCALE: 1" = 1'-0"



NOTES:

1. BEAM CONNECTION, SEE 1/10S503 TYP. BEAM NOT SHOWN, SEE PLAN.
2. MIN 6x6 STABILIZER PLATE PER OSHA W/ 13/16" DIA HOLE. DO NOT WELD JOIST TO PLATE.

JOIST BEARING AT HSS COLUMN

6

SCALE: 1" = 1'-0"

PRELIMINARY ENGINEERING

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:

PACKAGE #

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SCALE: AS NOTED
FILENAME: OMFS-M08-S-v2022.rvt
CONTRACT No.: AE0030-17
DATE:
SUBMITTAL DATE:

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

GENERAL

TYPICAL STEEL JOIST DETAILS

DRAWING No.: **OMFS-GZS108**
FACILITY ID: M08
SHEET No:
REV:

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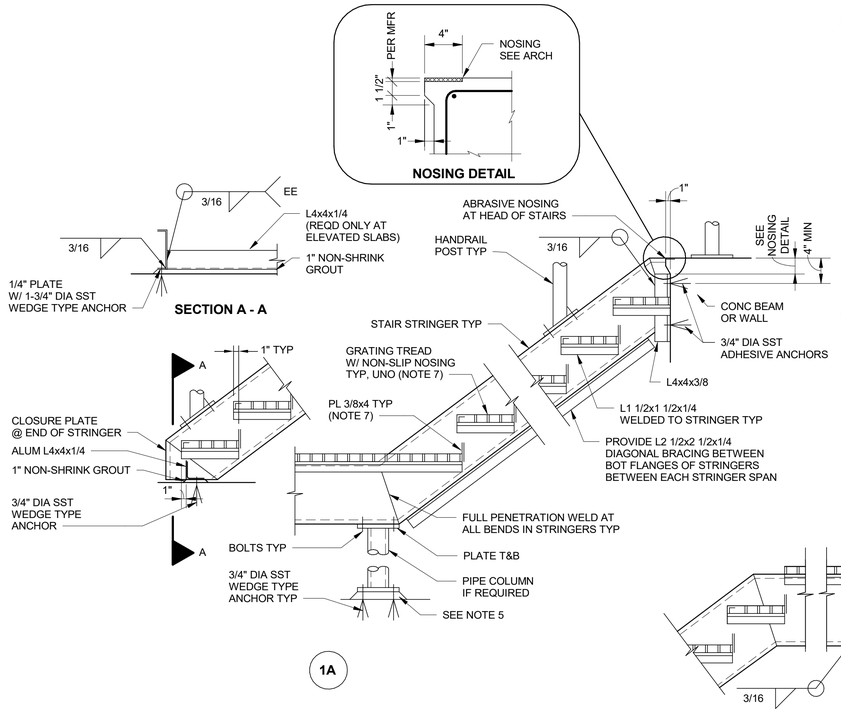
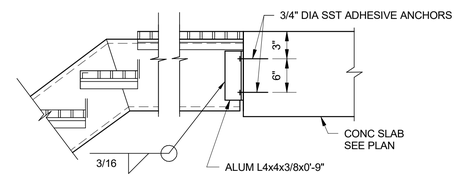
Autodesk Docs://10339152_TDLE - OMFS Phase III_2021/OMFS-M08-S-v2022.rvt



STAIR NOTES:

1. DETAILS SHOWN FOR GRATING TREADS. CHECKERED PL TREADS ARE SIMILAR. SEE ARCH STAIR SCHEDULE FOR TREAD MATERIALS.
2. STAIRS AND LANDINGS SHALL BE DESIGNED BY FABRICATOR SUBJECT TO APPROVAL OF ENGINEER. DESIGN LIVE LOAD SHALL BE AS STATED BELOW.
3. ANCHOR TO CONCRETE WITH 3/4" DIA STAINLESS STEEL ANCHOR BOLTS, NUTS, AND WASHERS AS SHOWN IN DETAIL.
4. ALL STAIRS, LANDINGS, THEIR CONNECTIONS AND SUPPORTS SHALL BE DESIGNED FOR A LIVE LOAD OF 100 PSF UNIFORM LOAD OR A CONCENTRATED LIVE LOAD OF 1000 LB, WHICHEVER PRODUCES THE GREATER STRESSES AND REACTIONS. THE 1000 LB LOAD SHALL BE ABLE TO BE PLACED ANYWHERE ON THE STAIR SYSTEM. STAIR DEFLECTION DUE TO LIVE LOAD SHALL NOT EXCEED SPAN/480. SEE SPECIFICATION FOR ADDITIONAL STAIR DESIGN REQUIREMENTS.
5. BASE PLATES FOR COLUMNS SHALL REST ON 1" NON-SHRINK GROUT.
6. SEE ARCH DETAILS FOR STAIR DETAILS NOT SHOWN.
7. PROVIDE CHECKERED PLATE TREAD CLOSED RISERS WHERE INDICATED ON ARCH DRAWINGS.



NOTE:

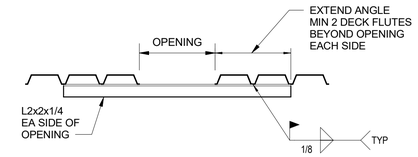
1. FOR ADDL INFORMATION, SEE 1A

1B

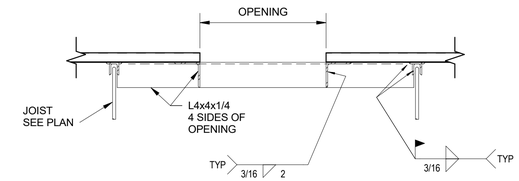
METAL STAIR

SCALE: 12" = 1'-0"

1



OPENING 6" TO 20"



OPENING GREATER THAN 20"

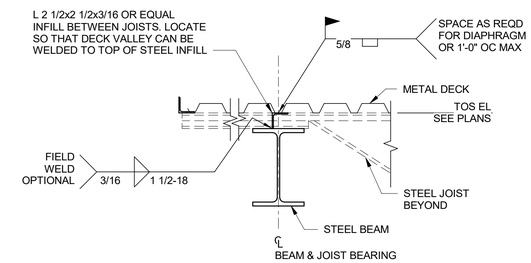
NOTES:

1. OPENING DIMENSION TO BE TAKEN TO THE LARGEST DIMENSION IN ANY DIRECTION.
2. FOR OPENING WITH DIMENSION PARALLEL TO STRUCTURAL FRAMING MEMBERS GREATER THAN 4'-0", NOTIFY ENGINEER.

ROOF DECK OPENING

SCALE: 1" = 1'-0"

2



METAL DECK SHEAR TRANSFER INFILL

SCALE: 1" = 1'-0"

3

PRELIMINARY ENGINEERING

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:

PACKAGE #

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

DATE:

SCALE: AS NOTED
FILENAME: OMFS-M08-S-v2022.rvt
CONTRACT No.: AE0030-17
SUBMITTAL DATE:

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

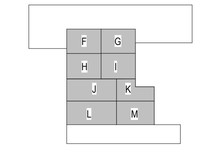
GENERAL

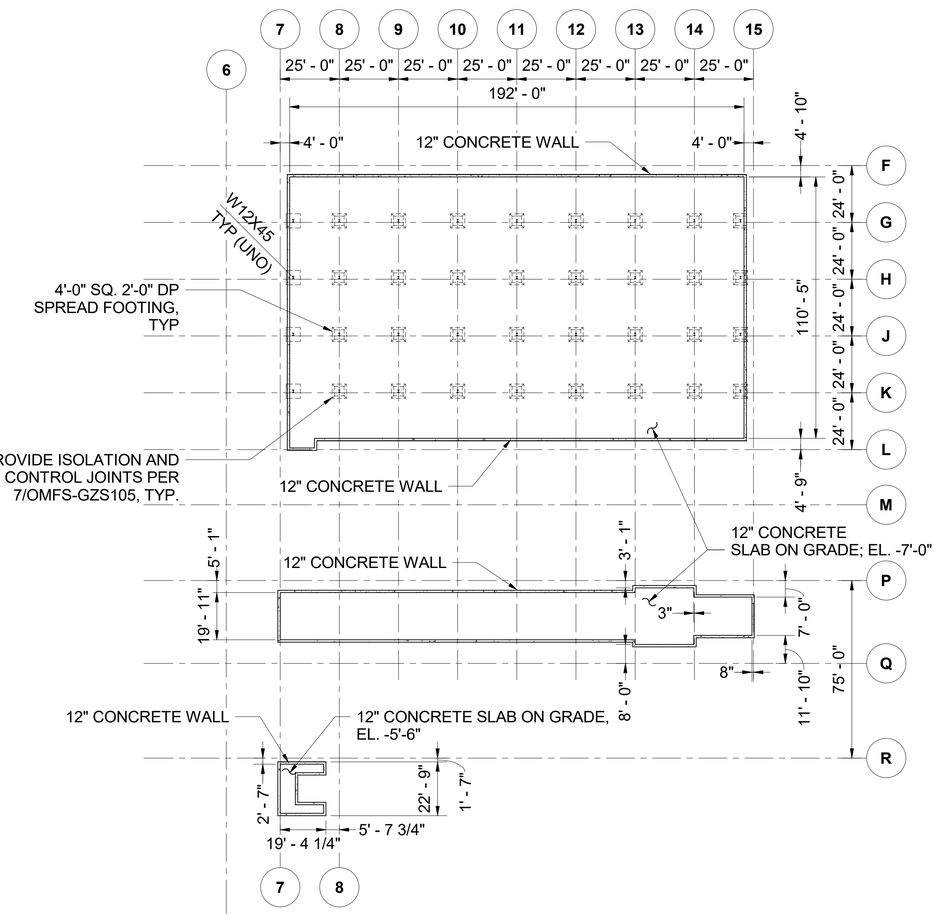
TYPICAL METAL DECK AND STAIR DETAILS

DRAWING No.: **OMFS-GZS109**
FACILITY ID: M08
SHEET No:
REV:

2/22/2024 9:37:35 PM
Autodesk Docs://10339152_TDLE - OMFS Phase III_2021/OMFS-M08-S-v2022.rvt

KEY PLAN - M08





8 4 0 8 16
SCALE IN FEET

M08 - OVERALL LOWER LEVEL
EL. -7' - 0"
SCALE: 1/32" = 1'-0"

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

NOT FOR CONSTRUCTION

AHJ:

PACKAGE #

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

DATE:

SCALE: 1/32" = 1'-0"
FILENAME: OMFS-M08-S-v2022.rvt
CONTRACT No.: AE0030-17
DATE:

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

M08 - STRUCTURE

OMF OVERALL LOWER WORK PLATFORM PLAN

DRAWING No.: **M08-SFP001**
FACILITY ID: M08
SHEET No: REV:

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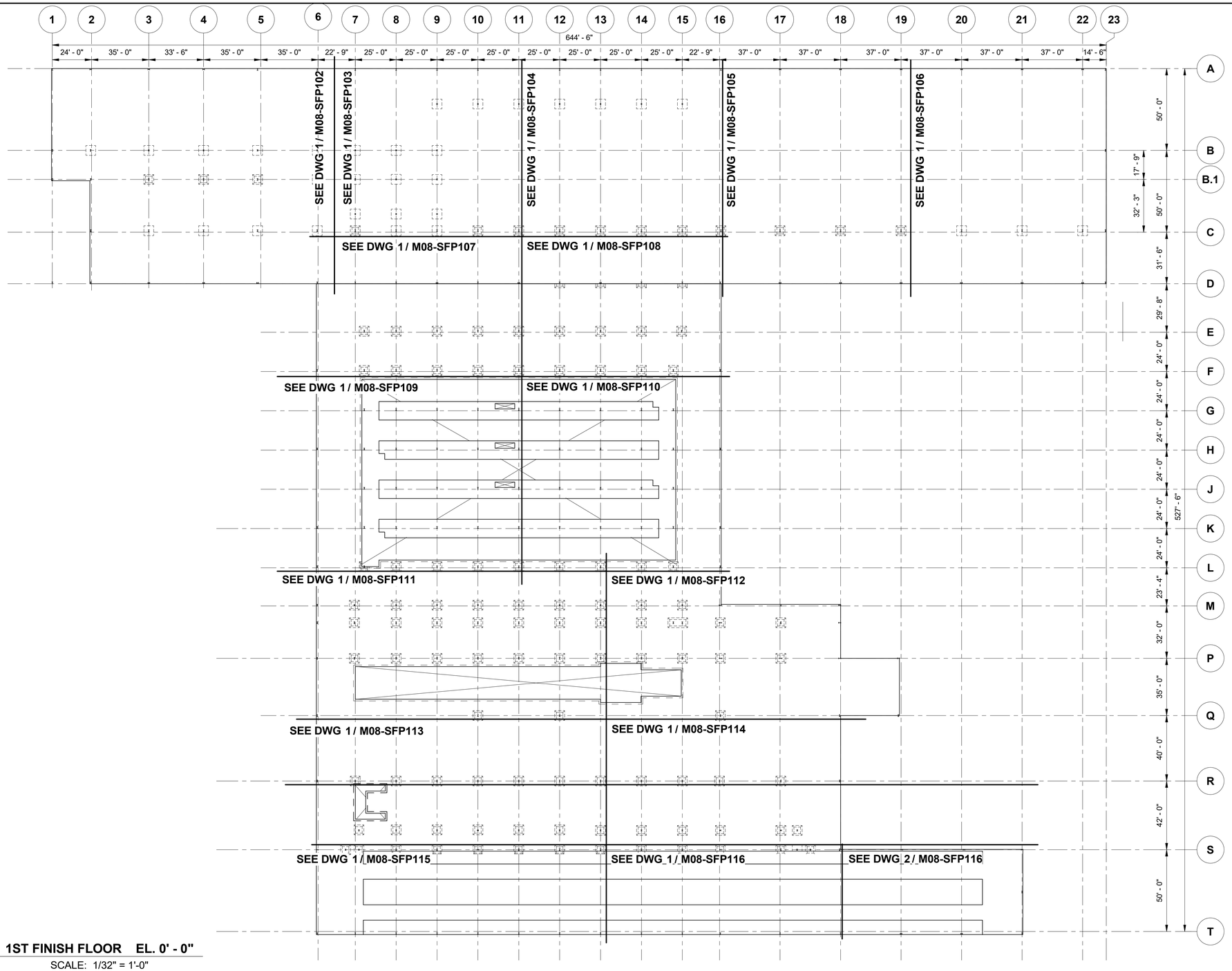
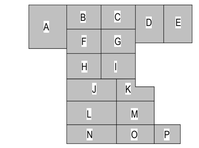
Autodesk Docs://10339152_TDLE - OMFS Phase III_2021/OMFS-M08-S-v2022.rvt



KEY PLAN - M08



N

8 4 0 8 16
SCALE IN FEET

1ST FINISH FLOOR EL. 0' - 0"

SCALE: 1/32" = 1'-0"

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

NOT FOR CONSTRUCTION

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:

PACKAGE #

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

DATE:

SCALE: 1/32" = 1'-0"
FILENAME: OMFS-M08-S-v2022.rvt
CONTRACT No.: AE0030-17
DATE:

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

M08 - STRUCTURE
OMF OVERALL PLAN - LEVEL1

DRAWING No.: **M08-SFP101**
FACILITY ID: M08
SHEET No: REV:

