



Operations and Maintenance Facility South

NEPA Draft / SEPA Supplemental Draft Environmental Impact Statement

Appendix C: Conceptual Design Drawings and Engineering Information



September 2023

SOUND TRANSIT - LINK LIGHT RAIL

DRAFT EIS ENGINEERING DRAWINGS

OPERATIONS AND MAINTENANCE FACILITY SOUTH
(OMF SOUTH)

SEPTEMBER 2023



SOUND TRANSIT OPERATIONS & MAINTENANCE FACILITY SOUTH



PROJECT LOCATION
MIDWAY LANDFILL



CIVIL ENGINEERING PRELIMINARY DESIGN CONSULTANT

Approved: _____ Date: _____

Project Manager

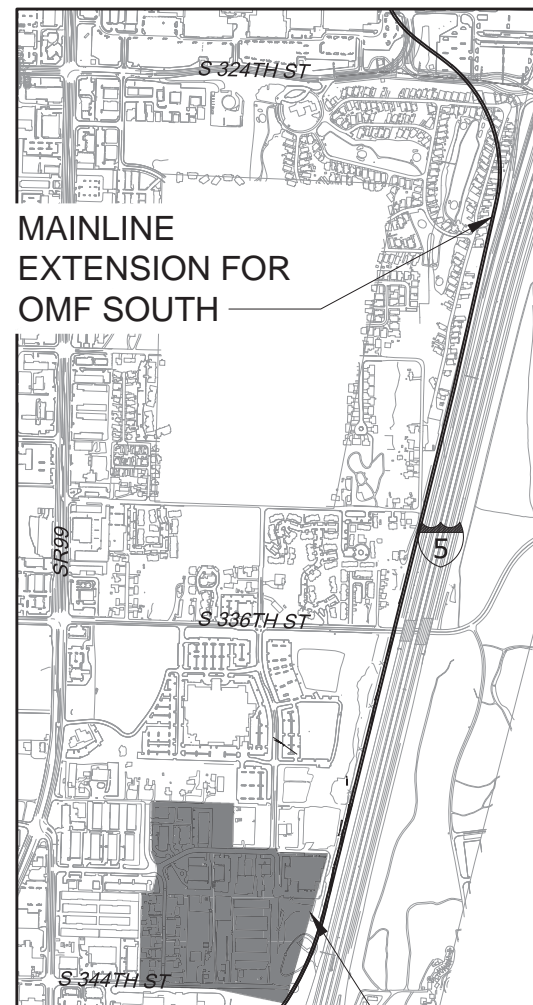


SOUNDTRANSIT

CENTRAL PUGET SOUND REGIONAL TRANSIT AUTHORITY

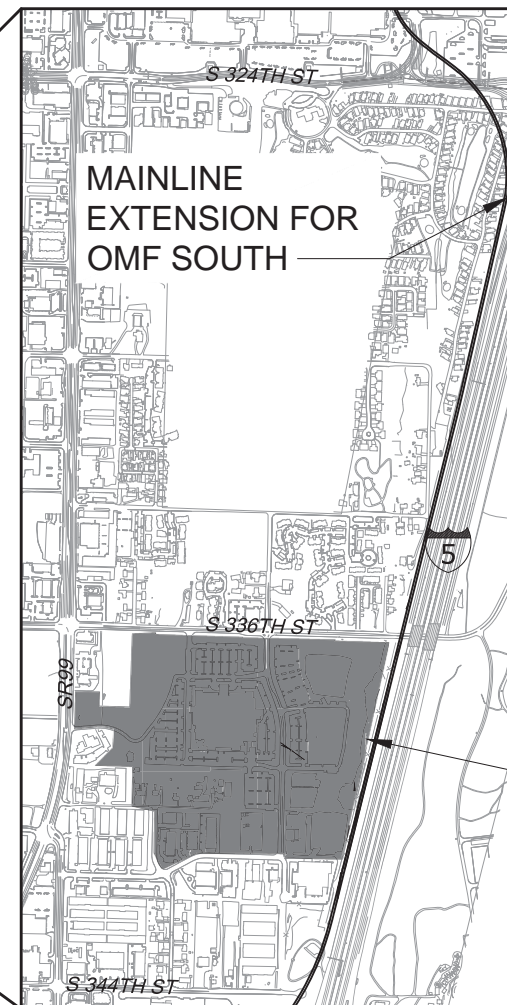
Approved: _____ Date: _____

Civil Engineering Manager



MAINLINE
EXTENSION FOR
OMF SOUTH

PROJECT LOCATION
S 344TH ST



MAINLINE
EXTENSION FOR
OMF SOUTH

PROJECT LOCATION
S 336TH ST

DRAFT EIS
DRAWINGS

NOT FOR
CONSTRUCTION

PROJECT LOCATION MAPS



SOUND TRANSIT OPERATIONS & MAINTENANCE FACILITY SOUTH

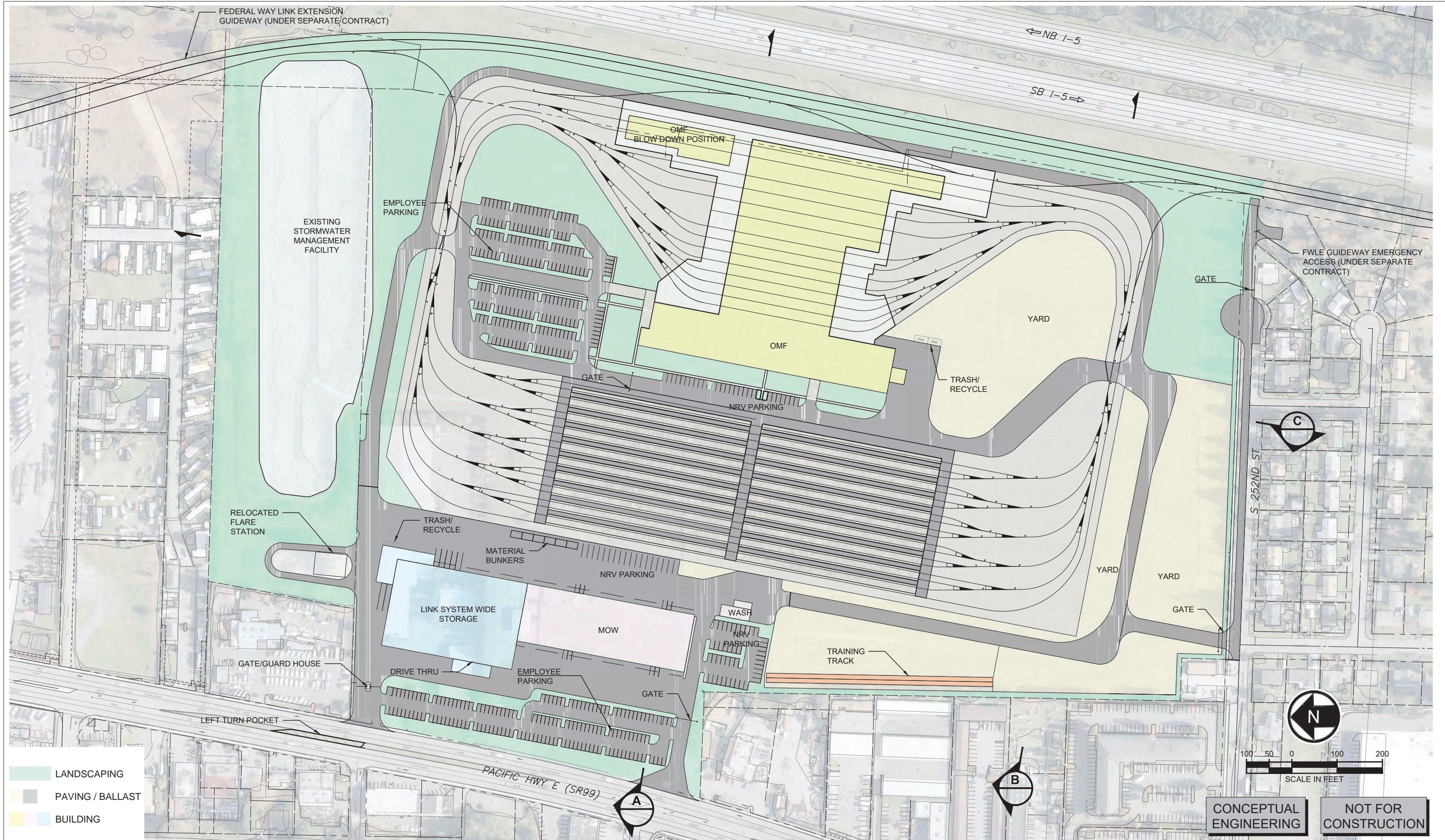
INDEX OF DRAWINGS

SHEET NO.	DWG. NO.	TITLE
GENERAL DRAWINGS		
i	COVER	COVER SHEET
ii	G01-GZI001	PROJECT LOCATION MAP
iii	G01-GZI005	INDEX OF DRAWINGS
MIDWAY LANDFILL		
1	M06A-ASP001	MIDWAY LANDFILL ARCHITECTURAL SITE PLAN
2	M06A-GSX101	MIDWAY LANDFILL - OPTION 1 GENERAL SITE SECTION
3	M06A-CGX101	MIDWAY LANDFILL - OPTION 1 GRADING CROSS SECTIONS
4	M06A-SFP101	MIDWAY LANDFILL - OPTION 1 STRUCTURAL PLATFORM PLAN
5	M06A-GSX201	MIDWAY LANDFILL - OPTION 2 GENERAL SITE SECTION
6	M06A-CGX201	MIDWAY LANDFILL - OPTION 2 GRADING CROSS SECTIONS
7	M06A-SFP201	MIDWAY LANDFILL - OPTION 2 STRUCTURAL SLAB PLAN
8	M06A-GSX301	MIDWAY LANDFILL - OPTION 3 GENERAL SITE SECTION
9	M06A-CGX301	MIDWAY LANDFILL - OPTION 3 GRADING CROSS SECTIONS
MAINLINE EXTENSION FOR OMFS		
10	S08B-KAP000	MAINLINE EXTENSION FOR OMFS TRACK TRACK KEY MAP
11	S08B-KAP100	MAINLINE EXTENSION FOR OMFS TRACK PLAN AND PROFILE
