

 **Texas Department of Transportation**
IH635 MANAGED LANES PROJECT

RID

SEPTEMBER 2007

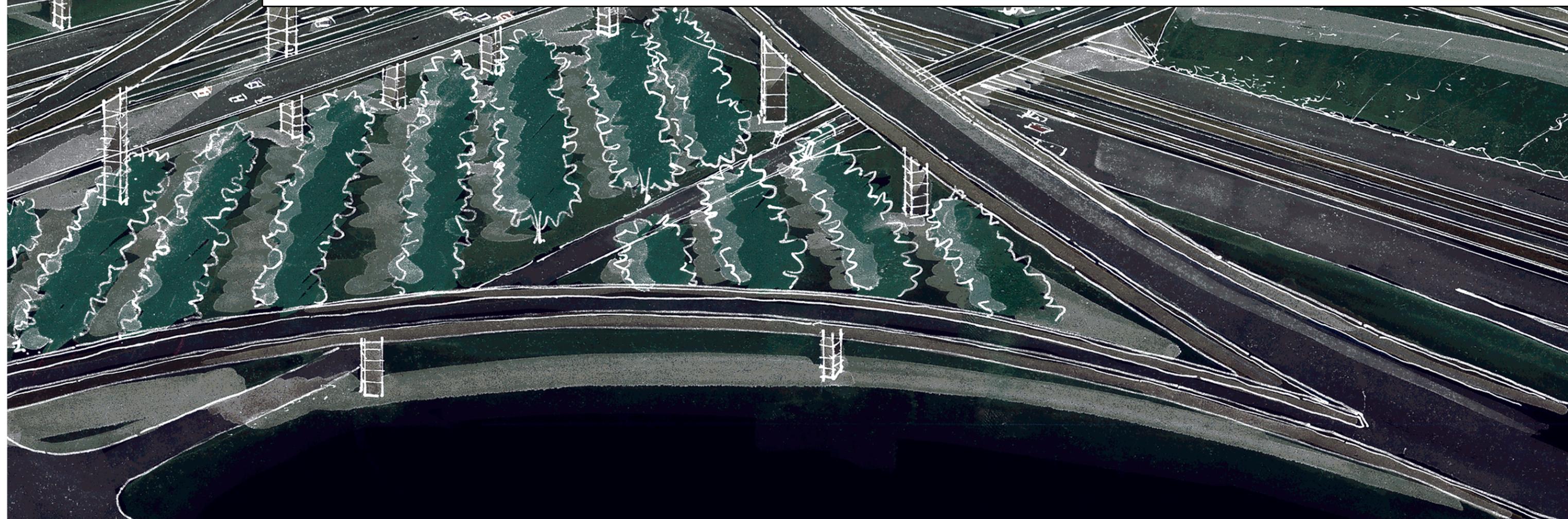


Table of Contents

Table of Contents 0.00
 Corridor Overview 0.01
 Aesthetic Layout Diagram 0.02
 Corridor Color Pallet..... 0.03
 Concrete Finishes..... 0.04

Highway Elements

Bridge Aesthetics

Cross Street Under Pass
 Bridge Elevations..... 1.00
 Abutment Walls..... 1.00
 Center Bent..... 1.01
 Fence Details..... 1.01
 Cross Street Over Pass
 Bridge Elevations..... 1.02
 Abutment Walls..... 1.02
 Center Bent..... 1.03
 Cross Street Under Pass - U-Wall..... 1.03
 Beam Construction..... 1.04
 Barrier Details..... 1.04
 Rip Rap Details..... 1.05
 U-Wall Sections..... 1.06
 IH-635 Columns
 Elevated Mainlanes Column / Pedestrian Bridge..... 1.07
 Column Type Location Diagram..... 1.08
 Joe Ratcliff Walkway / Pedestrian Bridges..... 1.08
 Color Concepts
 Cross Street Underpass..... 1.09
 Cross Street Overpass..... 1.10
 Elevated Mainlanes Column / Pedestrian Bridge..... 1.11

IH-635 Retaining Walls

Retaining Wall Elevations..... 2.00
 Wall Alignment..... 2.00
 Wall Configuration..... 2.01
 Wall Pattern Layout..... 2.02
 Wall Panels (Stack MSE)..... 2.04
 Wall Panels (Staggered MSE)..... 2.07
 U-Wall Elevation..... 2.09
 Retaining Wall Color Concept..... 2.10