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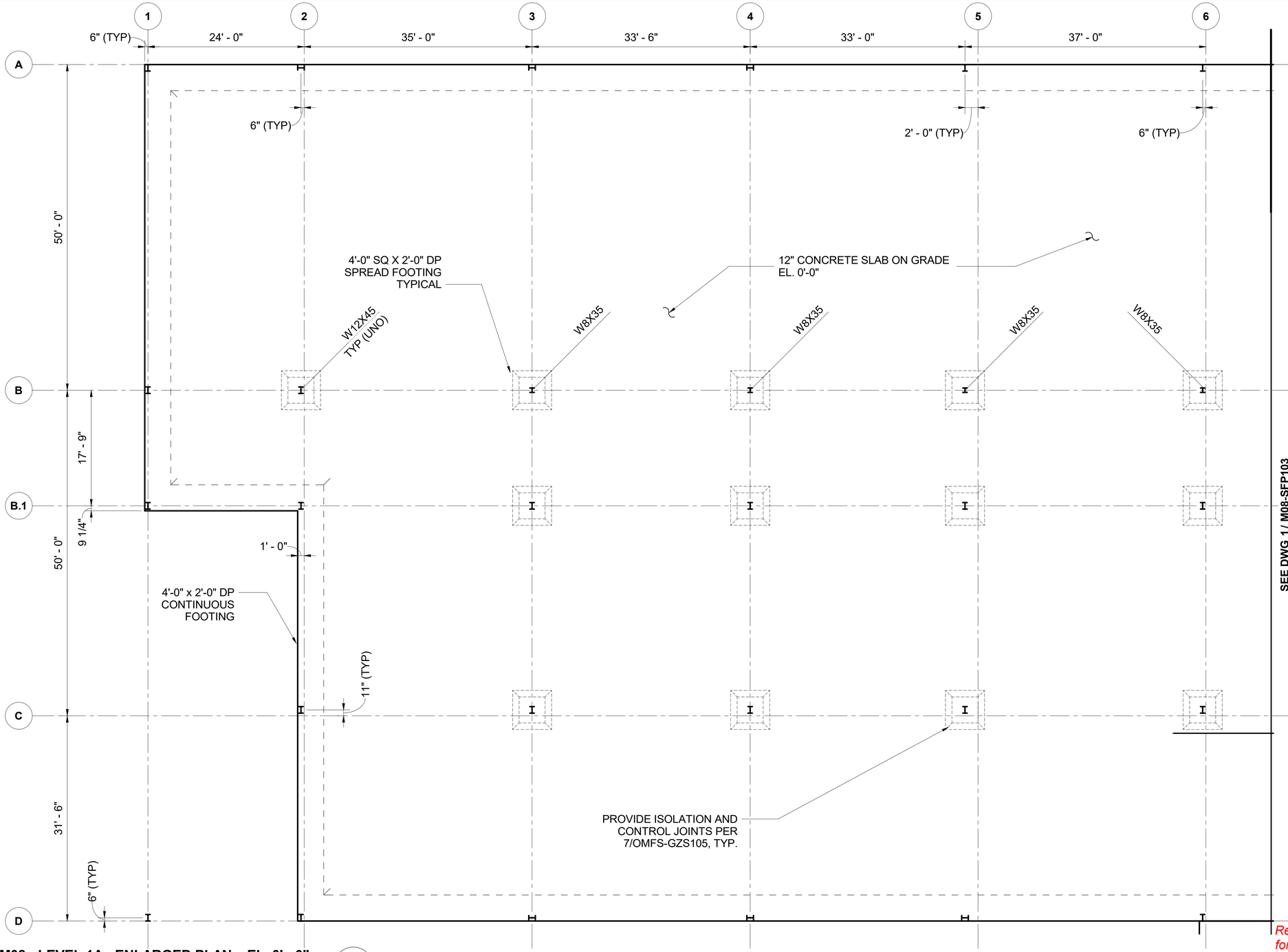
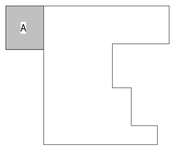


KEY PLAN - M08



N

8 4 0 8 16

SCALE IN FEET

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

M08 - LEVEL 1A - ENLARGED PLAN EL. 0' - 0" (1)

SCALE: 1/8" = 1'-0"

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:

PACKAGE #

DESIGNED BY:	DOUG PRINDLE
DRAWN BY:	DARRELL CEBALLOS
CHECKED BY:	ANDY FORTNER
APPROVED BY:	P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

DATE:

SCALE:	1/8" = 1'-0"
FILENAME:	OMFS-M08-S-v2022.rvt
CONTRACT No.:	AE0030-17
DATE:	

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

M08 - STRUCTURE

OMF ENLARGED PLANS - LEVEL 1

DRAWING No.: **M08-SFP102**
FACILITY ID: M08
SHEET No: REV:

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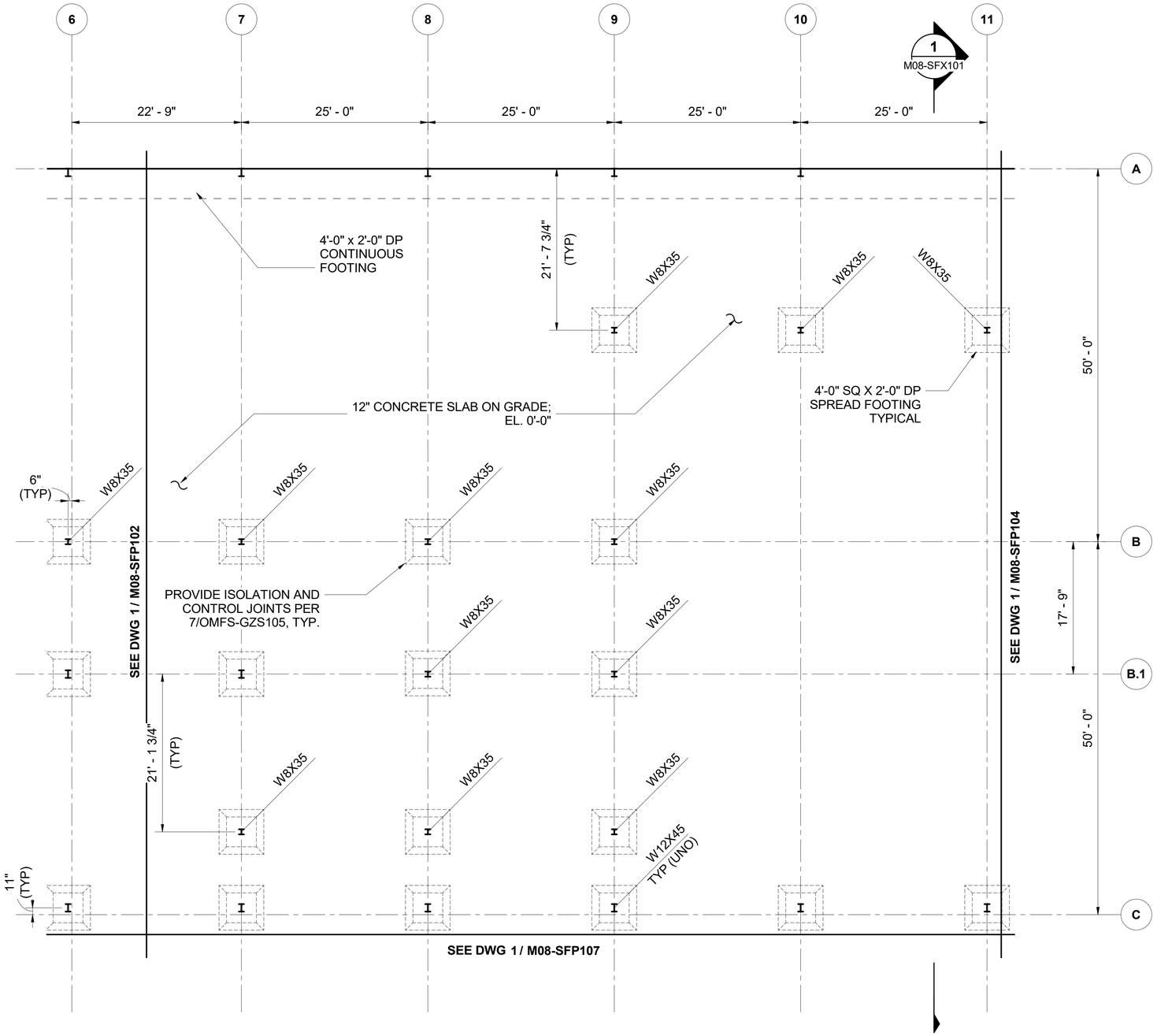
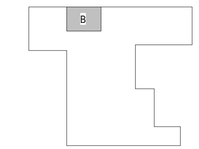
Autodesk Docs://10339152_TDLE - OMFS Phase III_2021/OMFS-M08-S-v2022.rvt



KEY PLAN - M08



N

8 4 0 8 16
SCALE IN FEET

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

NOT FOR CONSTRUCTION

M08 - LEVEL 1B - ENLARGED PLAN EL. 0' - 0" (1)

SCALE: 1/8" = 1'-0"

AHJ:

PACKAGE #

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

DATE:

SCALE: 1/8" = 1'-0"
FILENAME: OMFS-M08-S-v2022.rvt
CONTRACT No.: AE0030-17
DATE:

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

M08 - STRUCTURE

OMF ENLARGED PLANS - LEVEL 1

DRAWING No.: **M08-SFP103**
FACILITY ID: M08
SHEET No: REV:

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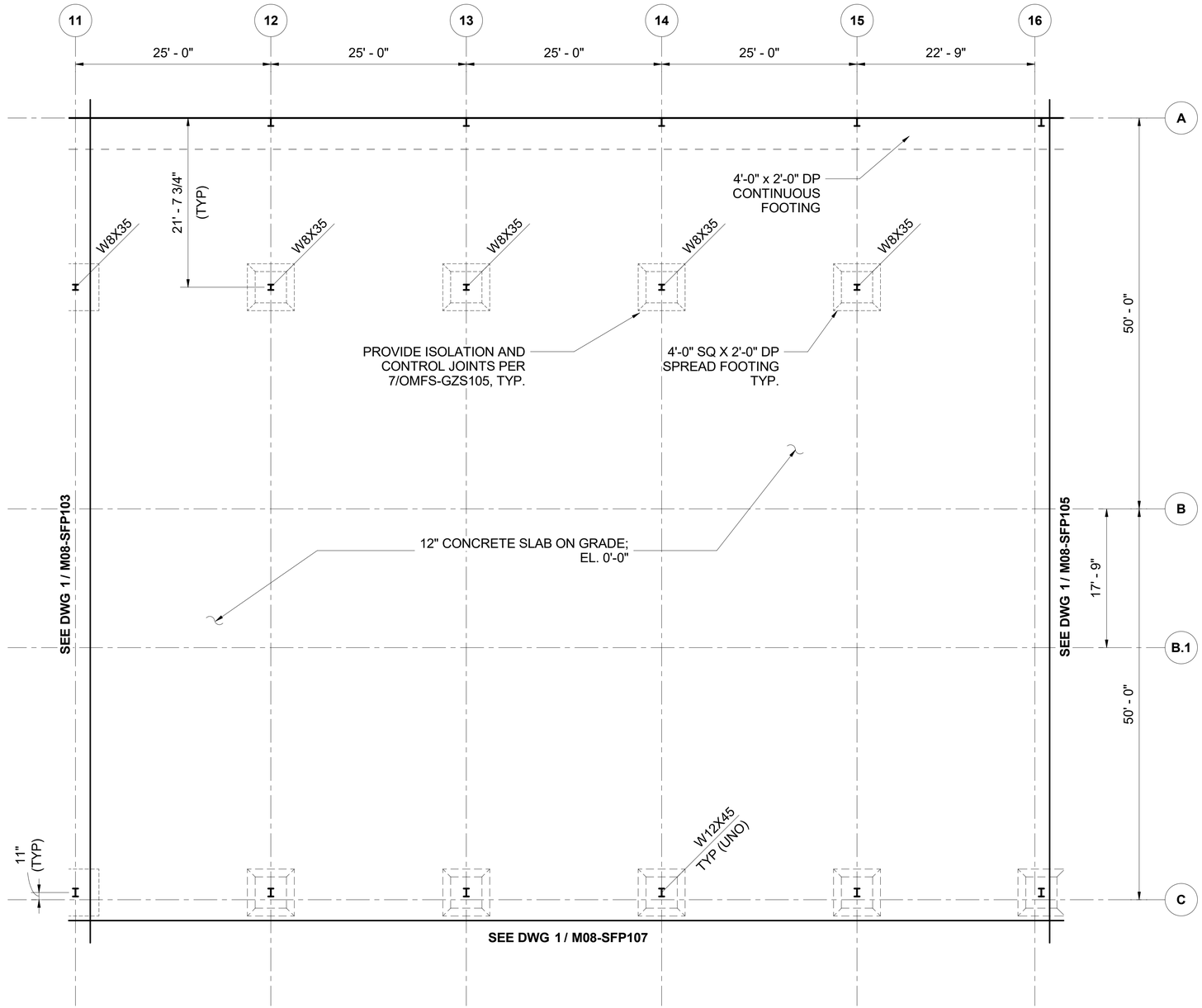
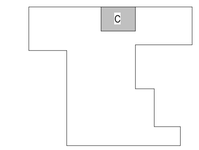


KEY PLAN - M08



8 4 0 8 16
SCALE IN FEET

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

NOT FOR CONSTRUCTION

M08 - LEVEL 1C - ENLARGED PLAN EL. 0' - 0" (1)

SCALE: 1/8" = 1'-0"

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:

PACKAGE #

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

DATE:

SCALE: 1/8" = 1'-0"
FILENAME: OMFS-M08-S-v2022.rvt
CONTRACT No.: AE0030-17
DATE:

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

M08 - STRUCTURE

OMF ENLARGED PLANS - LEVEL 1

DRAWING No.: **M08-SFP104**
FACILITY ID: M08
SHEET No: REV:

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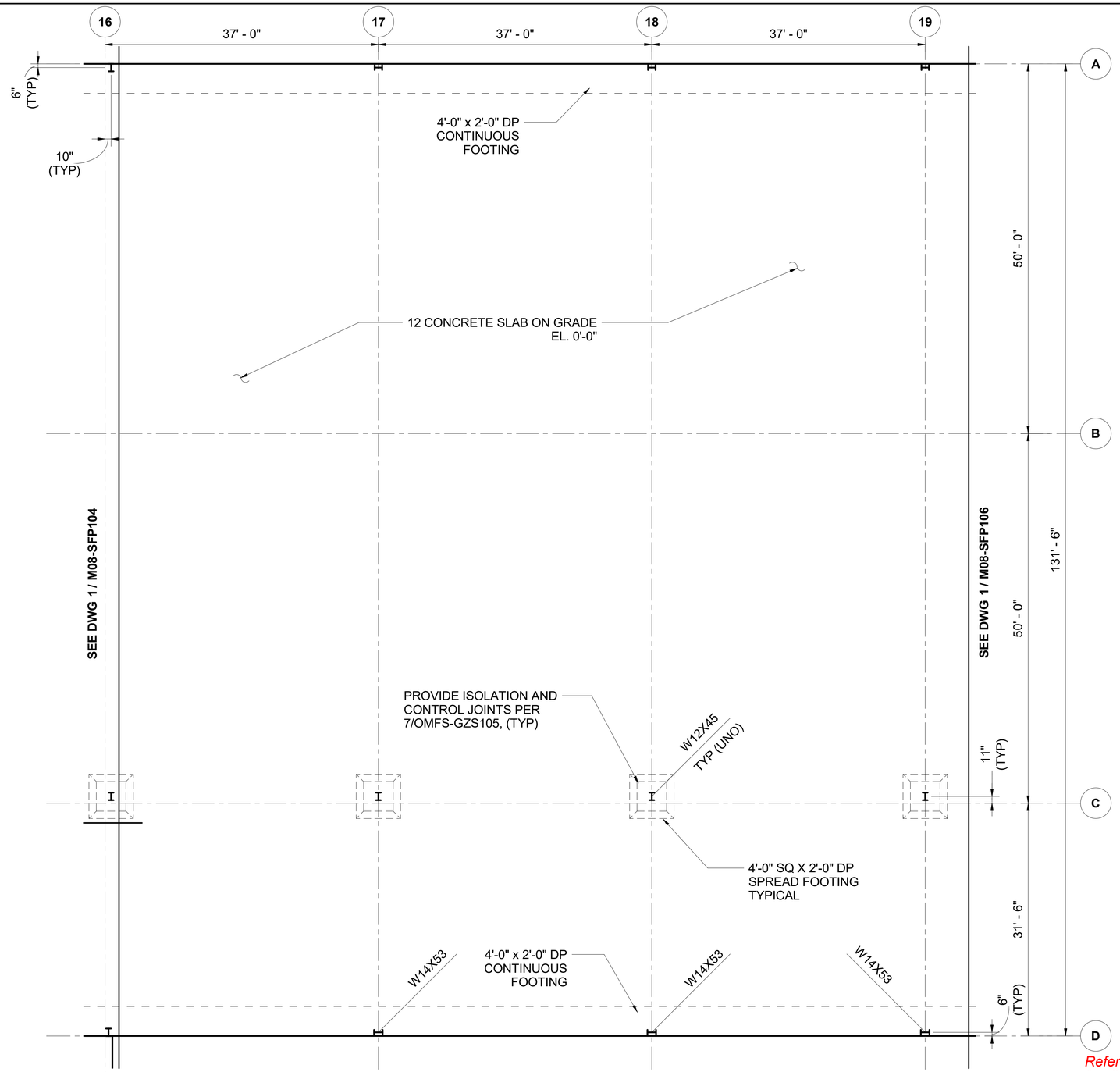
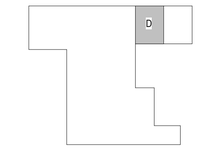