12	S08B-KAP101	MAINLINE EXTENSION FOR OMFS TRACK PLAN AND PROFILE
13	S08B-KAP102	MAINLINE EXTENSION FOR OMFS TRACK PLAN AND PROFILE
14	S08B-KAP103	MAINLINE EXTENSION FOR OMFS TRACK PLAN AND PROFILE
15	S08B-KAP104	MAINLINE EXTENSION FOR OMFS TRACK PLAN AND PROFILE
16	B00-KAP01	TDLE MAINLINE FOR OMFS TRACK PLAN AND PROFILE ALT B (55MPH DESIGN OPTION)
17	B00-KAP02	TDLE MAINLINE FOR OMFS TRACK PLAN AND PROFILE ALT B (55MPH DESIGN OPTION)
S 336TH ST SITE ALTERNATIVE		
18	S08B-KAP001	MAINLINE EXTENSION FOR OMFS TRACK TRACK KEY MAP
19	S08B-KAP105B	MAINLINE EXTENSION FOR OMFS TRACK PLAN AND PROFILE
20	S08B-KAP106B	MAINLINE EXTENSION FOR OMFS TRACK PLAN AND PROFILE
21	S08B-KAP107B	MAINLINE EXTENSION FOR OMFS TRACK PLAN AND PROFILE
22	S08B-KAP108B	MAINLINE EXTENSION FOR OMFS TRACK PLAN AND PROFILE
23	M06B-ASP601	S 336TH ST ARCHITECTURAL SITE PLAN
24	M06B-ASP602	S 336TH ST ARCHITECTURAL SITE PLAN
25	M06B-CGX601	S 336TH ST GRADING CROSS SECTIONS
26	M06B-CGX602	S 336TH ST GRADING CROSS SECTIONS
27	M06B-CDP651	S 336TH ST CREEK DRAINAGE PLAN
S 344th ST SITE ALTERNATIVE		
28	S08C-KAP002	MAINLINE EXTENSION FOR OMFS TRACK TRACK KEY MAP
29	S08C-KAP105C	MAINLINE EXTENSION FOR OMFS TRACK PLAN AND PROFILE
30	S08C-KAP106C	MAINLINE EXTENSION FOR OMFS TRACK PLAN AND PROFILE
31	S08C-KAP107C	MAINLINE EXTENSION FOR OMFS TRACK PLAN AND PROFILE
32	S08C-KAP108C	MAINLINE EXTENSION FOR OMFS TRACK PLAN AND PROFILE
33	S08C-KAP109	MAINLINE EXTENSION FOR OMFS TRACK PLAN AND PROFILE
34	S08C-KAP110	MAINLINE EXTENSION FOR OMFS TRACK PLAN AND PROFILE
35	S08C-KAP201	TDLE MAINLINE FOR OMFS TRACK PLAN AND PROFILE I-5 OPTION
36	S08C-KAP202	TDLE MAINLINE FOR OMFS TRACK PLAN AND PROFILE I-5 OPTION
37	M06C-ASP701	S 344TH ST ARCHITECTURAL SITE PLAN
38	M06C-CGX701	S 344TH ST GRADING CROSS SECTIONS
39	M06C-CDP751	S 344TH ST CREEK DRAINAGE PLAN

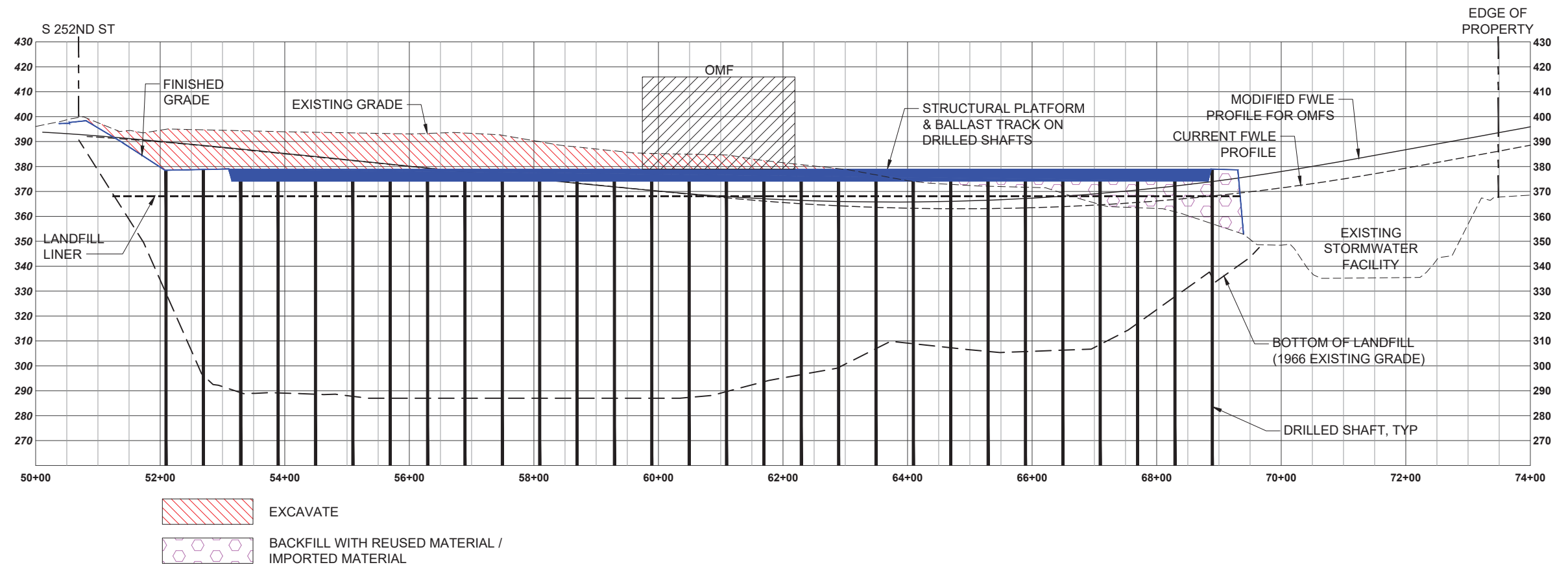
8/5/2023 5:21:37 PM
 C:\P\WORKING\WEST01\03124288\DEIS_OMFS-S01-GZI005-006.DWG