Noise Walls

Noise Wall Elevations 3.00
 Wall Panel..... 3.01
 Wall Panel Connection..... 3.01
 Wall End Columns..... 3.02
 Cross Sections..... 3.02
 Noise Wall Color Concept..... 3.03

Hardscape

Cross Street Under Pass pattern..... 4.00
 Cross Street Over Pass pattern..... 4.01

Signage

Sign Bridge Elevations..... 5.00
 Cantilevered Sign Supports..... 5.01
 Center Supported Signs (Butterfly)..... 5.02
 Sign Bridge Truss Elevations..... 5.03
 Gantry..... 5.04
 Signage Color Concept..... 5.05

Roadway Lighting

Typical IH 635 Lighting Layout Sections..... 6.00
 Typical IH 635 Light Pole Layout Diagram..... 6.00
 Typical IH-35E Lighting Layout Sections..... 6.01
 Typical IH-35E Lighting Pole Layout Diagram..... 6.01

Tunnel Aesthetics (cut-n-cover and mined)

Porcelain \ Tile Wall Pattern..... 7.00
 Ceiling Plan..... 7.00
 Wall Pattern Layout..... 7.01

Tunnel Aesthetics (Continued)

Wall Obstructions..... 7.03
 Lighting Shroud..... 7.04
 Architectural Ceiling Element..... 7.04
 Cut and Cover Tunnel Sections..... 7.05
 Special Lighting..... 7.05
 Mined Tunnel Cross Sections..... 7.06
 Tunnel Portal Entry..... 7.07
 Tunnel Pattern Color Concept..... 7.09
 Portal Color Concept..... 7.10

IH-35E Corridor

Column Elevations..... 8.00
 Rotation Diagram..... 8.02
 Barrier Details..... 8.02
 Retaining Wall Elevations..... 8.03
 Wall Configuration..... 8.03
 Coping Details..... 8.03
 Wall Panels..... 8.04
 Elevated Mainlanes Column Color Concept..... 8.07
 Retaining Wall Color Concept..... 8.08

Landscaping

Landscaping..... 9.00
 Landscape Details..... 9.01
 Landscape at Elevated Mainlanes..... 9.02



IH635 MANAGED LANES PROJECT



DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: TABLE OF CONTENTS	ATTACHMENT: RID	SHEET NUMBER: 0.00
---------------------	--------------------	--------------------------------------	--------------------	-----------------------

Aesthetic Guideline Overview

The Urban design guidelines for the IH-35E and IH-635 corridors, establish the criteria manual for preliminary engineering of the highway corridor aesthetics. The design criteria provided serves as the primary standard guidelines necessary to produce the intended aesthetic form, function and appearance for the IH-635 Managed Lanes Project. These guidelines are to be incorporated into final engineering designs.

The intent of Attachment 15-1A, is to provide a roadway corridor with continuity and an aesthetic scheme that is comprehensive and thorough. It is not the objective of this Attachment to dictate the engineering solution, but rather provide an aesthetic solution to an engineered facility. The Developer shall apply the aesthetic concepts of this Attachment to the elements of the project based on the Developers unique engineered solution. Flexibility will be given to accommodate process, procedures, innovative techniques, and specific design elements.

In addition to the design intent of the Urban design guidelines, the developer shall provide a plan for community involvement. Community involvement shall be provided to allow the local community, cities, and land owners an opportunity to enhance the corridor. The Developer shall provide a plan that accomplishes the following:

1. Program for community involvement.
2. Plans for landscaping, hardscape, and any other aesthetics to be accomplished by the Developer, but paid for by the community. All landscaping, hardscape, or any addition aesthetic treatments within the ROW shall be Approved by TxDOT.
3. Developer shall provide an overall master plan that is to include sketches, elevations, plan, and details as needed to describe the enhancement agreed upon by the Developer and communities for approval.

Design Theme

Upon review of many schemes for the IH-35E corridor and IH-635 corridor the following can be used to summarize the aesthetic goals for the corridors.

1. Fast paced, directional, and should be modern, clean, and provide a sense of scale.
2. Terrain, elevation changes 180+ feet from highest point to lowest point within corridor. This represents strata.
3. 'Is' Fast paced highway surrounded by mixed use land
4. Modernize- color, energy, inviting
5. Incorporated both modern theme and native landscaping.