KEY PLAN - M08



N

8 4 0 8 16
SCALE IN FEET

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

M08 - LEVEL 1D - ENLARGED PLAN EL. 0' - 0" (1)

SCALE: 1/8" = 1'-0"

AHJ:

PACKAGE #

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

DATE:

SCALE: 1/8" = 1'-0"
FILENAME: OMFS-M08-S-v2022.rvt
CONTRACT No.: AE0030-17
DATE:

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

M08 - STRUCTURE

OMF ENLARGED PLANS - LEVEL 1

DRAWING No.: **M08-SFP105**
FACILITY ID: M08
SHEET No:
REV:

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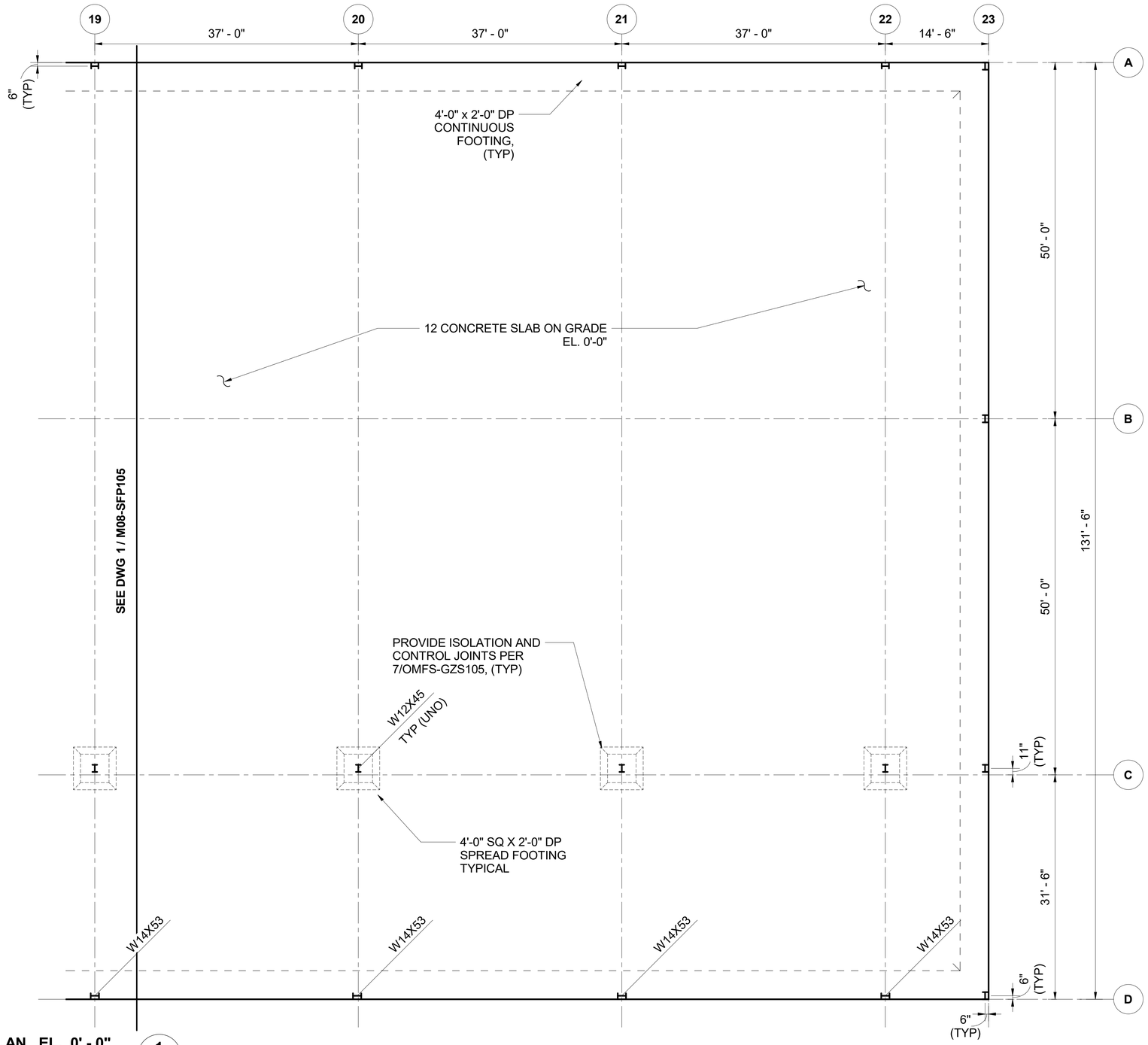
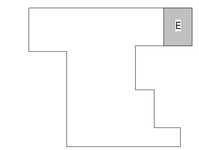


M08 - LEVEL 1E - ENLARGED PLAN EL. 0' - 0"

1

SCALE: 1/8" = 1'-0"

KEY PLAN - M08



N

8 4 0 8 16

SCALE IN FEET

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:

PACKAGE #

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

DATE:

SCALE: 1/8" = 1'-0"
FILENAME: OMFS-M08-S-v2022.rvt
CONTRACT No.: AE0030-17
DATE:

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

M08 - STRUCTURE

OMF ENLARGED PLANS - LEVEL 1

DRAWING No.: **M08-SFP106**
FACILITY ID: M08
SHEET No:
REV:

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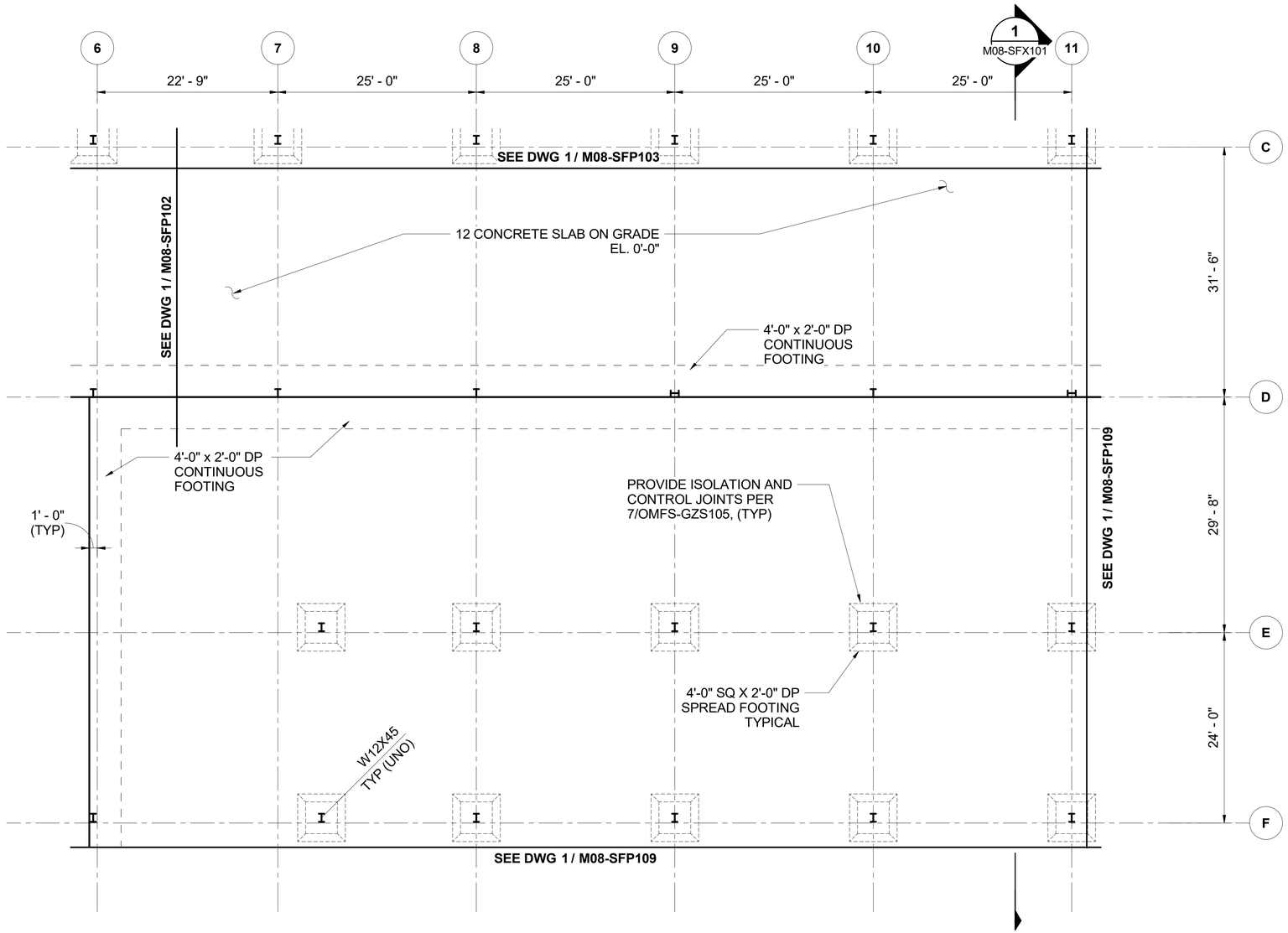
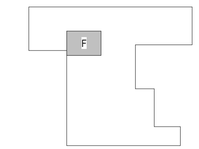


KEY PLAN - M08



N

8 4 0 8 16

SCALE IN FEET

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

NOT FOR CONSTRUCTION

M08 - LEVEL 1F - ENLARGED PLAN EL. 0' - 0" (1)

SCALE: 1/8" = 1'-0"

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:

PACKAGE #

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

DATE:

SCALE: 1/8" = 1'-0"
FILENAME: OMFS-M08-S-v2022.rvt
CONTRACT No.: AE0030-17
DATE:

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

M08 - STRUCTURE
OMF ENLARGED PLANS - LEVEL 1

DRAWING No.: **M08-SFP107**
FACILITY ID: M08
SHEET No: REV:

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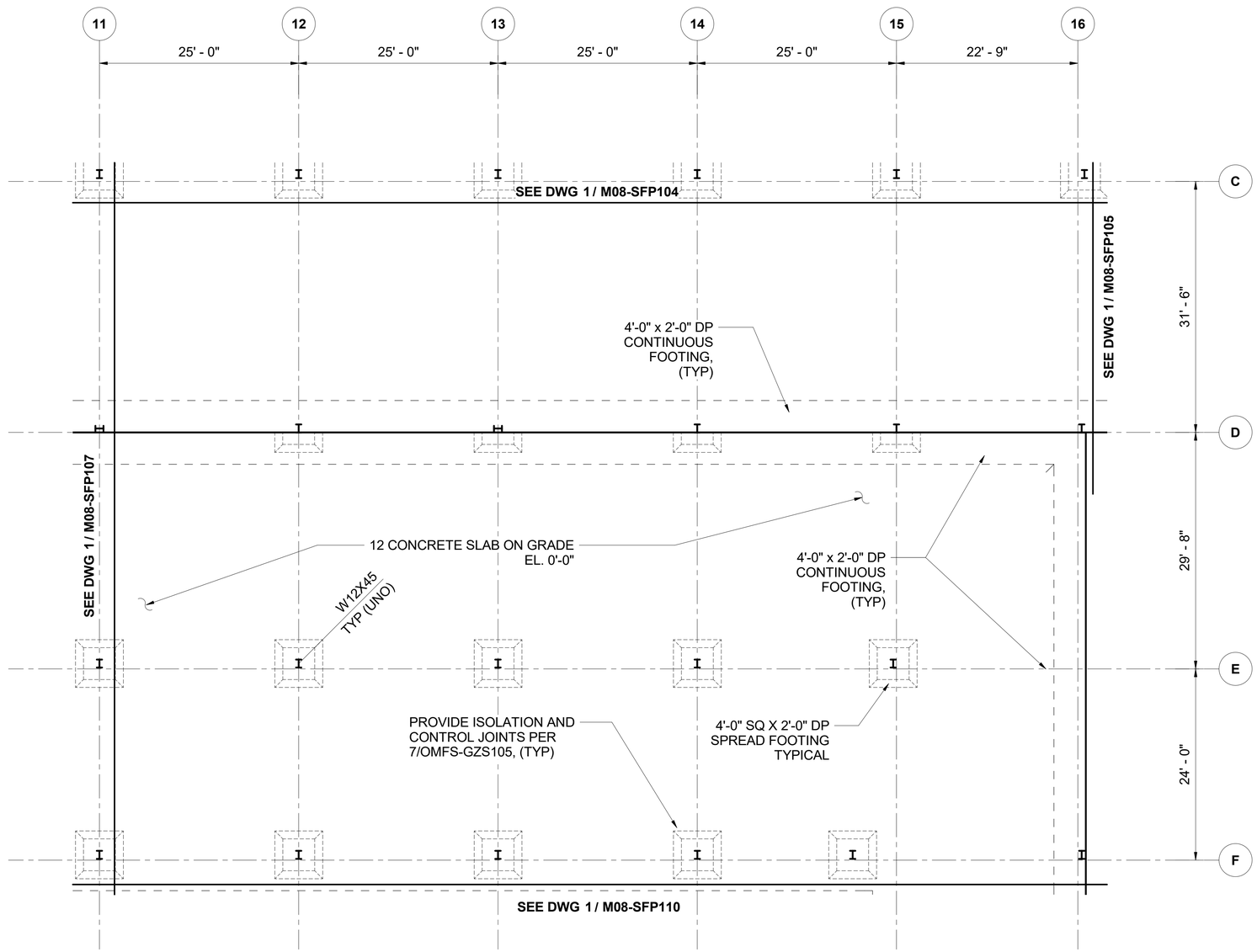
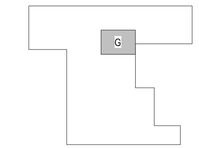


KEY PLAN - M08



N

8 4 0 8 16

SCALE IN FEET

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

M08 - LEVEL 1G - ENLARGED PLAN EL. 0' - 0" (1)

SCALE: 1/8" = 1'-0"

AHJ:

PACKAGE #

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY:	DOUG PRINDLE
DRAWN BY:	DARRELL CEBALLOS
CHECKED BY:	ANDY FORTNER
APPROVED BY:	P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER | DATE: 02/27/2024 | REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

DATE: | DATE:

SCALE:	1/8" = 1'-0"
FILENAME:	OMFS-M08-S-v2022.rvt
CONTRACT No.:	AE0030-17

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

M08 - STRUCTURE

OMF ENLARGED PLANS - LEVEL 1

DRAWING No.: **M08-SFP108**

FACILITY ID: M08

SHEET No: | REV:

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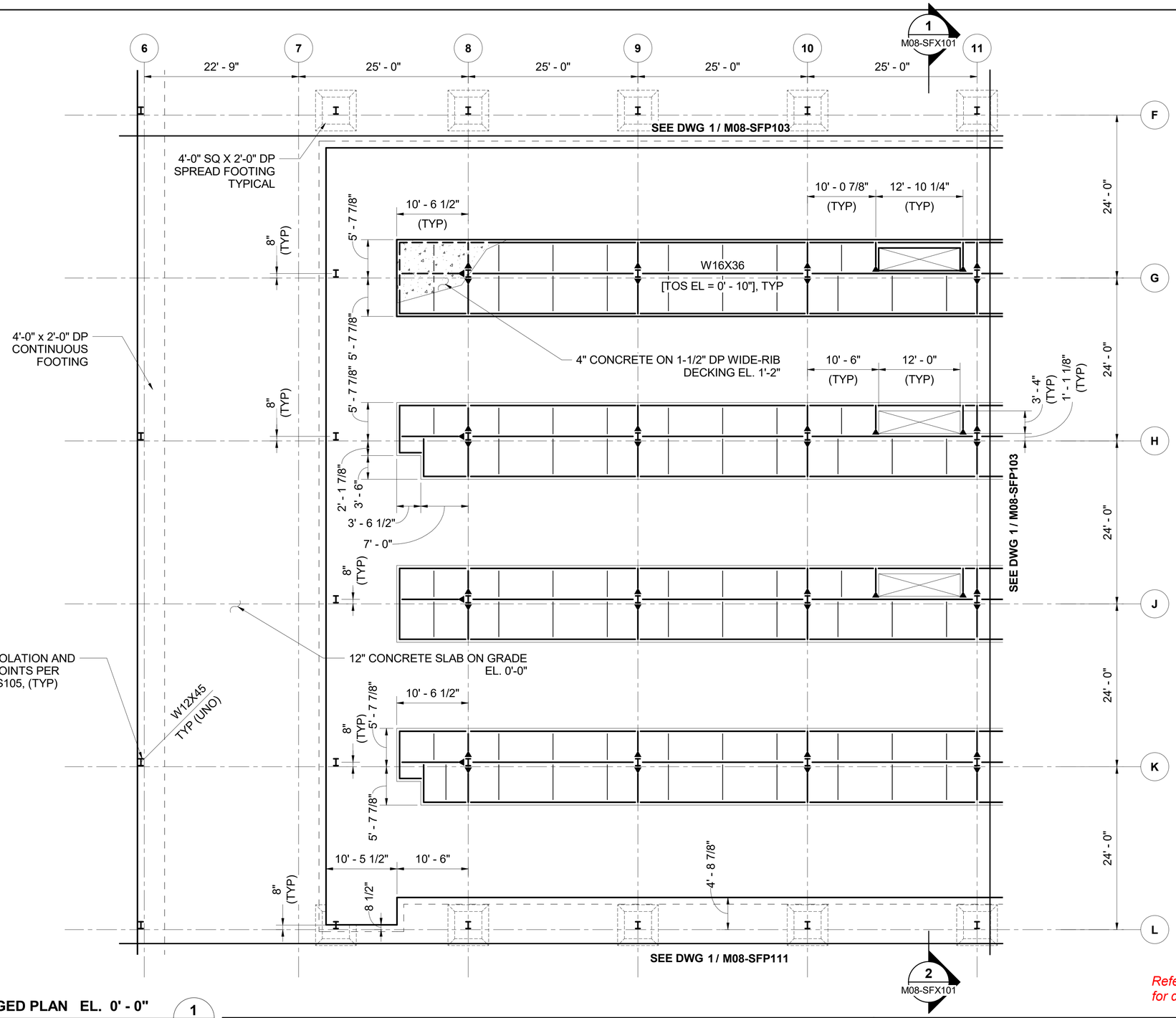
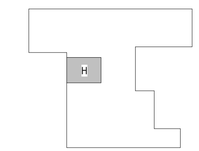


KEY PLAN - M08



N

8 4 0 8 16
SCALE IN FEET

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

NOT FOR CONSTRUCTION

M08 - LEVEL 1H - ENLARGED PLAN EL. 0' - 0" (1)

SCALE: 1/8" = 1'-0"

AHJ:

PACKAGE #

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

DATE:

SCALE: 1/8" = 1'-0"
FILENAME: OMFS-M08-S-v2022.rvt
CONTRACT No.: AE0030-17
DATE:

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

M08 - STRUCTURE

OMF ENLARGED PLANS - LEVEL 1

DRAWING No.: **M08-SFP109**
FACILITY ID: M08
SHEET No: REV:

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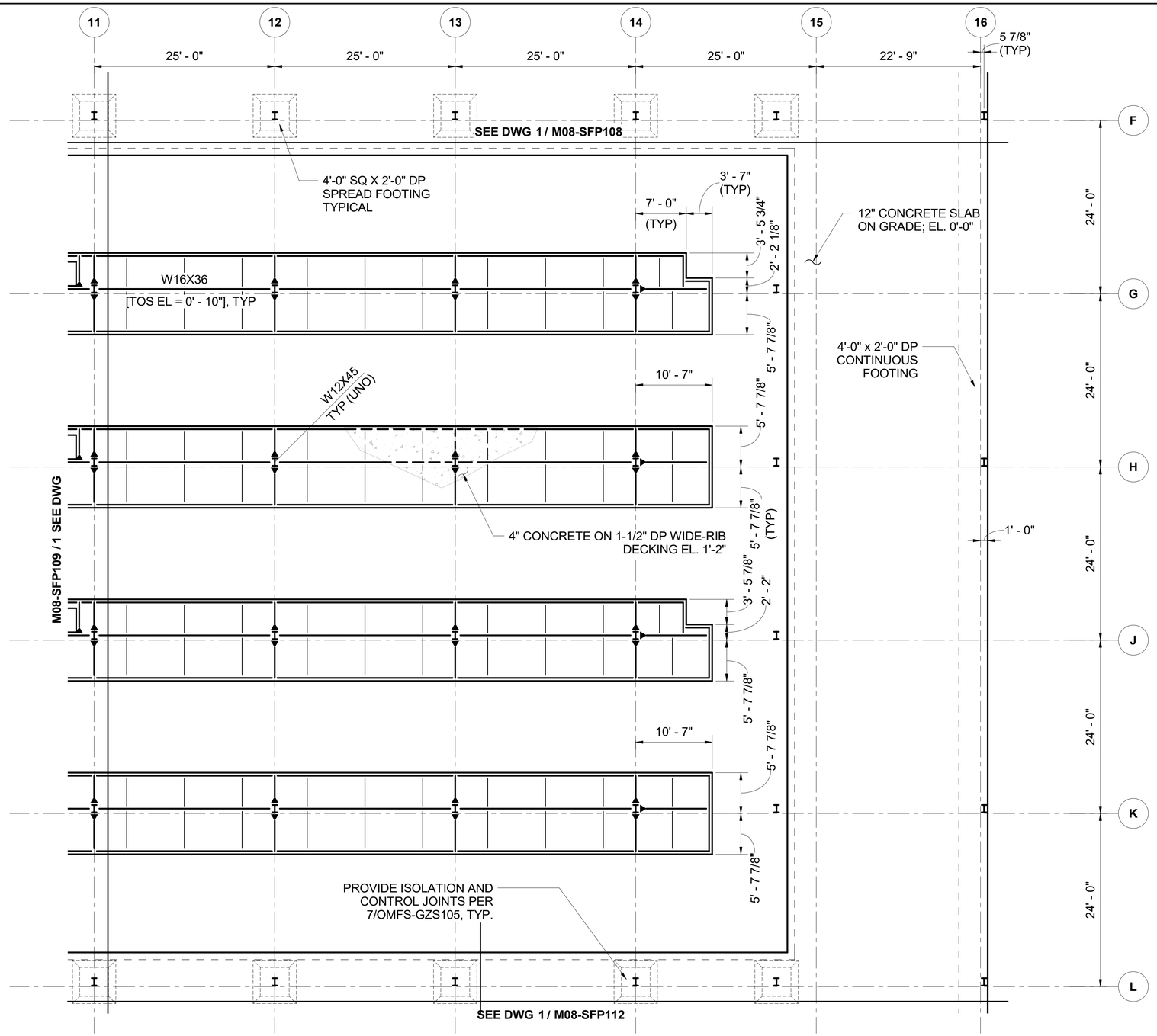
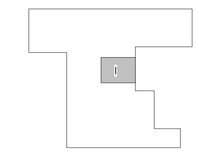


KEY PLAN - M08



N

8 4 0 8 16
SCALE IN FEET

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

NOT FOR CONSTRUCTION

M08 - LEVEL 1I - ENLARGED PLAN EL. 0' - 0" (1)

SCALE: 1/8" = 1'-0"

AHJ:

PACKAGE #

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

DATE:

SCALE: 1/8" = 1'-0"
FILENAME: OMFS-M08-S-v2022.rvt
CONTRACT No.: AE0030-17
DATE:

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

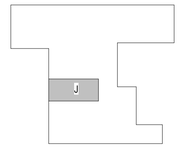
M08 - STRUCTURE

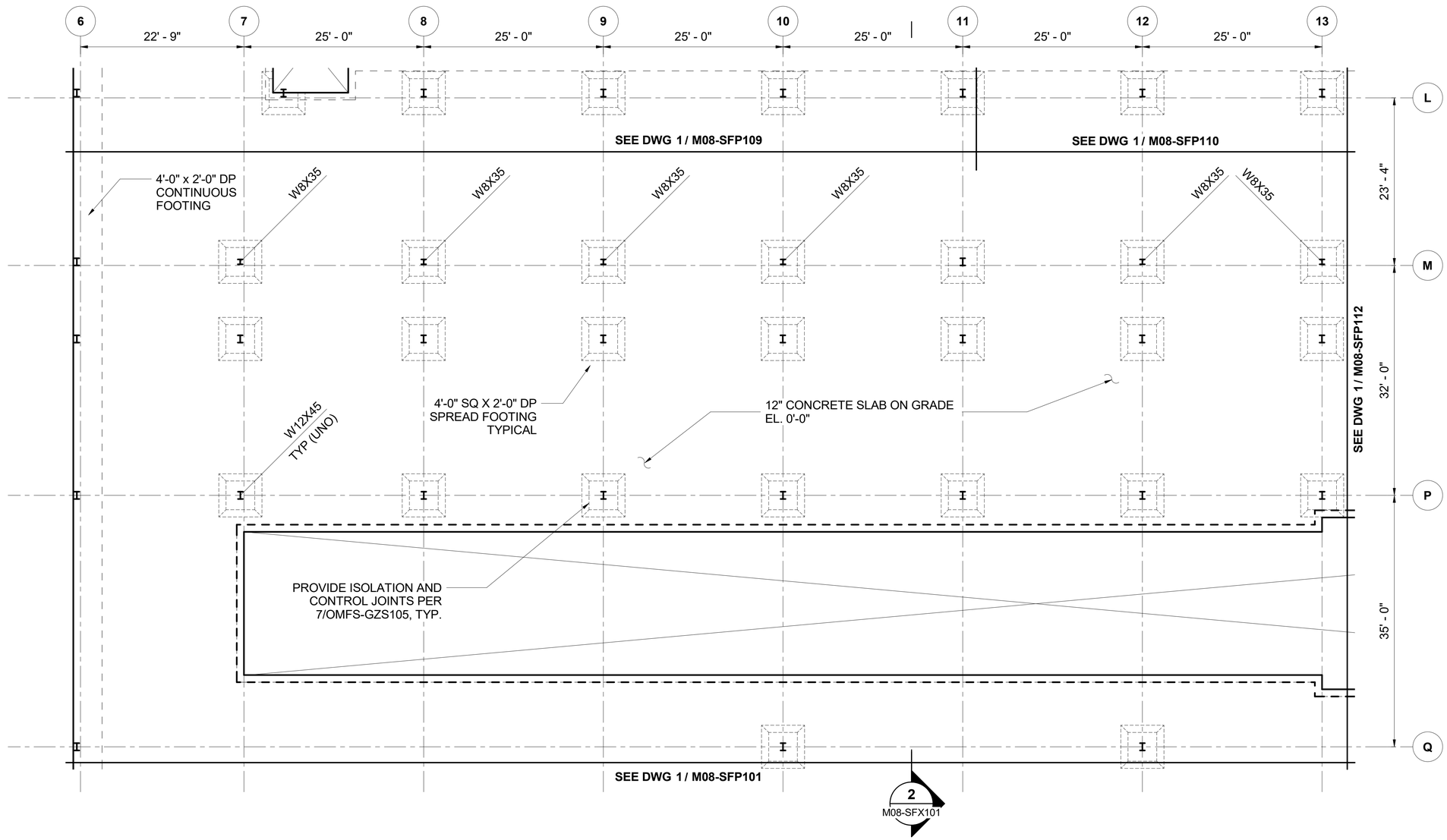
OMF ENLARGED PLANS - LEVEL 1

DRAWING No.: **M08-SFP110**
FACILITY ID: M08
SHEET No:
REV:

2/26/2024 12:21:57 PM
Autodesk Docs://10339152_TDLE - OMFS Phase III_2021/OMFS-M08-S-v2022.rvt

KEY PLAN - M08





8 4 0 8 16
SCALE IN FEET

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

NOT FOR CONSTRUCTION

M08 - LEVEL 1J - ENLARGED PLAN EL. 0' - 0" (1)

SCALE: 1/8" = 1'-0"

AHJ:

PACKAGE #

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

DATE:

SCALE: 1/8" = 1'-0"
FILENAME: OMFS-M08-S-v2022.rvt
CONTRACT No.: AE0030-17
DATE:

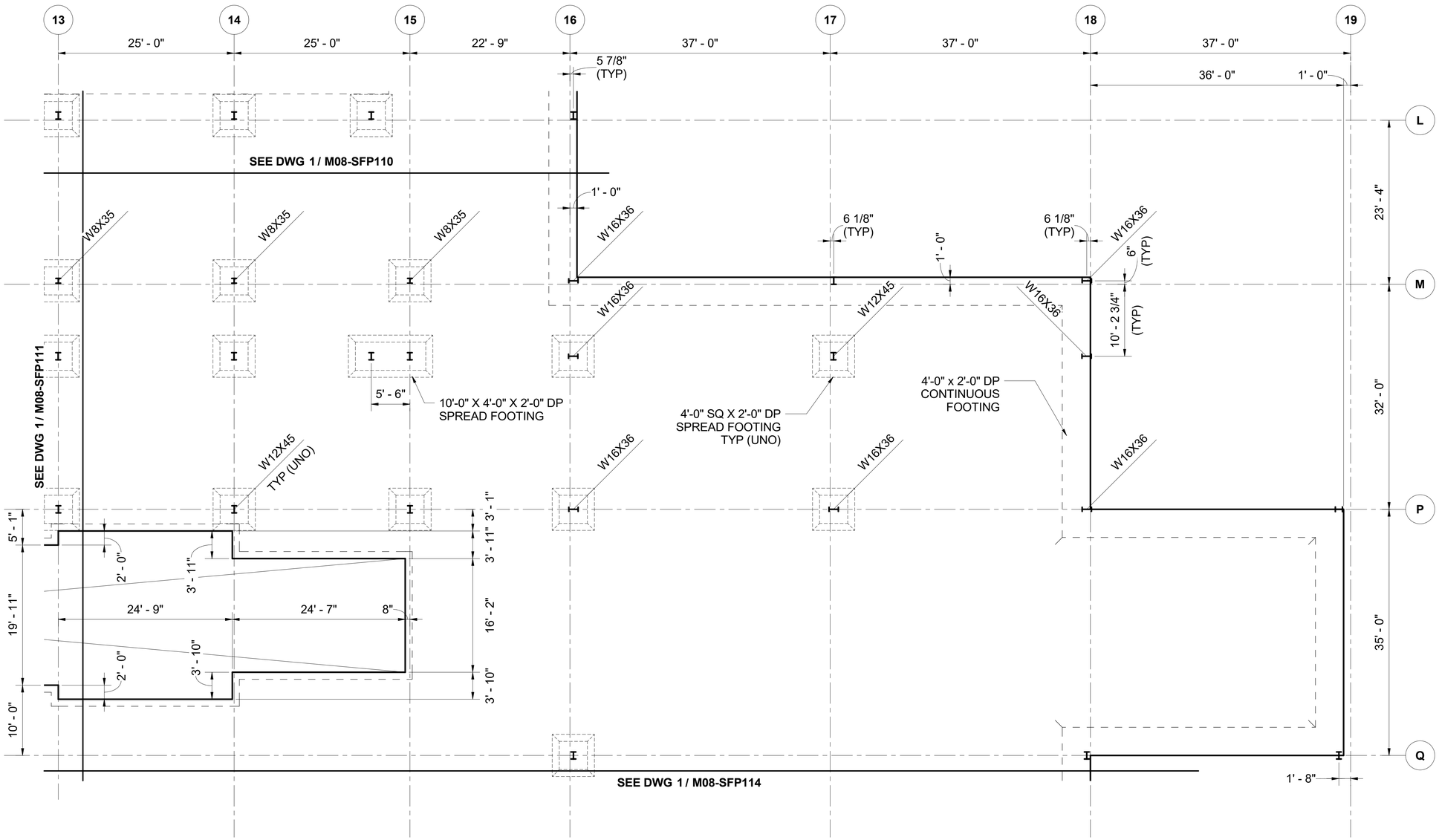
SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