SOUND TRANSIT OPERATIONS & MAINTENANCE FACILITY SOUTH



SOUND TRANSIT OPERATIONS & MAINTENANCE FACILITY SOUTH



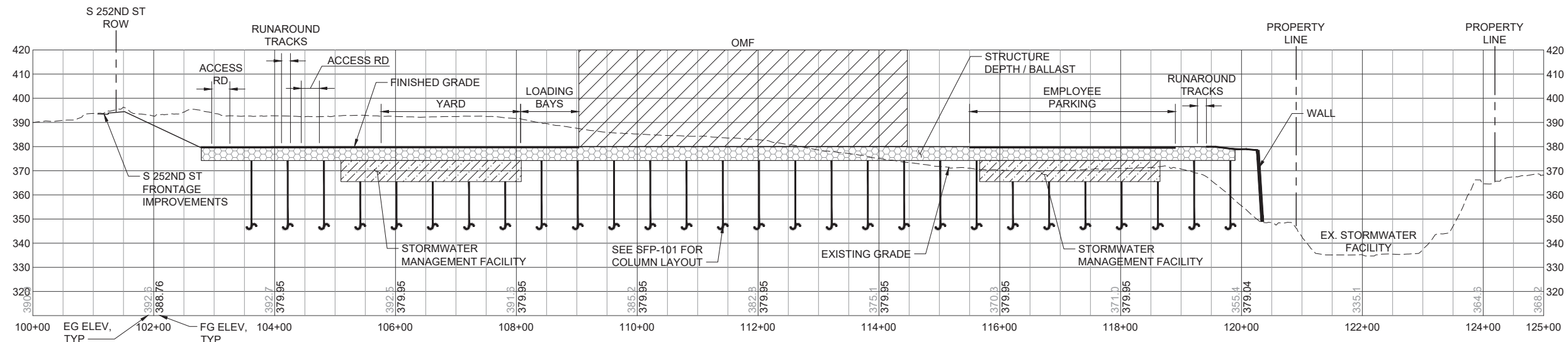
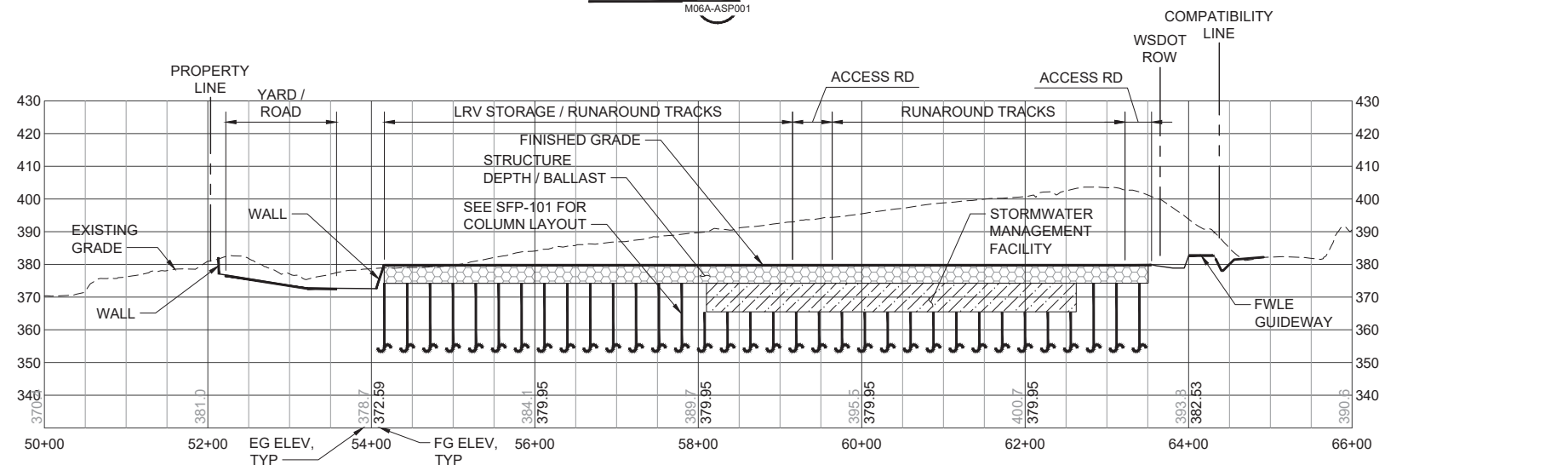
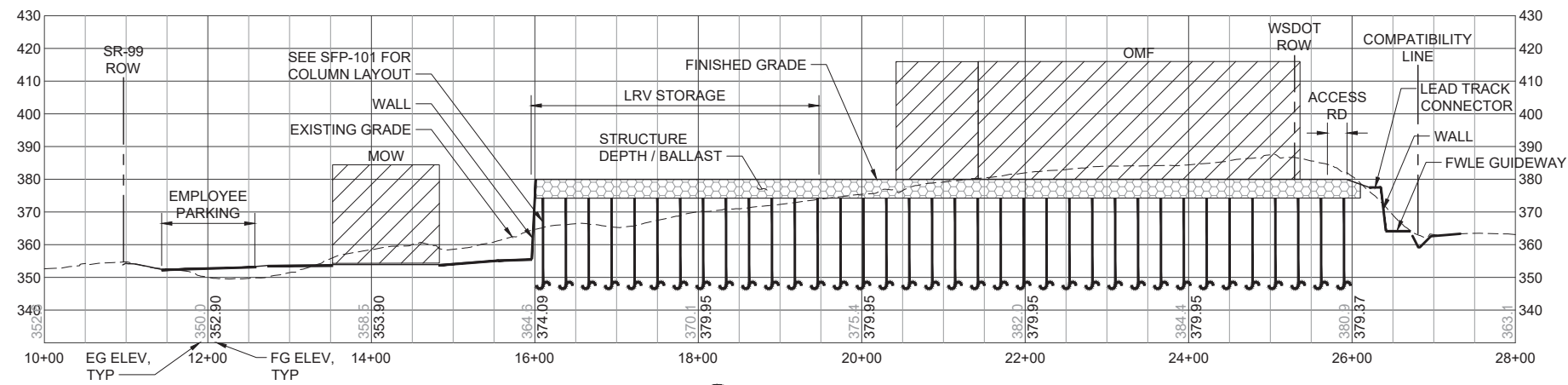
MIDWAY LANDFILL - OPTION 1 , LOW STRUCTURAL PLATFORM

SCALE: 1" = 100'