With in this attachment, are items that indicate the intended visual appearance of the corridor; however, there are elements that have not yet been established or need further establishment. This establishment shall be developed by the Developer and provided during all phases of the developers process. In addition to Attachment 15-1A, the Reference Information Document (RID) has been compiled to provide the developer with sketches, images, and ideas of what the design intent of the corridors shall look like when completed. Also within the RID, there are photographs that indicate construction details that should be avoided or improved upon.

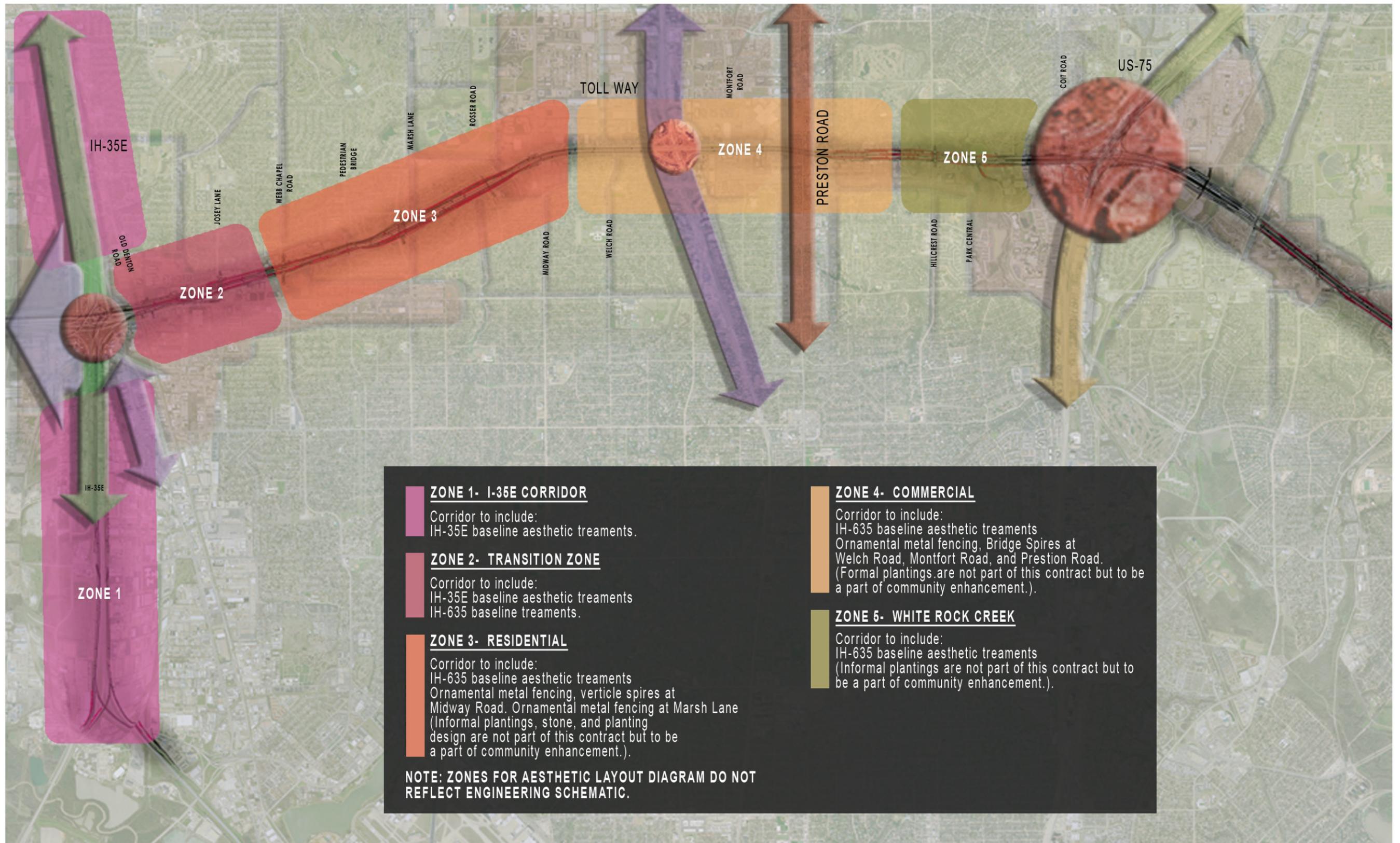
It is the understanding of TxDOT that this corridor has the ability to be developed in various stages called Interim-design and Ultimate design. This attachment B-6 does not distinguish between Interim-design and Ultimate design. All constructed materials shall provide the final appearance regardless of phase of construction. Any 3rd party agreements shall be constructed upon the discretion and agreement of the developer and local community, but shall remain within the limits of the design intent provided herein