M08 - STRUCTURE

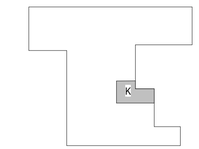
OMF ENLARGED PLANS - LEVEL 1

DRAWING No.: **M08-SFP111**
FACILITY ID: M08
SHEET No: REV:

2/26/2024 12:21:58 PM
Autodesk Docs://10339152_TDLE - OMFS Phase III_2021/OMFS-M08-S-v2022.rvt



KEY PLAN - M08



N

8 4 0 8 16
SCALE IN FEET

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

M08 - LEVEL 1K - ENLARGED PLAN EL. 0' - 0" (1)

SCALE: 1/8" = 1'-0"

AHJ:

PACKAGE #

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

DATE:
DATE:

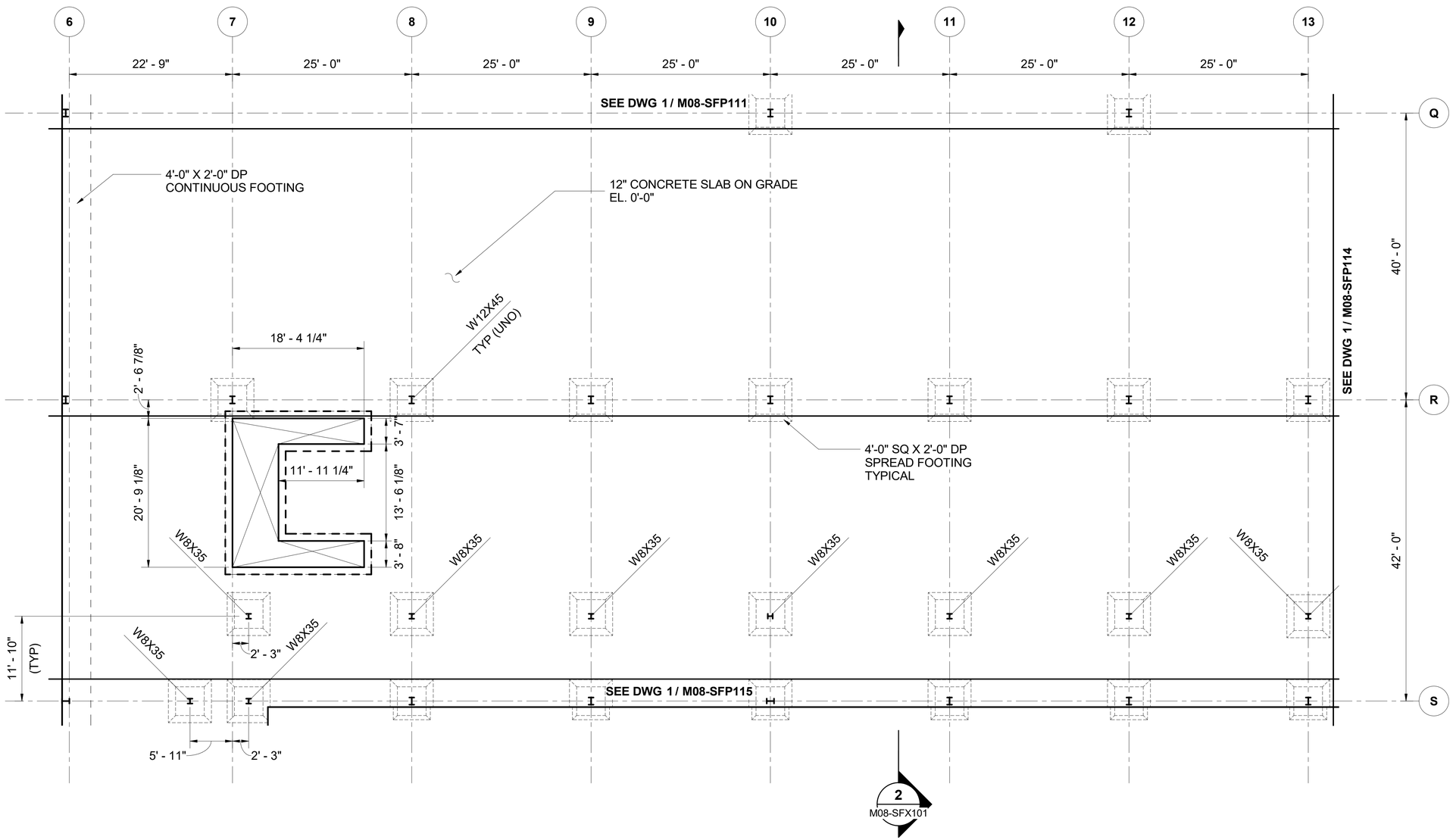
SCALE: 1/8" = 1'-0"
FILENAME: OMFS-M08-S-v2022.rvt
CONTRACT No.: AE0030-17

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

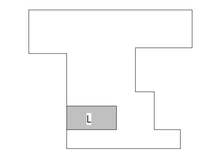
M08 - STRUCTURE
OMF ENLARGED PLANS - LEVEL 1

DRAWING No.: **M08-SFP112**
FACILITY ID: M08
SHEET No: REV:

2/26/2024 12:21:58 PM
Autodesk Docs://10339152_TDLE - OMFS Phase III_2021/OMFS-M08-S-v2022.rvt



KEY PLAN - M08



N

8 4 0 8 16

SCALE IN FEET

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

NOT FOR CONSTRUCTION

M08 - LEVEL 1L - ENLARGED PLAN EL. 0' - 0" (1)

SCALE: 1/8" = 1'-0"

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:

PACKAGE #

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

DATE:

SCALE: 1/8" = 1'-0"
FILENAME: OMFS-M08-S-v2022.rvt
CONTRACT No.: AE0030-17
DATE:

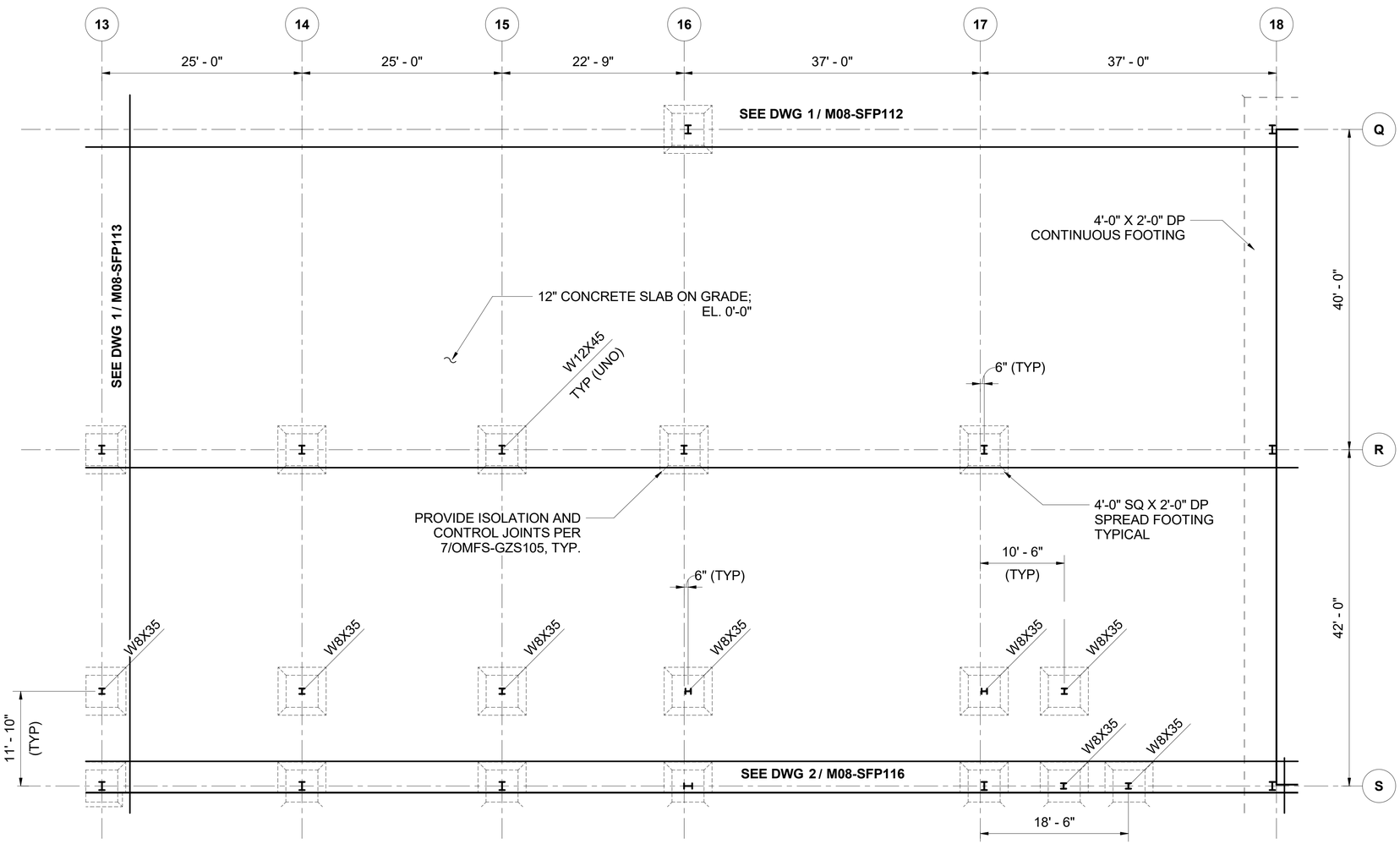
SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

M08 - STRUCTURE

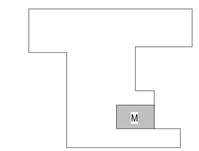
OMF ENLARGED PLANS - LEVEL 1

DRAWING No.: **M08-SFP113**
FACILITY ID: M08
SHEET No: REV:

2/26/2024 12:21:59 PM
Autodesk Docs://10339152_TDLE - OMFS Phase III_2021/OMFS-M08-S-v2022.rvt



KEY PLAN - M08



8 4 0 8 16
SCALE IN FEET

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

NOT FOR CONSTRUCTION

M08 - LEVEL 1M - ENLARGED PLAN EL. 0' - 0" (1)

SCALE: 1/8" = 1'-0"

AHJ:

PACKAGE #

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:
DATE:
DATE:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

SCALE: 1/8" = 1'-0"
FILENAME: OMFS-M08-S-v2022.rvt
CONTRACT No.: AE0030-17

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

M08 - STRUCTURE
OMF ENLARGED PLANS - LEVEL 1

DRAWING No.: **M08-SFP114**
FACILITY ID: M08
SHEET No: REV:

2/26/2024 12:22:00 PM
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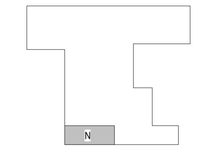
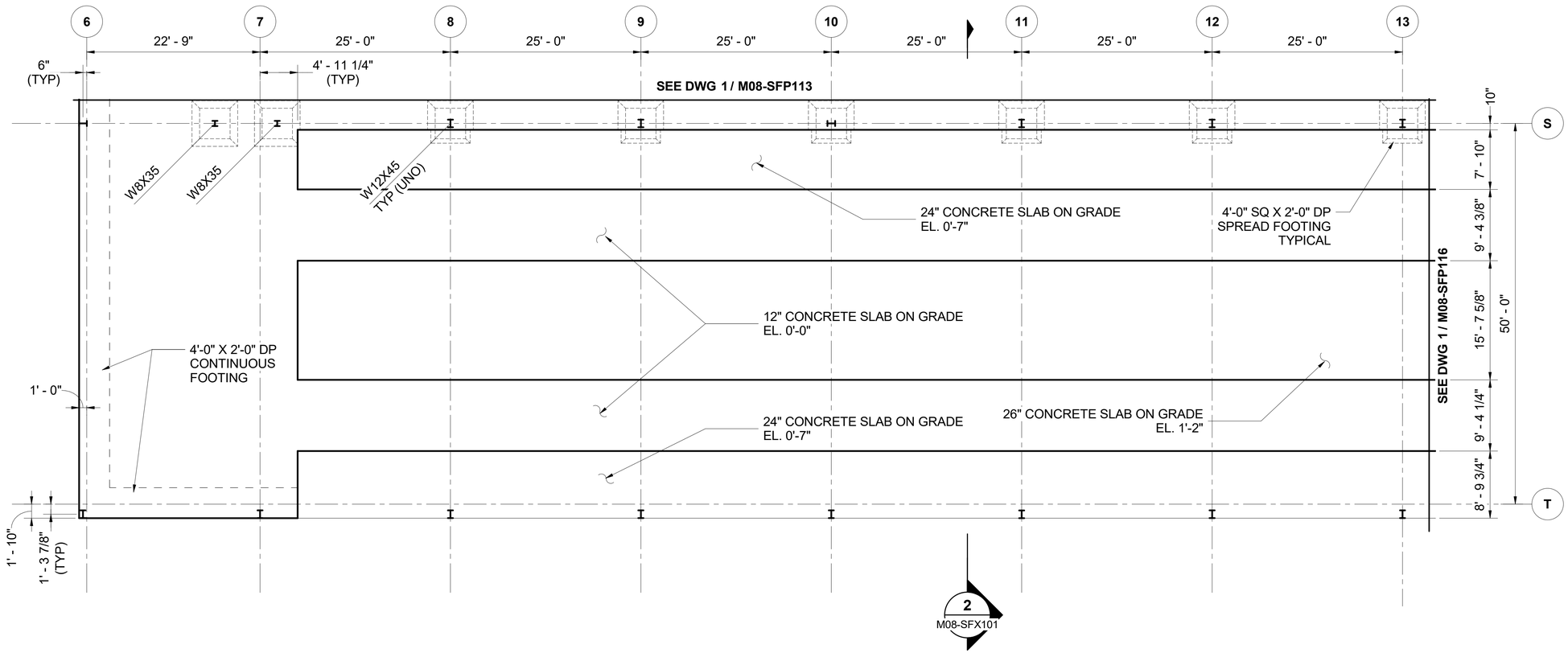
KEY PLAN - M08





Refer to the plan set COVER drawing for disclaimers regarding this drawing.