CONCEPTUAL
ENGINEERING

NOT FOR
CONSTRUCTION

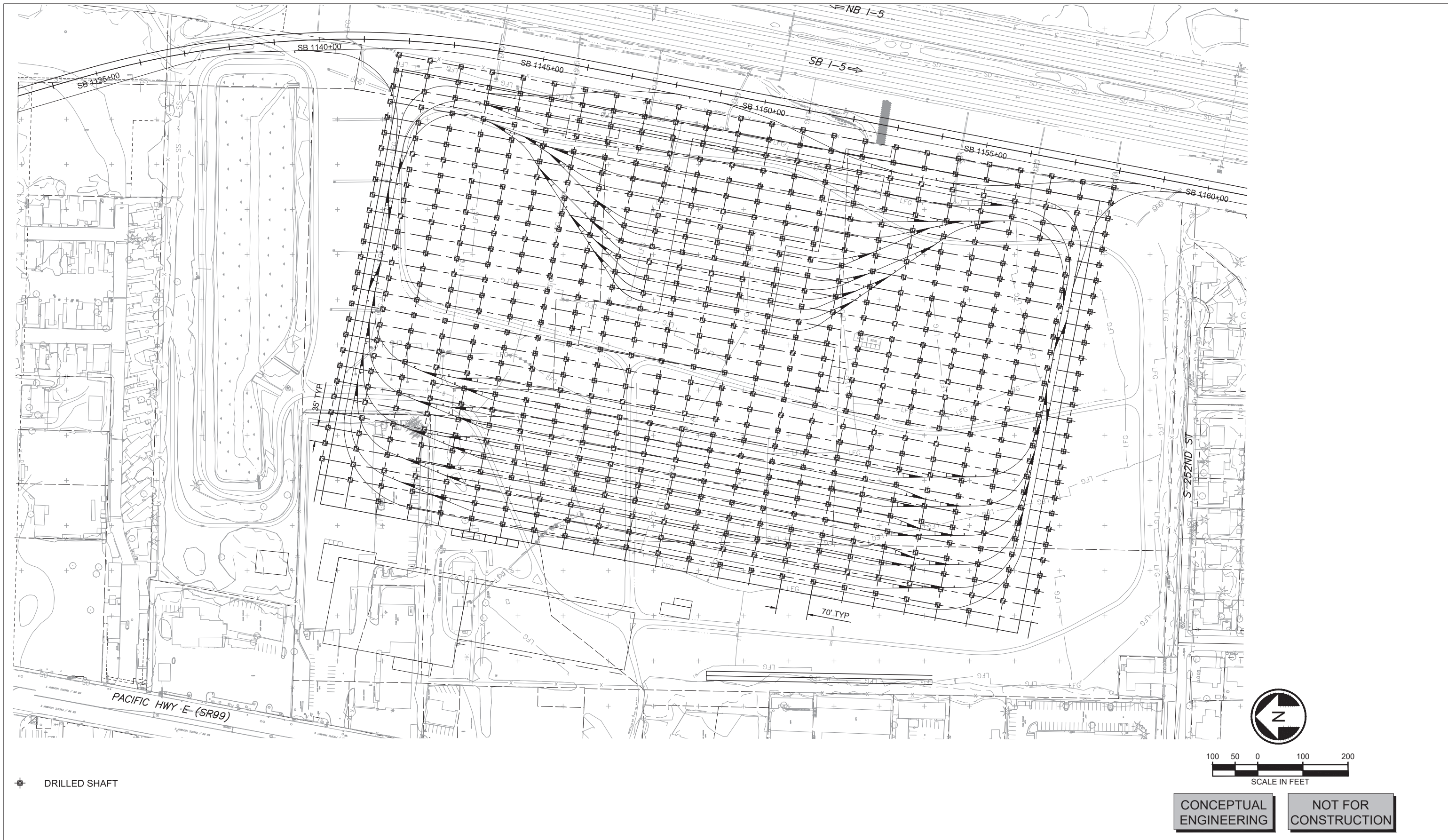
SOUND TRANSIT OPERATIONS & MAINTENANCE FACILITY SOUTH



CONCEPTUAL ENGINEERING NOT FOR CONSTRUCTION



SOUND TRANSIT OPERATIONS & MAINTENANCE FACILITY SOUTH



■ DRILLED SHAFT

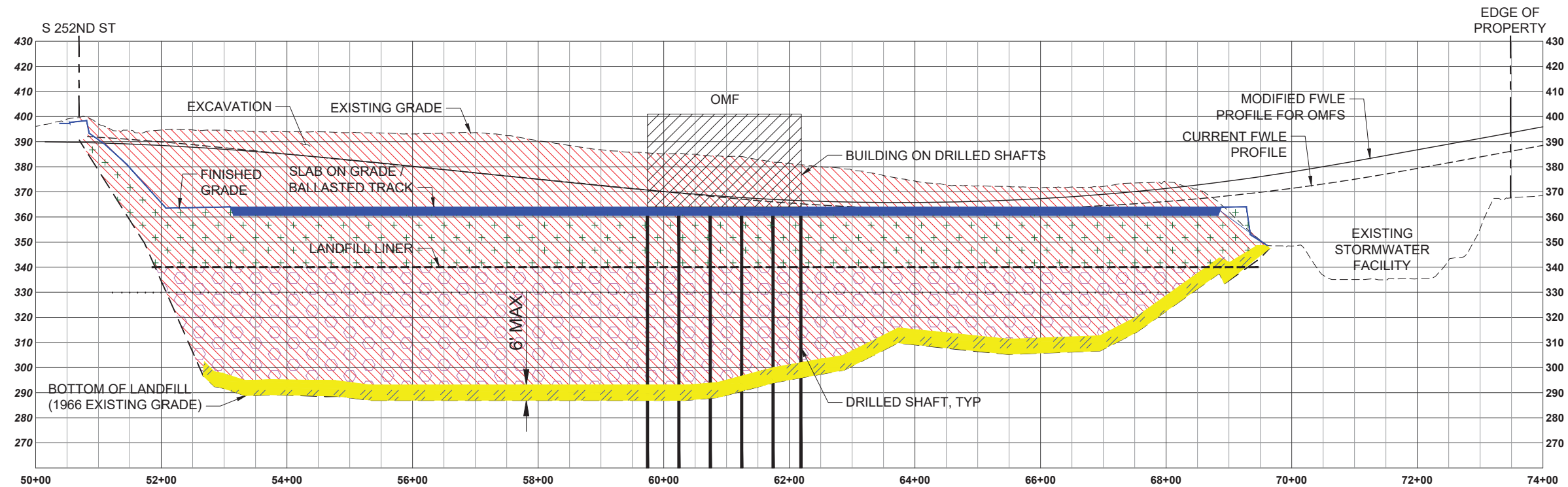
CONCEPTUAL ENGINEERING NOT FOR CONSTRUCTION


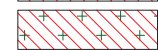
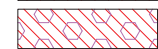
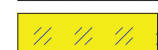


M06A - MIDWAY LANDFILL
OPTION 1 STRUCTURAL PLATFORM PLAN

M06A-SFP101
4

SOUND TRANSIT OPERATIONS & MAINTENANCE FACILITY SOUTH



-  EXCAVATE
-  EXCAVATE & BACKFILL WITH IMPORTED MATERIAL
-  EXCAVATE & BACKFILL WITH REUSE MATERIAL
-  DEEP DYNAMIC COMPACTION

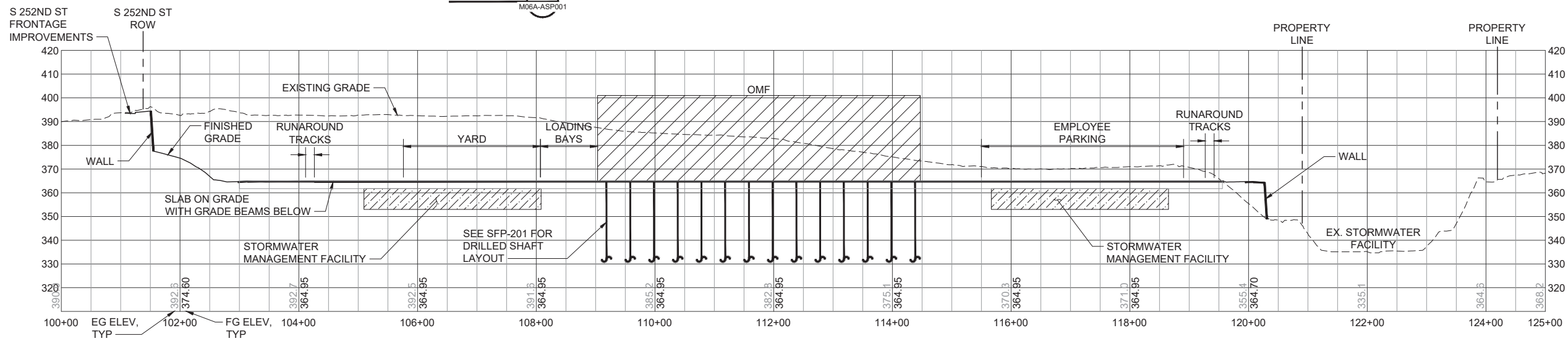
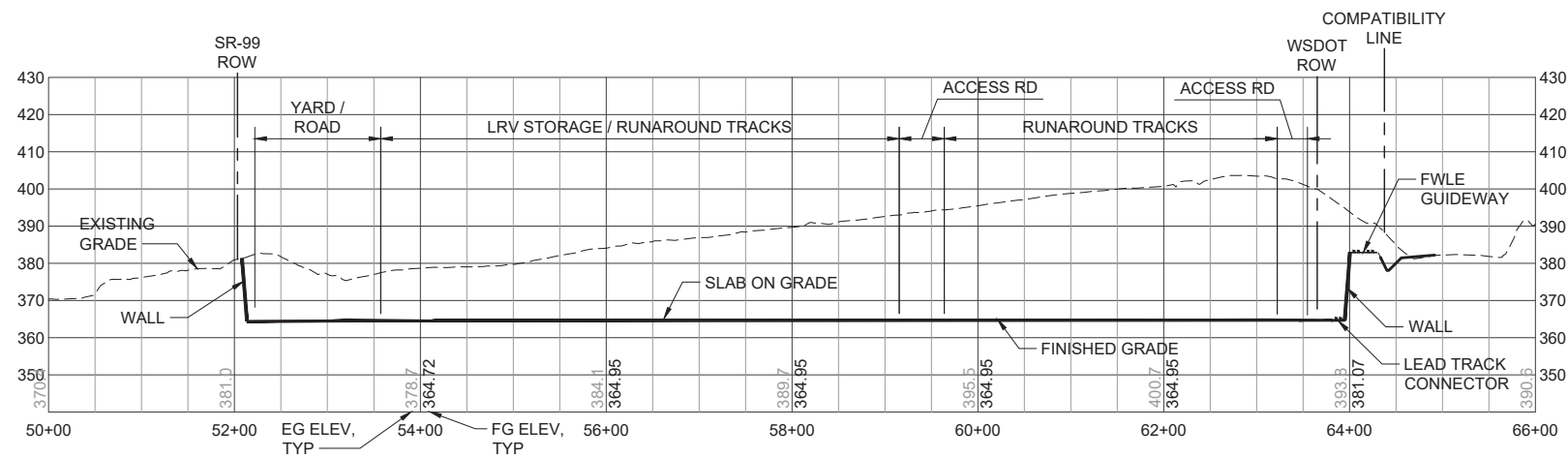
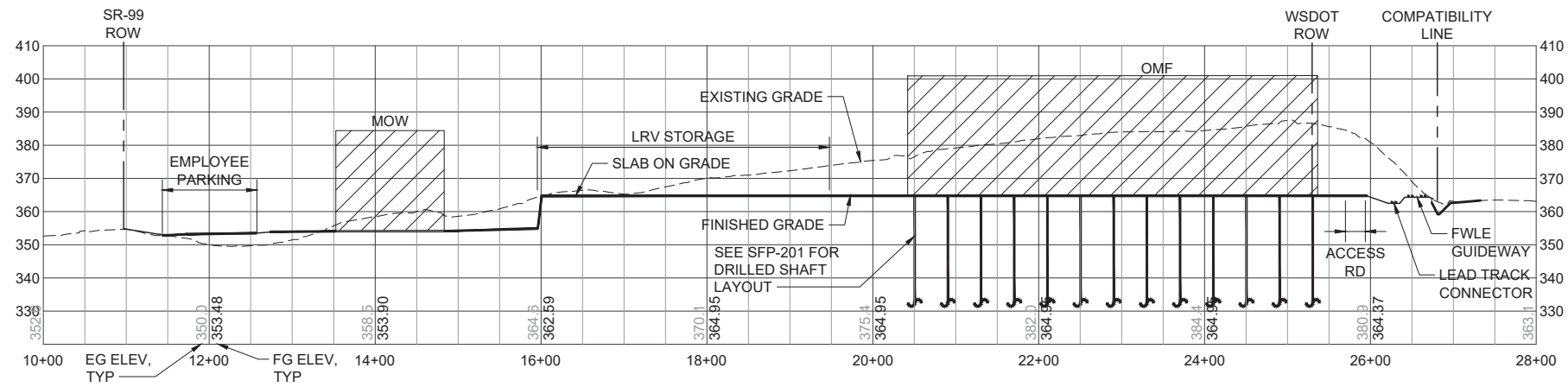
MIDWAY LANDFILL - OPTION 2, HYBRID PLATFORM