IH635 MANAGED
LANES PROJECT



DATE:	SCALE:	SHEET CONTENTS:	ATTACHMENT:	SHEET NUMBER:
12/07/2007	AS NOTED	CORRIDOR OVERVIEW	RID	0.01



ZONE 1- I-35E CORRIDOR
 Corridor to include:
 IH-35E baseline aesthetic treatments.

ZONE 2- TRANSITION ZONE
 Corridor to include:
 IH-35E baseline aesthetic treatments
 IH-635 baseline treatments.

ZONE 3- RESIDENTIAL
 Corridor to include:
 IH-635 baseline aesthetic treatments
 Ornamental metal fencing, verticle spires at
 Midway Road. Ornamental metal fencing at Marsh Lane
 (Informal plantings, stone, and planting
 design are not part of this contract but to be
 a part of community enhancement.)

ZONE 4- COMMERCIAL
 Corridor to include:
 IH-635 baseline aesthetic treatments
 Ornamental metal fencing, Bridge Spires at
 Welch Road, Montfort Road, and Prestion Road.
 (Formal plantings are not part of this contract but to be
 a part of community enhancement.)

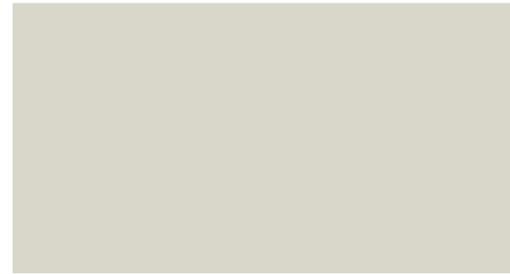
ZONE 5- WHITE ROCK CREEK
 Corridor to include:
 IH-635 baseline aesthetic treatments
 (Informal plantings are not part of this contract but to
 be a part of community enhancement.)

NOTE: ZONES FOR AESTHETIC LAYOUT DIAGRAM DO NOT REFLECT ENGINEERING SCHEMATIC.

DATE: 12/07/2007	SCALE: N.T.S.	SHEET CONTENTS: AESTHETIC LAYOUT DIAGRAM	ATTACHMENT: RID	SHEET NUMBER: 0.02
---------------------	------------------	--	--------------------	-----------------------

IH-35E COLOR PALLET

STANDARD COLOR PALLET



Primary Color:
Ermine SW1023



Secondary Color:
Grid Gray SW1026



Accent Color:
Florentino Green KM395-M

IH-635 COLOR PALLET

HARDSCAPE COLOR PALLET



Primary Color:
Pavestone Charcoal



Secondary Color:
Pavestone Pewter

IH 635/SUBSURFACE MANAGED LANES COLOR PALLET



Primary Color:
Ermine SW1023



Secondary Color:
Grid Gray SW1026



Secondary Color:
Countrified Blue SW1509

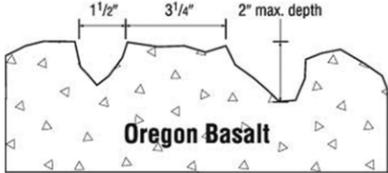
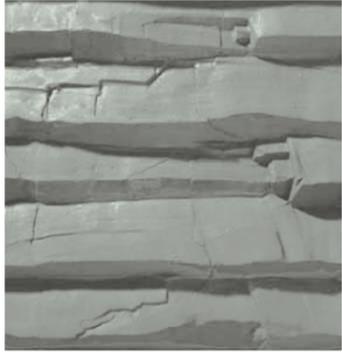


Tunnel Ceiling and Fence Color:
Black of Night SW 6993

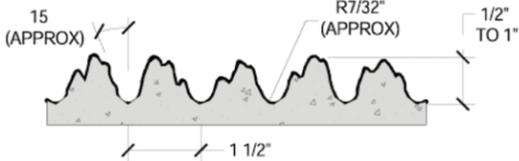
IH-635 AND IH-35E STANDARD CONCRETE FINISHES