NOT FOR CONSTRUCTION

M08 - LEVEL 1N - ENLARGED PLAN EL. 0' - 0" (1)

SCALE: 1/8" = 1'-0"

AHJ:

PACKAGE #

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

DATE:

SCALE: 1/8" = 1'-0"
FILENAME: OMFS-M08-S-v2022.rvt
CONTRACT No.: AE0030-17
DATE:

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

M08 - STRUCTURE

OMF ENLARGED PLANS - LEVEL 1

DRAWING No.: **M08-SFP115**
FACILITY ID: M08
SHEET No:
REV:

2/26/2024 12:22:00 PM
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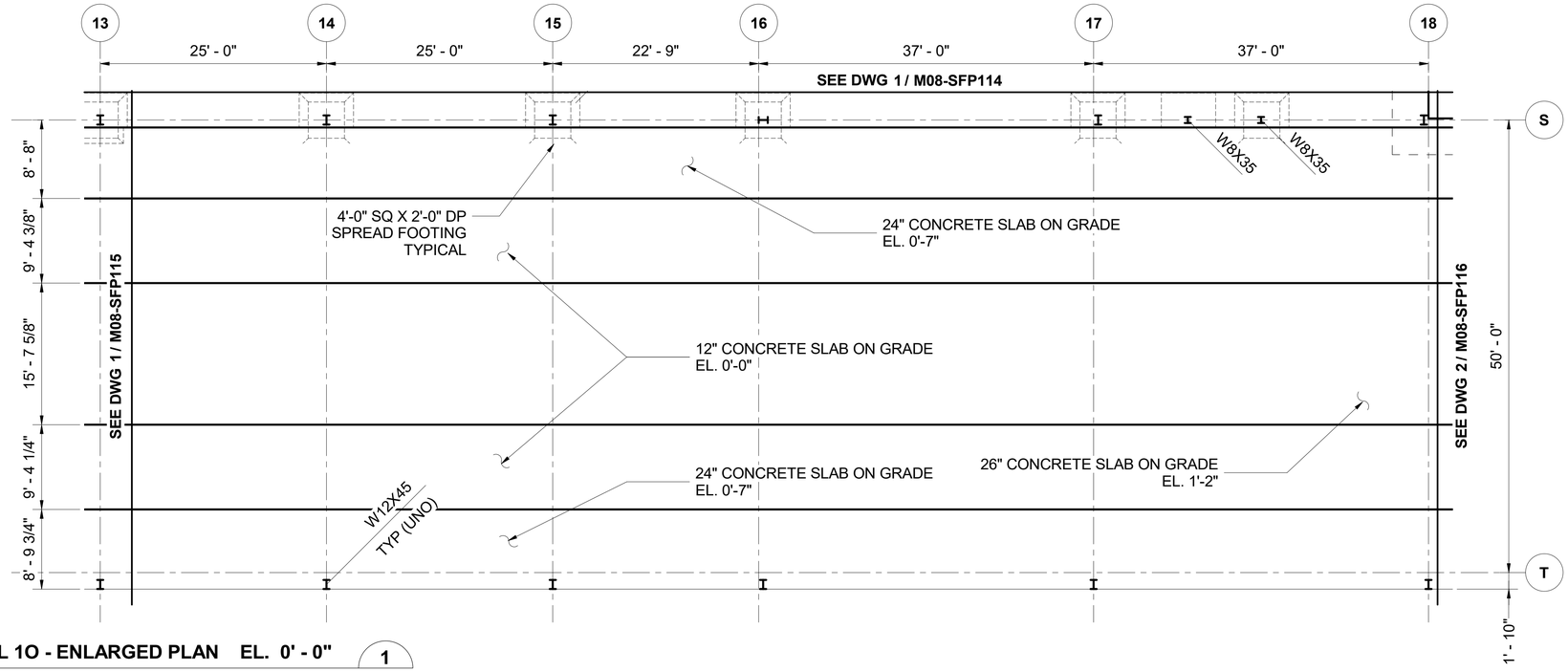
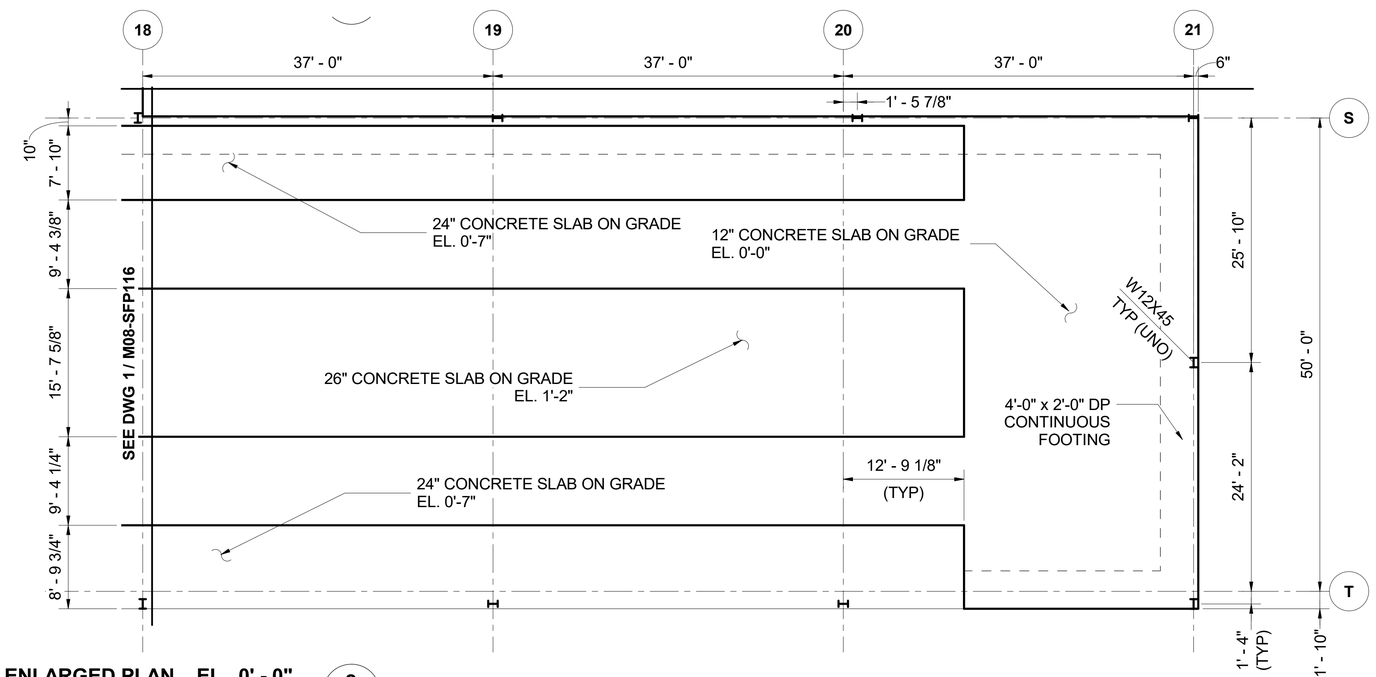


M08 - LEVEL 1O - ENLARGED PLAN EL. 0' - 0" (1)

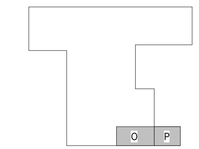
SCALE: 1/8" = 1'-0"

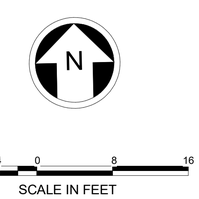


M08 - LEVEL 1P - ENLARGED PLAN EL. 0' - 0" (2)

SCALE: 1/8" = 1'-0"

KEY PLAN - M08





NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

AHJ:

PACKAGE #

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

DATE:

SCALE: 1/8" = 1'-0"
FILENAME: OMFS-M08-S-v2022.rvt
CONTRACT No.: AE0030-17
DATE:

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

M08 - STRUCTURE
OMF ENLARGED PLANS - LEVEL 1

DRAWING No.: **M08-SFP116**
FACILITY ID: M08
SHEET No: REV:

2/26/2024 12:22:01 PM
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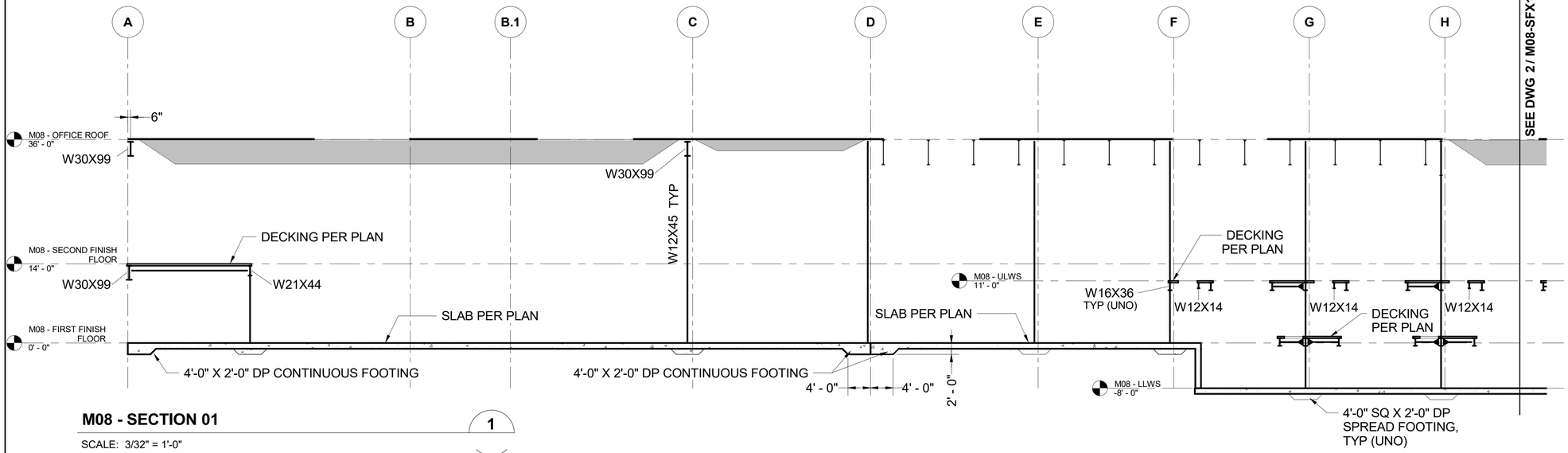
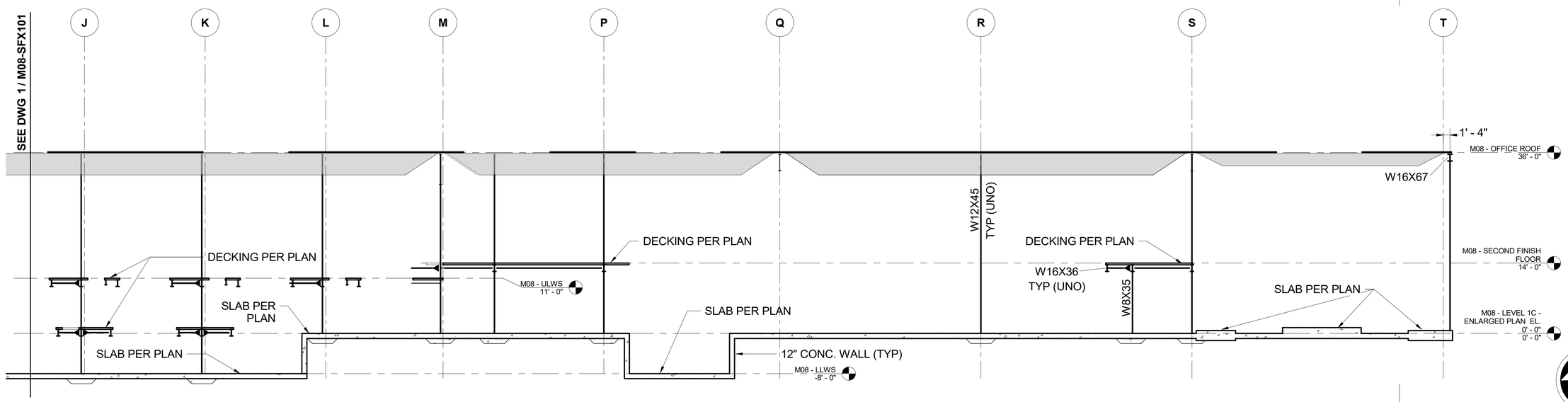


M08 - SECTION 01

1

SCALE: 3/32" = 1'-0"

KEY PLAN - M08



M08 - SECTION 02

2

SCALE: 3/32" = 1'-0"

8 4 0 8 16

SCALE IN FEET

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:

PACKAGE #

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

DATE:

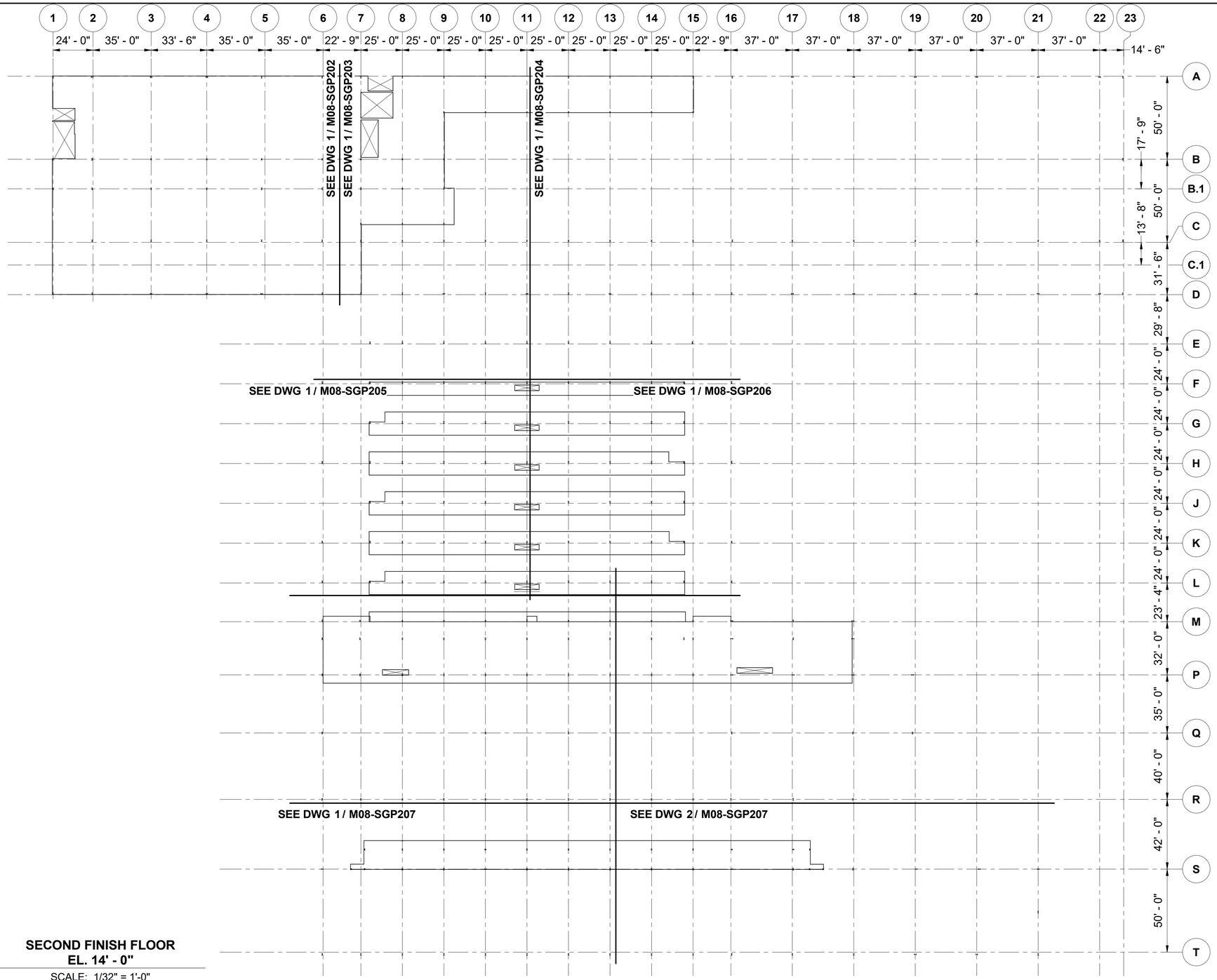
SCALE: 3/32" = 1'-0"
FILENAME: OMFS-M08-S-v2022.rvt
CONTRACT No.: AE0030-17
DATE:

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

M08 - STRUCTURE
BUILDING SECTION

DRAWING No.: **M08-SFX101**
FACILITY ID: M08
SHEET No:
REV:

2/26/2024 12:22:01 PM
Autodesk Docs://10339152_TDLE - OMFS Phase III_2021/OMFS-M08-S-v2022.rvt

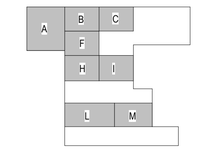


SECOND FINISH FLOOR
EL. 14' - 0"

SCALE: 1/32" = 1'-0"

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

KEY PLAN - M08



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8 4 0 8 16
SCALE IN FEET

NOT FOR CONSTRUCTION

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:

PACKAGE #

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

DATE:
DATE:

SCALE: 1/32" = 1'-0"
FILENAME: OMFS-M08-S-v2022.rvt
CONTRACT No.: AE0030-17

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

M08 - STRUCTURE
OMF OVERALL PLAN - LEVEL2

DRAWING No.: **M08-SGP201**
FACILITY ID: M08
SHEET No:
REV:

2/26/2024 12:22:02 PM
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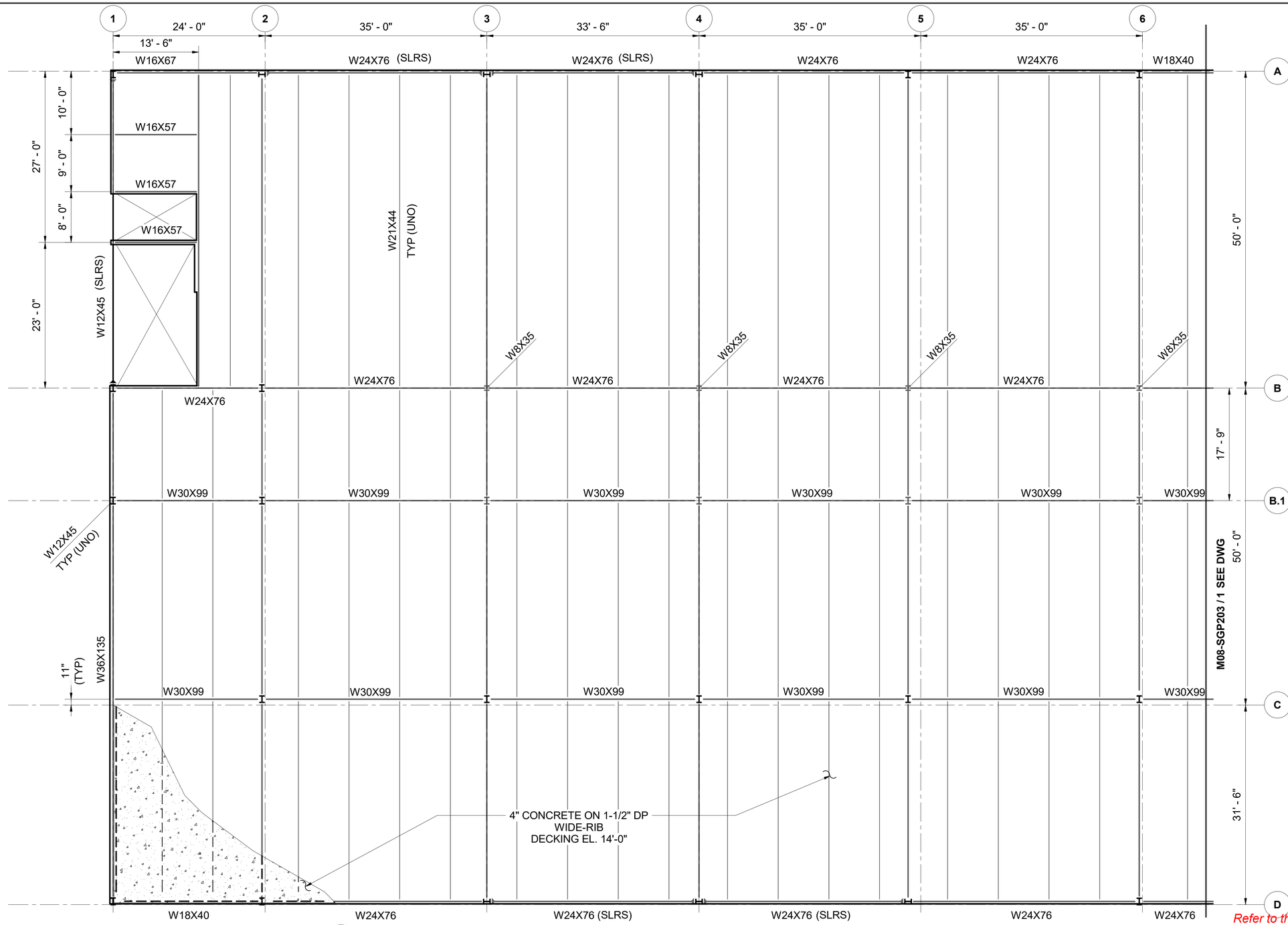
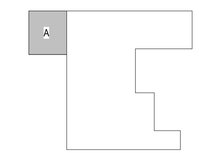


KEY PLAN - M08



N

8 4 0 8 16
SCALE IN FEET

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

M08 - LEVEL 2A - ENLARGED PLAN TOS EL. 13' - 8" (1)

SCALE: 1/8" = 1'-0"

AHJ:

PACKAGE #

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

DATE:
DATE:

SCALE: 1/8" = 1'-0"
FILENAME: OMFS-M08-S-v2022.rvt
CONTRACT No.: AE0030-17

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

M08 - STRUCTURE
LEVEL 2 - ENLARGED FLOOR PLAN 01

DRAWING No.: **M08-SGP202**
FACILITY ID: M08
SHEET No:
REV:

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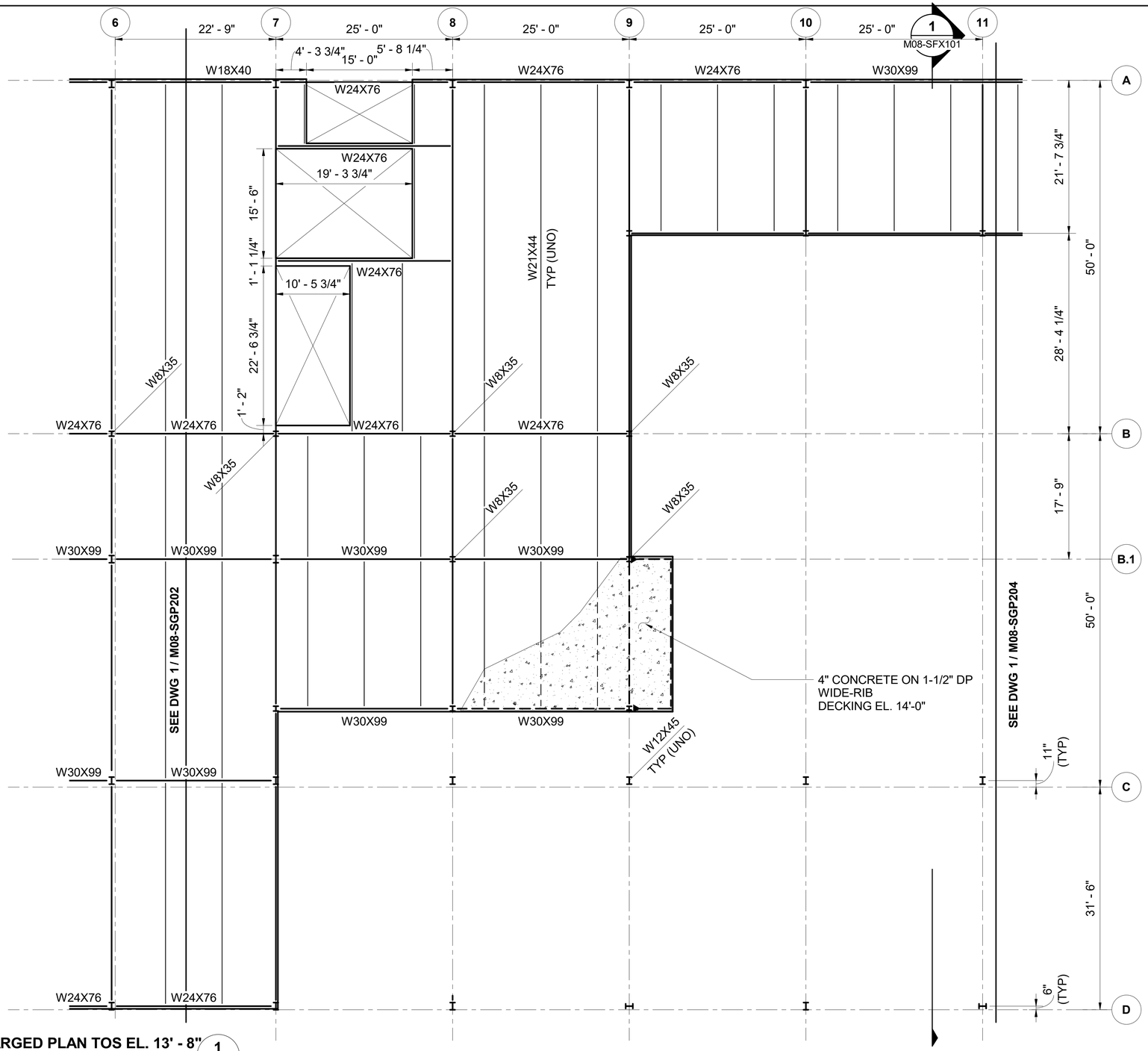
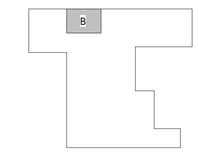


M08 - LEVEL 2B - ENLARGED PLAN TOS EL. 13' - 8"

1

SCALE: 1/8" = 1'-0"

KEY PLAN - M08



N

8 4 0 8 16

SCALE IN FEET

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

NOT FOR CONSTRUCTION

AHJ:

PACKAGE #

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

DATE:

SCALE: 1/8" = 1'-0"
FILENAME: OMFS-M08-S-v2022.rvt
CONTRACT No.: AE0030-17
DATE:

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

M08 - STRUCTURE

LEVEL 2 - ENLARGED FLOOR PLAN 01

DRAWING No.: **M08-SGP203**
FACILITY ID: M08
SHEET No:
REV:

2/26/2024 12:22:03 PM
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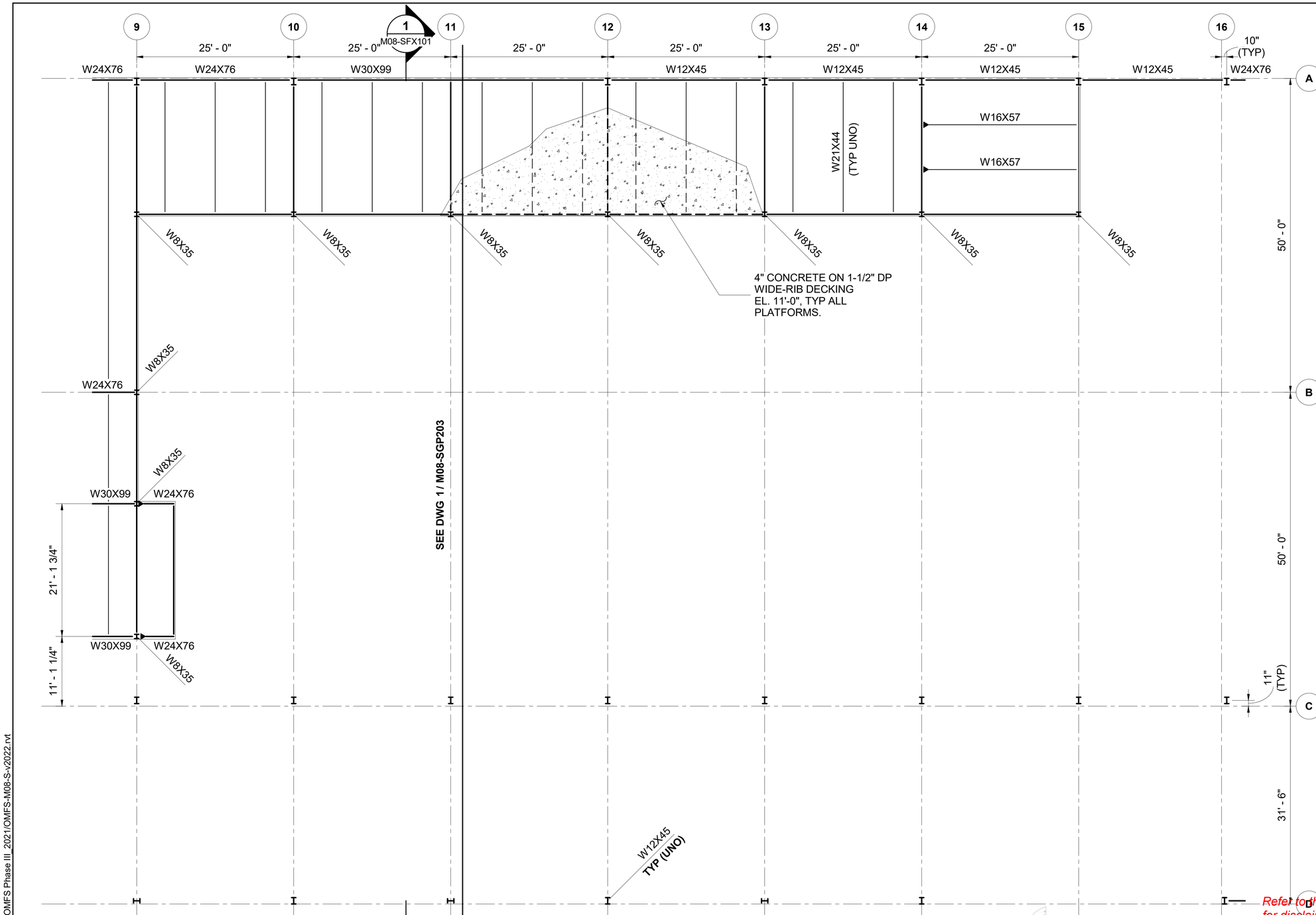
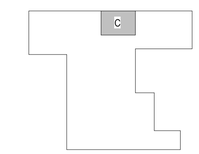


Refer to the plan set COVER drawing for disclaimers regarding this drawing.