SCALE: 1" = 100'

CONCEPTUAL
ENGINEERING

NOT FOR
CONSTRUCTION

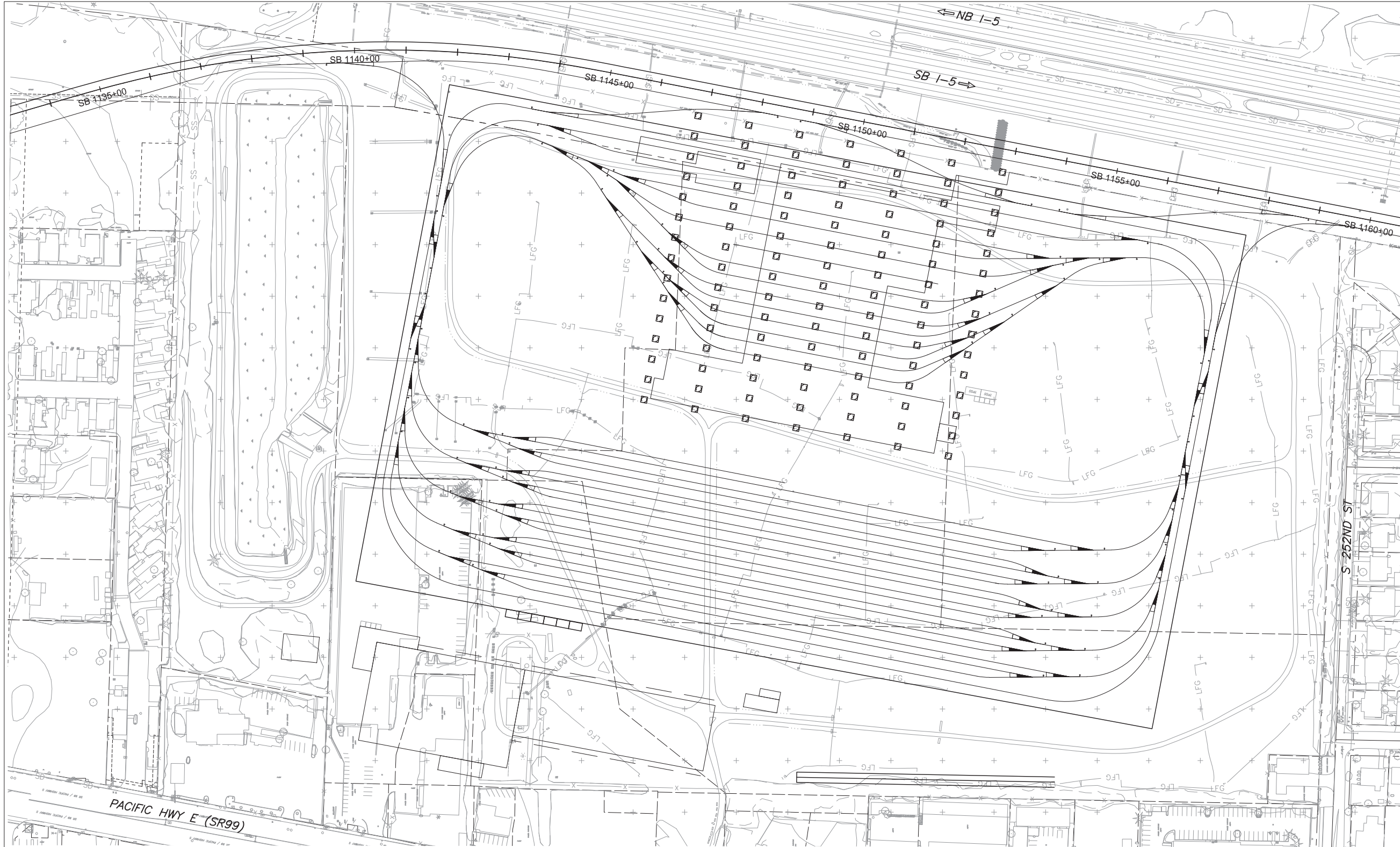
SOUND TRANSIT OPERATIONS & MAINTENANCE FACILITY SOUTH



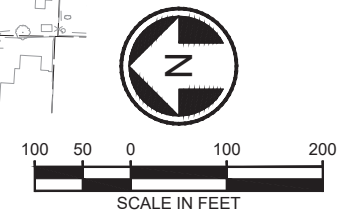
CONCEPTUAL ENGINEERING NOT FOR CONSTRUCTION