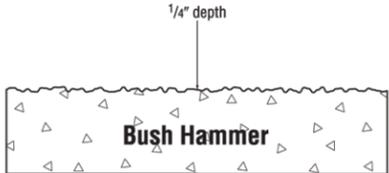
Smooth Finish:
No Texture



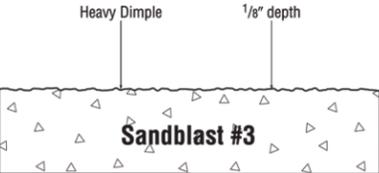
Oregon Basalt Finish:
Scott System #175
Oregon Basalt



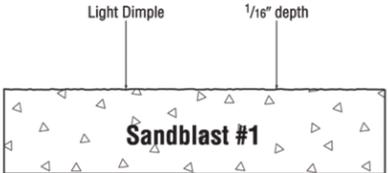
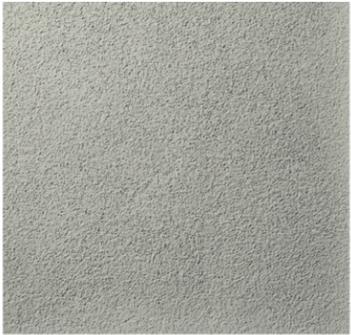
1" Fractured Fin:
Greenstreak #373
Fractured Fin



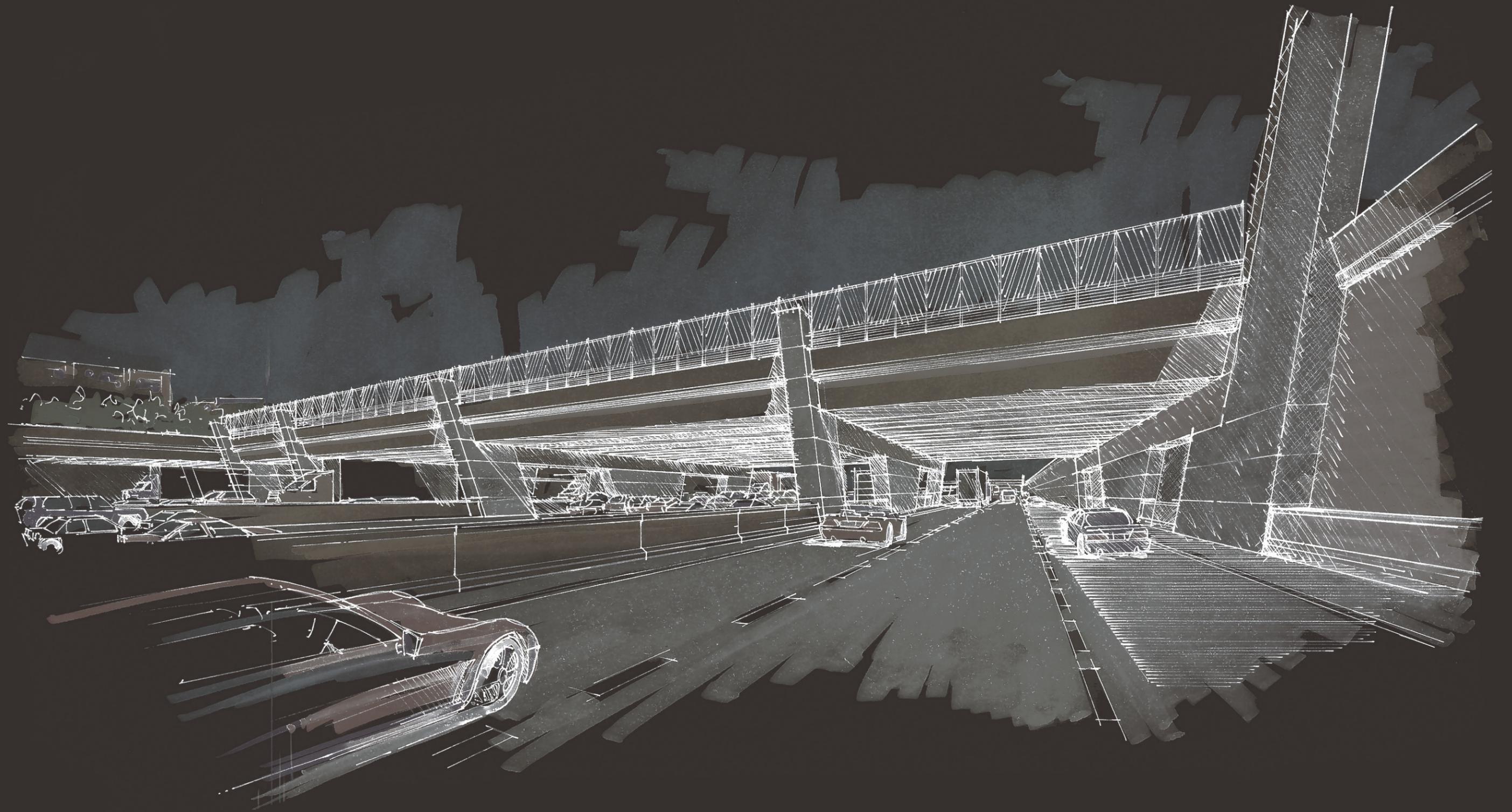
1/4" Bush Hammer Finish:
Scott System #162A
Bush Hammer