NOT FOR CONSTRUCTION

KEY PLAN - M08



M08 - LEVEL 2C - ENLARGED PLAN TOS EL. 10' - 8" (1)

SCALE: 1/8" = 1'-0"

AHJ:

PACKAGE #

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

DATE:
DATE:

SCALE: 1/8" = 1'-0"
FILENAME: OMFS-M08-S-v2022.rvt
CONTRACT No.: AE0030-17

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

M08 - STRUCTURE
LEVEL 2 - ENLARGED FLOOR PLAN 01

DRAWING No.: **M08-SGP204**
FACILITY ID: M08
SHEET No:
REV:

2/26/2024 12:22:03 PM
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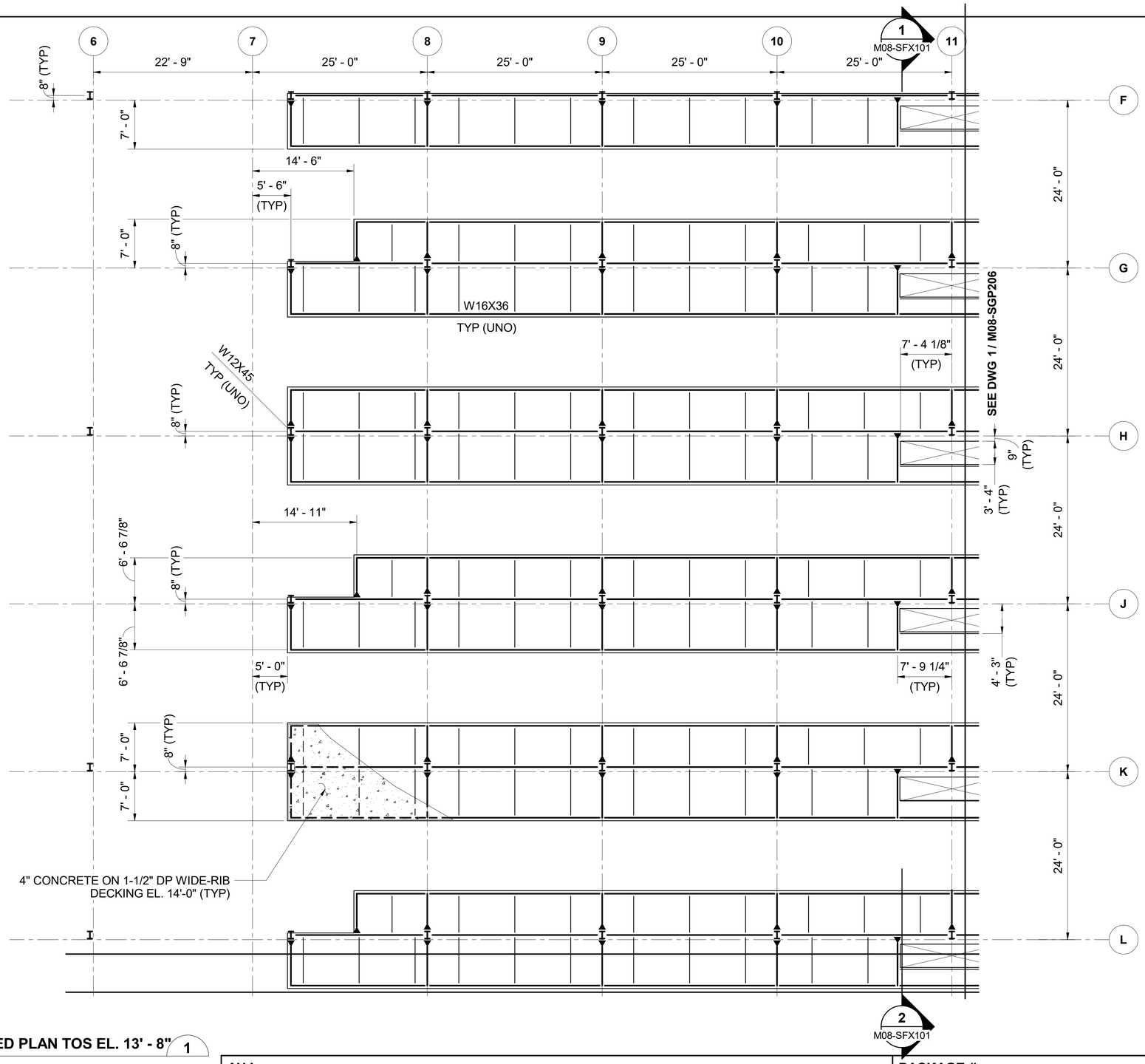
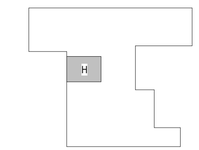


KEY PLAN - M08



8 4 0 8 16
SCALE IN FEET

NOT FOR CONSTRUCTION

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

M08 - LEVEL 2H - ENLARGED PLAN TOS EL. 13' - 8" (1)

SCALE: 1/8" = 1'-0"

AHJ:

PACKAGE #

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

DATE:

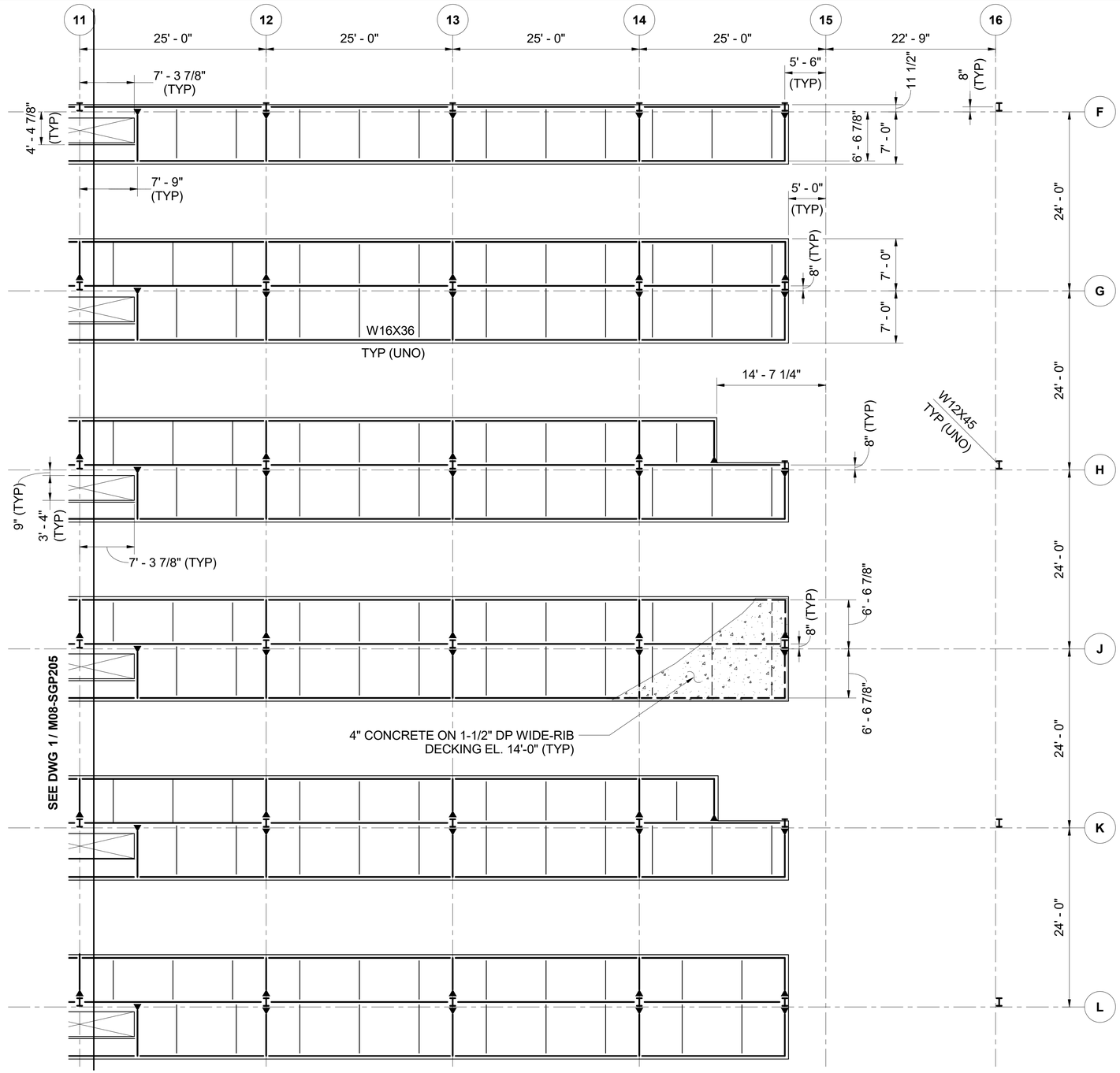
SCALE: 1/8" = 1'-0"
FILENAME: OMFS-M08-S-v2022.rvt
CONTRACT No.: AE0030-17
DATE:

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

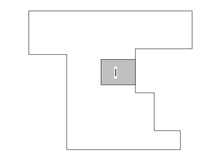
M08 - STRUCTURE
LEVEL 2 - ENLARGED FLOOR PLAN 02

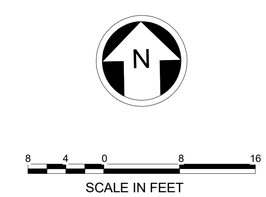
DRAWING No.: **M08-SGP205**
FACILITY ID: M08
SHEET No:
REV:

2/26/2024 12:22:04 PM
Autodesk Docs://10339152_TDLE - OMFS Phase III_2021/OMFS-M08-S-v2022.rvt



KEY PLAN - M08





Refer to the plan set COVER drawing for disclaimers regarding this drawing.

NOT FOR CONSTRUCTION

M08 - LEVEL 2I - ENLARGED PLAN TOS EL. 13' - 8" (1)

SCALE: 1/8" = 1'-0"

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:

PACKAGE #

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

DATE:

SCALE: 1/8" = 1'-0"
FILENAME: OMFS-M08-S-v2022.rvt
CONTRACT No.: AE0030-17
DATE:

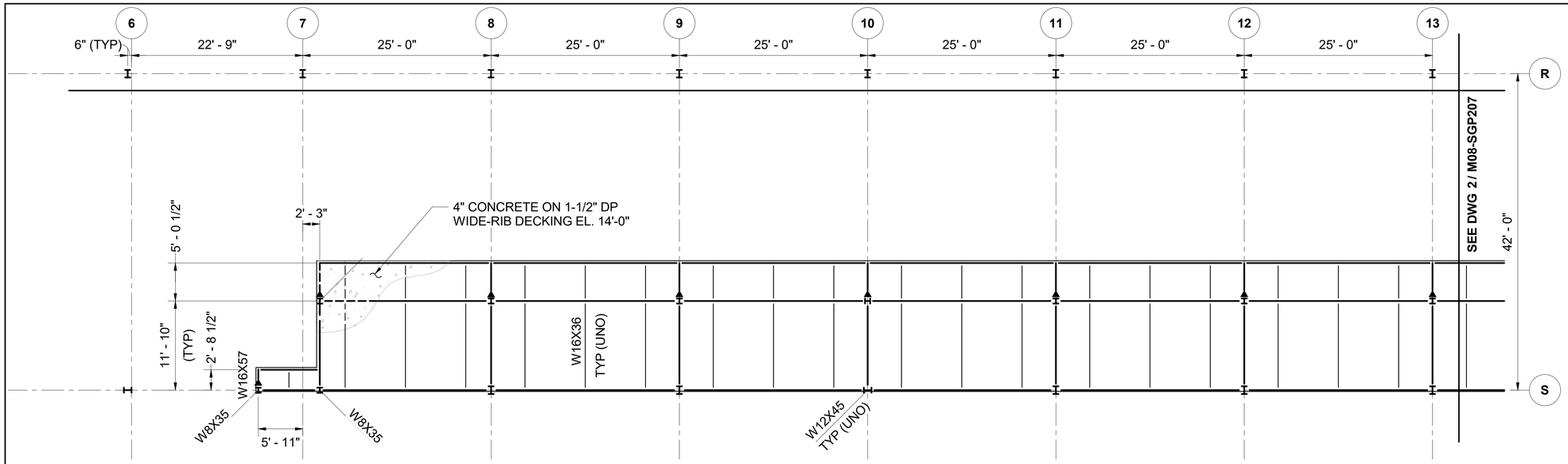
SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

M08 - STRUCTURE

LEVEL 2 - ENLARGED FLOOR PLAN 02

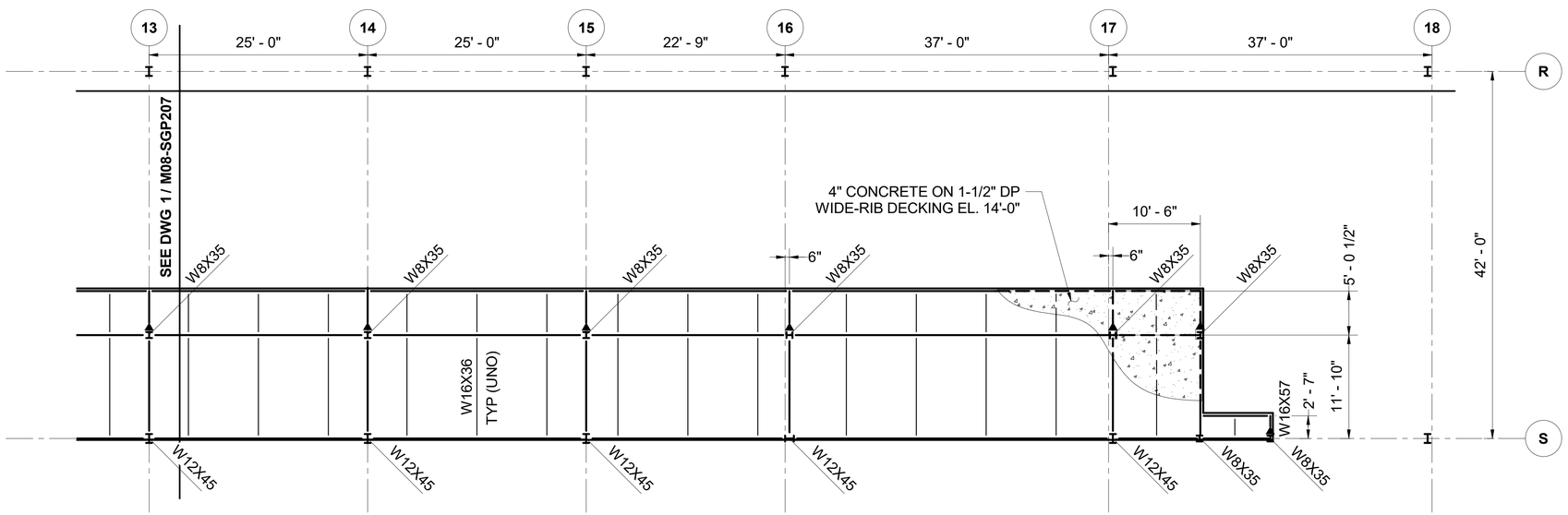
DRAWING No.: **M08-SGP206**
FACILITY ID: M08
SHEET No: REV:

2/26/2024 12:22:05 PM
Autodesk Docs://10339152_TDLE - OMFS Phase III_2021/OMFS-M08-S-v2022.rvt



M08 - LEVEL 2L - ENLARGED PLAN TOS EL. 13' - 8" (1)

SCALE: 1/8" = 1'-0"

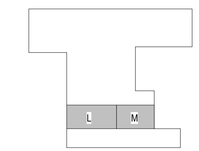


M08 - LEVEL 2M - ENLARGED PLAN TOS EL. 13' - 8" (2)

SCALE: 1/8" = 1'-0"

Refer to the plan set COVER drawing for disclaimers regarding this drawing.

KEY PLAN - M08



N

8 4 0 8 16

SCALE IN FEET

NOT FOR CONSTRUCTION

REFERENCE CONCEPT DRAWINGS

No.	DATE	DSN	CHK	APP	REVISION

AHJ:

PACKAGE #

DESIGNED BY: DOUG PRINDLE
DRAWN BY: DARRELL CEBALLOS
CHECKED BY: ANDY FORTNER
APPROVED BY: P. LOPEZ-HILFIKER

PRELIMINARY

HDR

SUBMITTED BY: PABLO LOPEZ-HILFIKER
DATE: 02/27/2024
REVIEWED BY:

LINE IS 1" AT FULL SCALE

SOUNDTRANSIT

DATE:

SCALE: 1/8" = 1'-0"
FILENAME: OMFS-M08-S-v2022.rvt
CONTRACT No.: AE0030-17
DATE:

SOUND TRANSIT
PRELIMINARY ENGINEERING PLANS
OPERATIONS & MAINTENANCE FACILITY SOUTH

M08 - STRUCTURE
LEVEL 2 - ENLARGED FLOOR PLAN 03

DRAWING No.: M08-SGP207
FACILITY ID: M08
SHEET No:
REV:

2/26/2024 12:22:06 PM
Autodesk Docs://10339152_TDLE - OMFS Phase III_2021/OMFS-M08-S-v2022.rvt