SOUND TRANSIT OPERATIONS & MAINTENANCE FACILITY SOUTH



□ DRILLED SHAFT

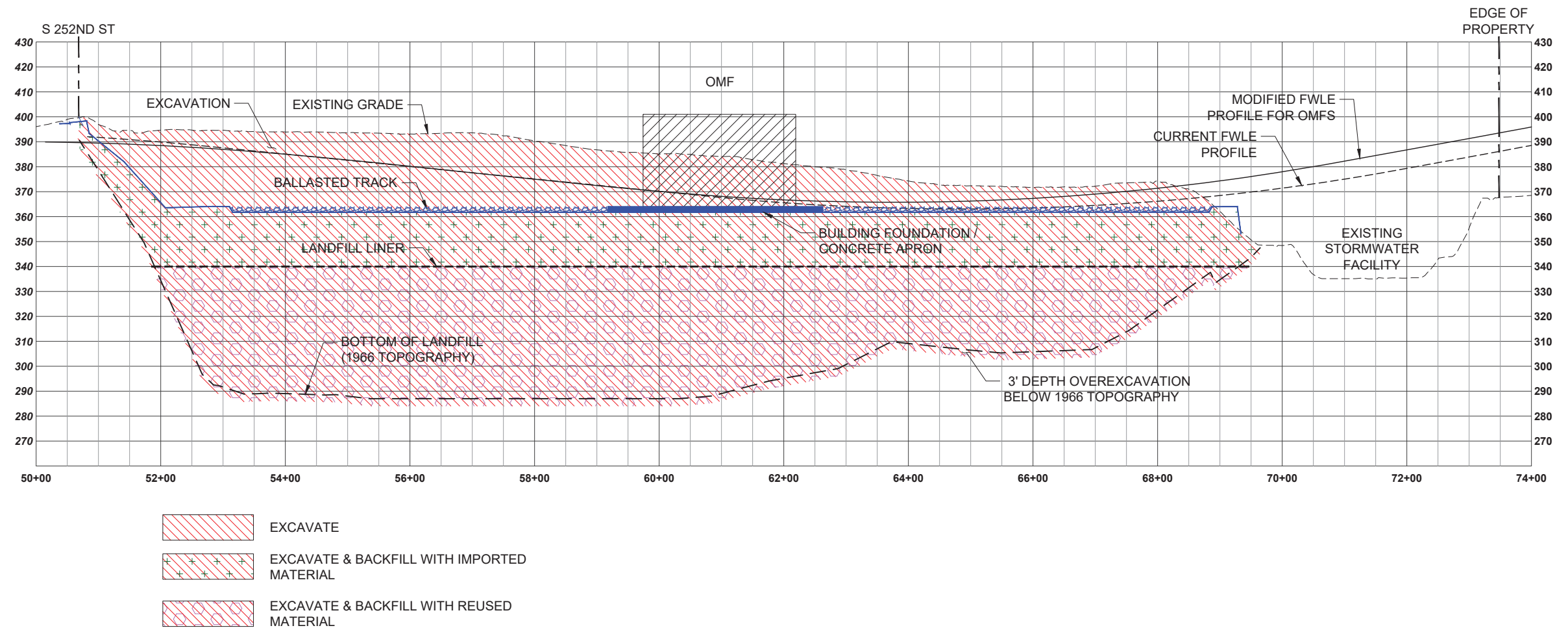


CONCEPTUAL ENGINEERING NOT FOR CONSTRUCTION

M06A - MIDWAY LANDFILL
OPTION 2 STRUCTURAL SLAB PLAN



SOUND TRANSIT OPERATIONS & MAINTENANCE FACILITY SOUTH



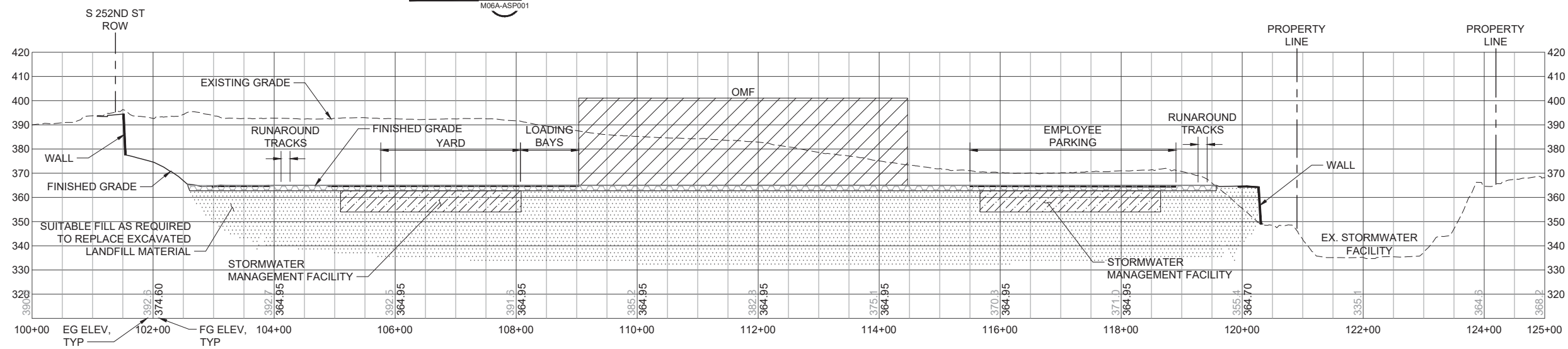
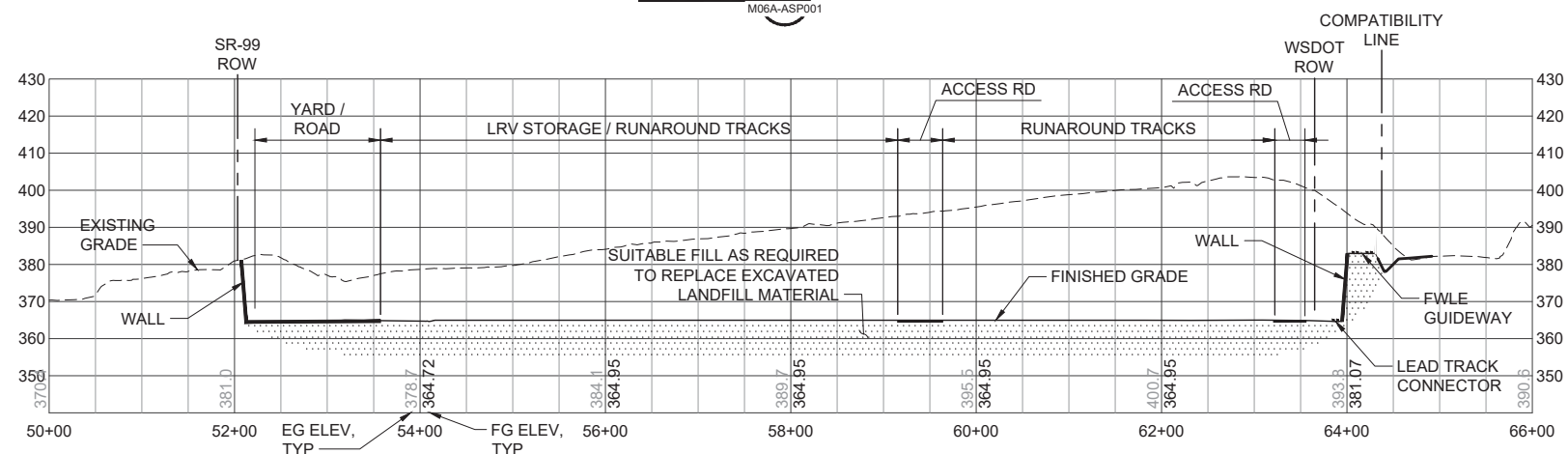
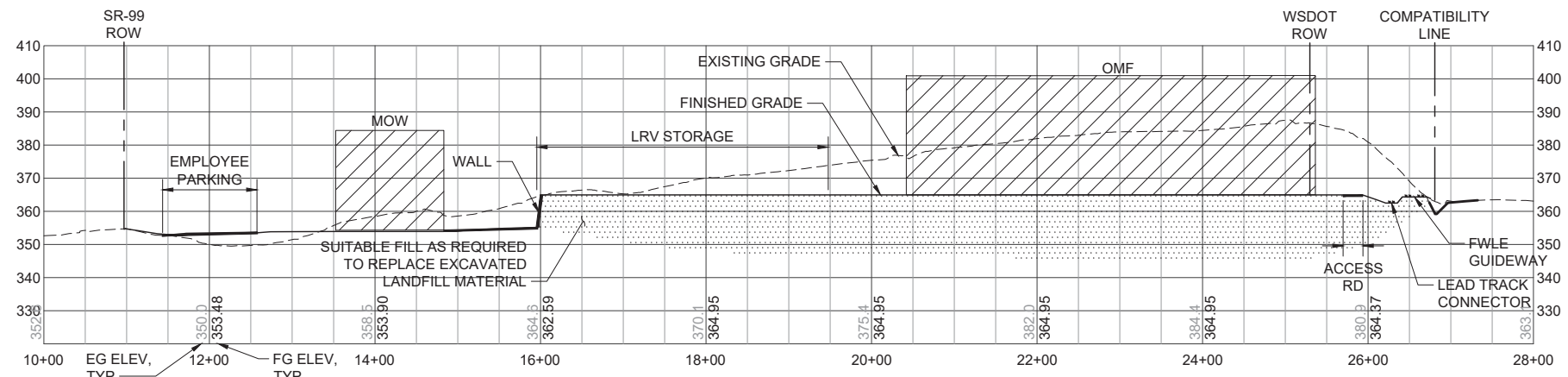
MIDWAY LANDFILL - OPTION 3 , FULL EXCAVATION

SCALE: 1" = 100'