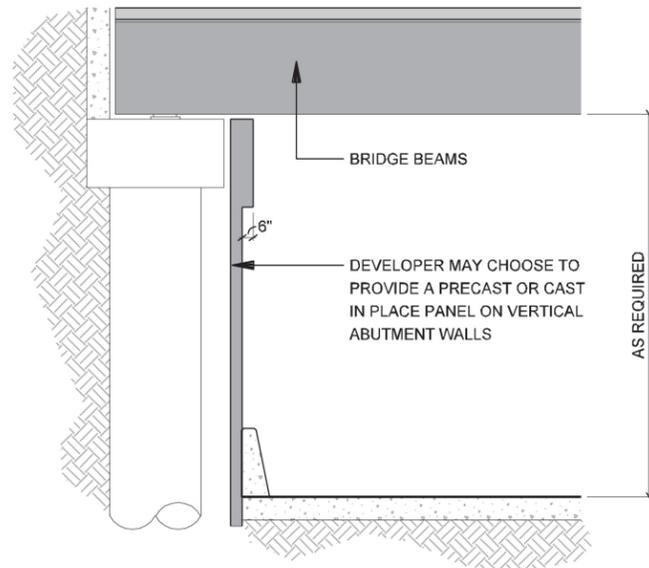
Heavy Sandblast Finish:
Scott System #121
Sandblast #3