CONCEPTUAL
ENGINEERING

NOT FOR
CONSTRUCTION

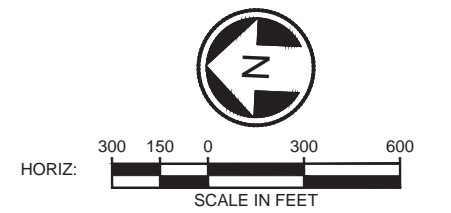
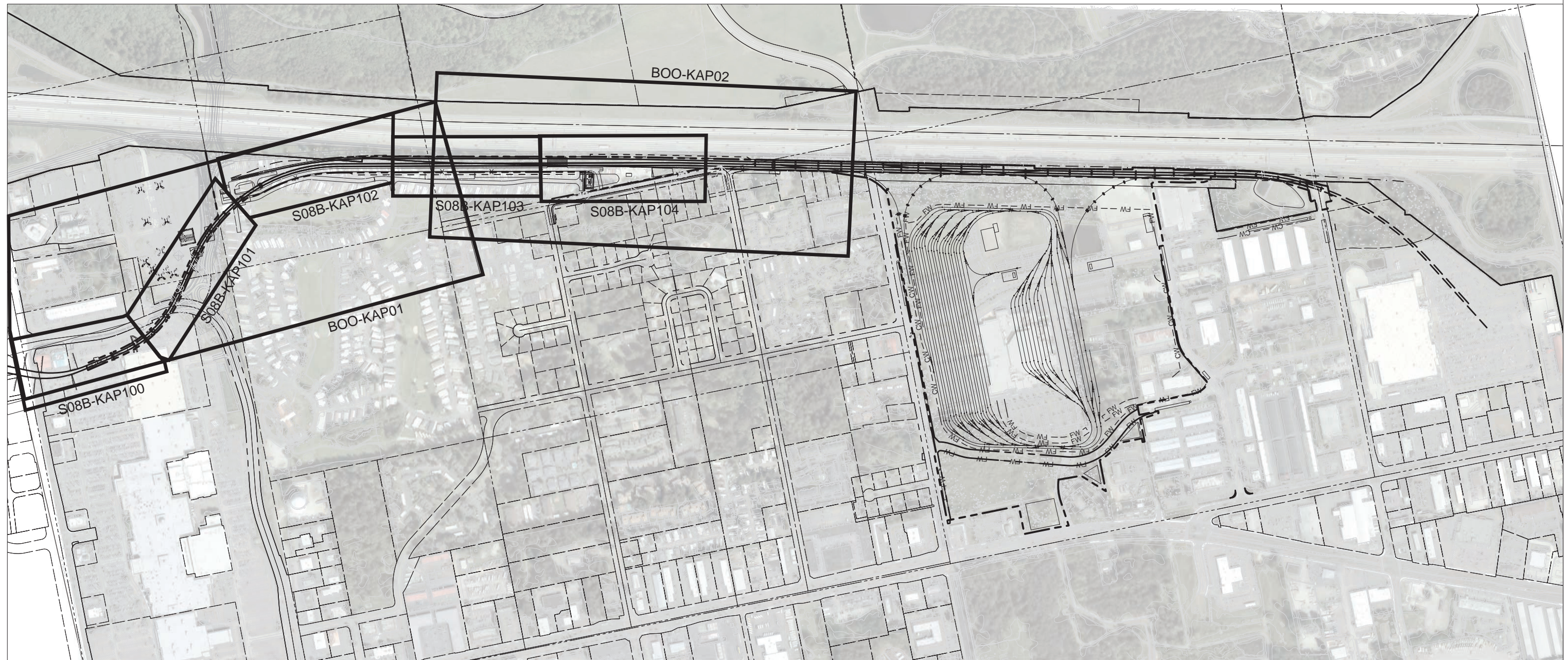
SOUND TRANSIT OPERATIONS & MAINTENANCE FACILITY SOUTH



CONCEPTUAL ENGINEERING NOT FOR CONSTRUCTION



SOUND TRANSIT OPERATIONS & MAINTENANCE FACILITY SOUTH



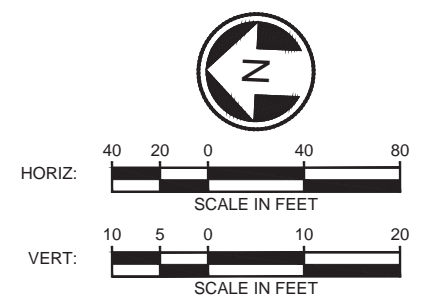
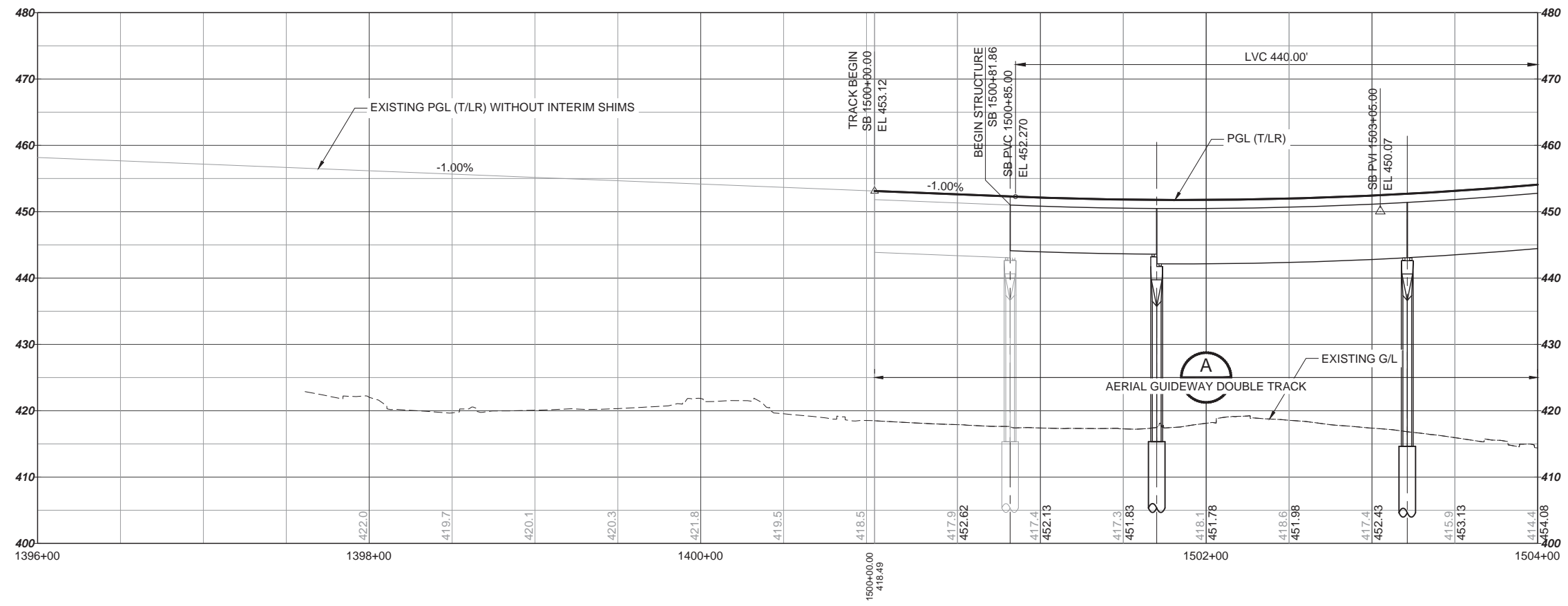
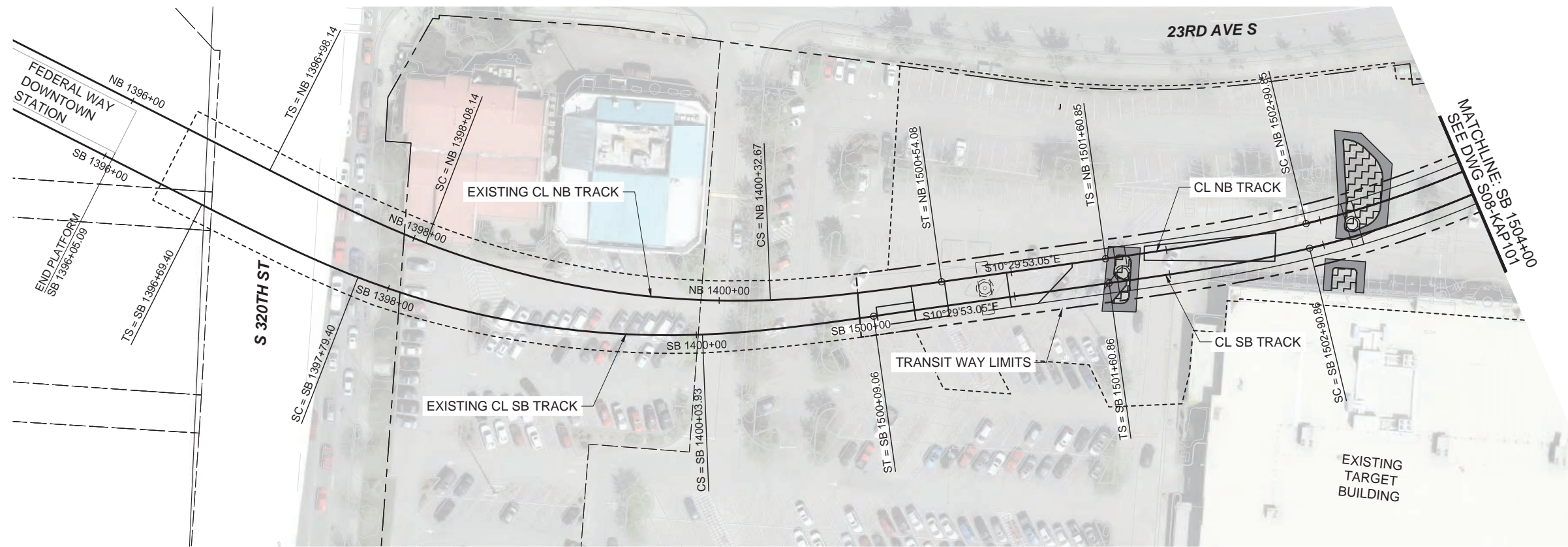
- LEGEND:
- COLUMNS / STRADDLE BENTS
 - STREAM / WETLAND
 - CONSTRUCTION LIMITS
 - TRANSIT WAY LIMITS
 - WSDOT COMPATIBILITY LINE

S08B MAINLINE
KEYMAP

S08B-KAP000
10



SOUND TRANSIT OPERATIONS & MAINTENANCE FACILITY SOUTH



LEGEND:

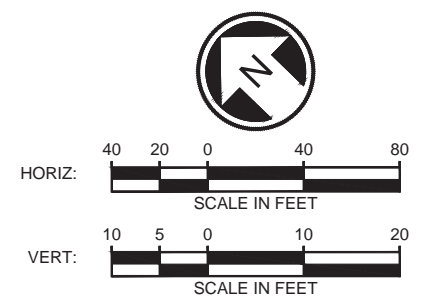
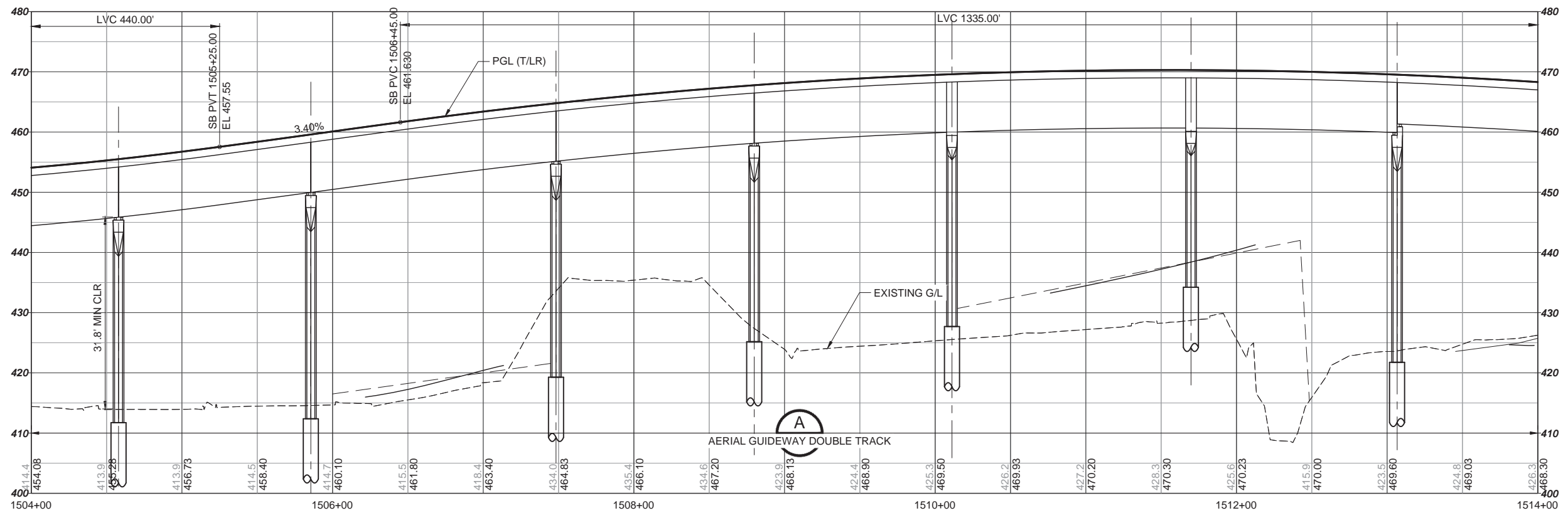
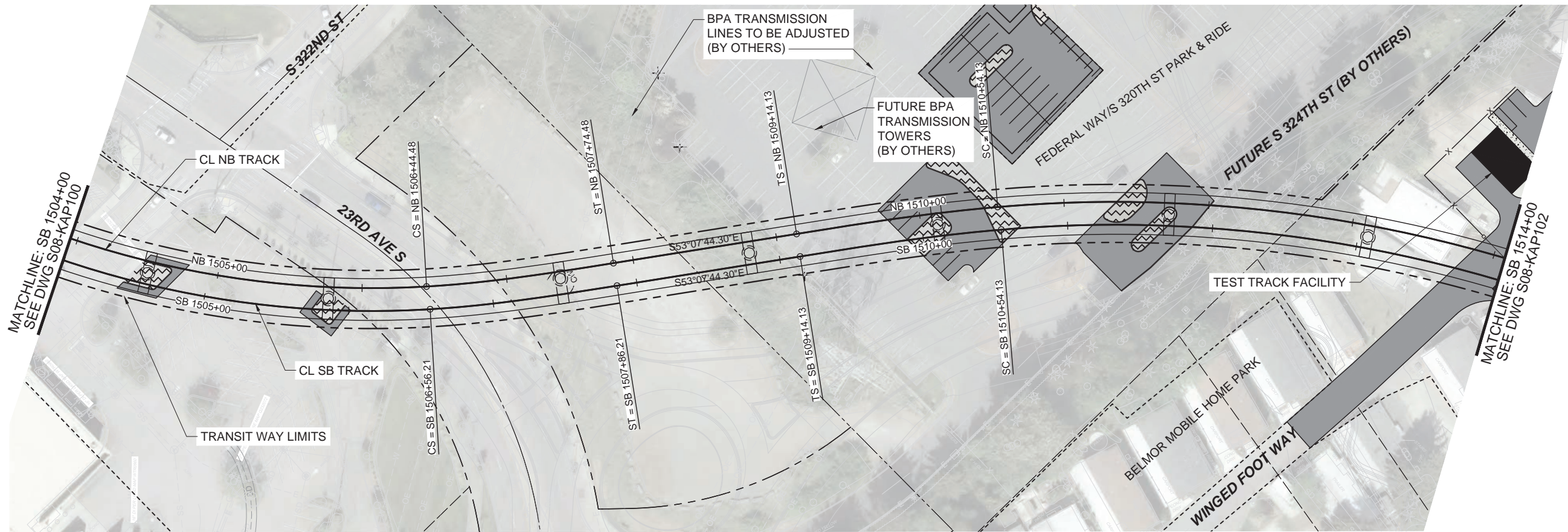
	COLUMNS / STRADDLE BENTS
	STREAM / WETLAND
	CONSTRUCTION LIMITS
	TRANSIT WAY LIMITS
	WSDOT COMPATIBILITY LINE

S08B - S 336TH ST SITE
TRACK PLAN AND PROFILE - 40MPH ALIGNMENT
SB STA 1500+00 TO SB STA 1504+00

9/2/2023 5:46:03 PM C:\P\WORKING\WEST\01\03\24286\CONFS\S08B-KAP100-108.DWG



SOUND TRANSIT OPERATIONS & MAINTENANCE FACILITY SOUTH



- LEGEND:**
- COLUMNS / STRADDLE BENTS
 - STREAM / WETLAND
 - CONSTRUCTION LIMITS
 - TRANSIT WAY LIMITS
 - WSDOT COMPATIBILITY LINE

S08B - S 336TH ST SITE
 TRACK PLAN AND PROFILE - 40 MPH ALIGNMENT
 SB STA 1504+00 TO SB STA 1514+00