Light Sandblast Finish:
Scott System #119
Sandblast #1



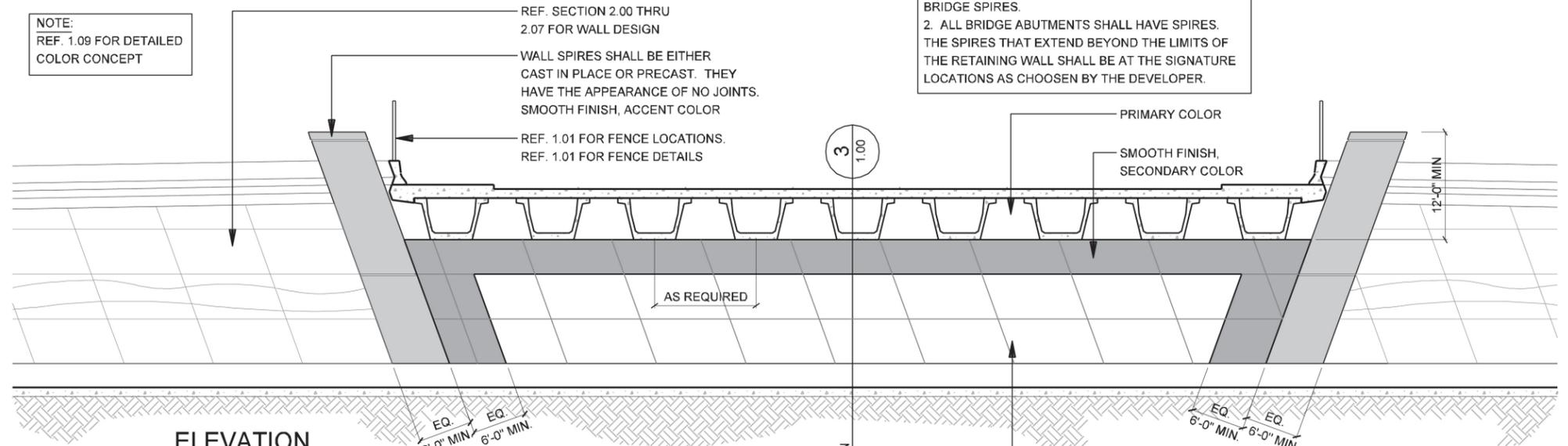
BRIDGE AESTHETICS



3 SECTION BRIDGE - COLUMNS

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

NOTE:
REF. 1.09 FOR DETAILED COLOR CONCEPT



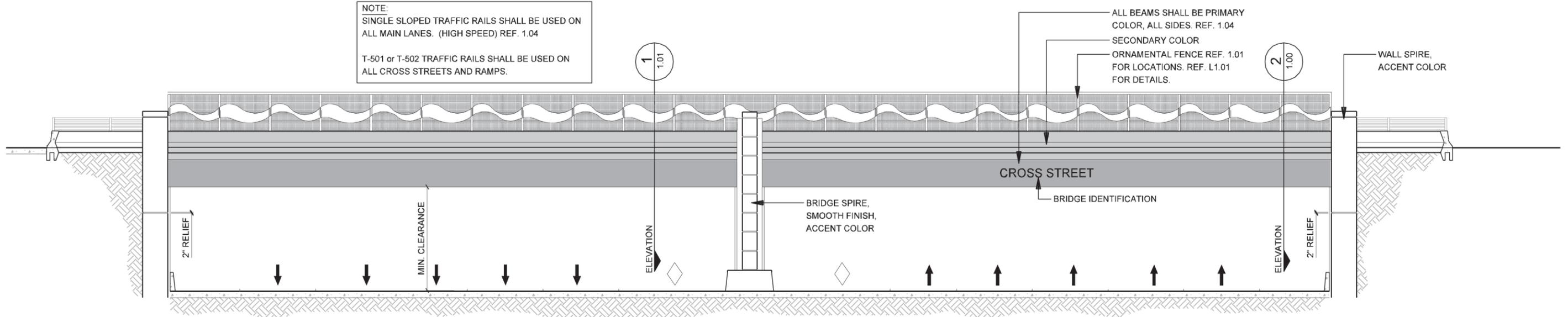
2 ELEVATION CROSS STREET UNDERPASS - BRIDGE ABUTMENT

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

NOTE:
1. DEVELOPER IS RESPONSIBLE FOR WORKING OUT THE DESIGN OF THE MSE WITH RELATION TO THE BRIDGE SPIRES.
2. ALL BRIDGE ABUTMENTS SHALL HAVE SPIRES. THE SPIRES THAT EXTEND BEYOND THE LIMITS OF THE RETAINING WALL SHALL BE AT THE SIGNATURE LOCATIONS AS CHOSEN BY THE DEVELOPER.

DEFINITION: CROSS STREET UNDERPASS - MAINLANE OF IH635 PASSES UNDER CROSS STREET BRIDGES.

NOTE:
SINGLE SLOPED TRAFFIC RAILS SHALL BE USED ON ALL MAIN LANES. (HIGH SPEED) REF. 1.04
T-501 or T-502 TRAFFIC RAILS SHALL BE USED ON ALL CROSS STREETS AND RAMPS.



1 ELEVATION CROSS STREET UNDERPASS - FRONT VIEW

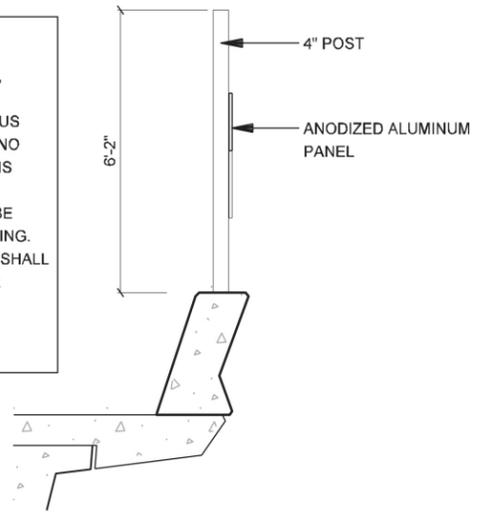
SCALE: 1/16"=1'-0"

NOTE:
REF. 1.09 FOR DETAILED COLOR CONCEPT

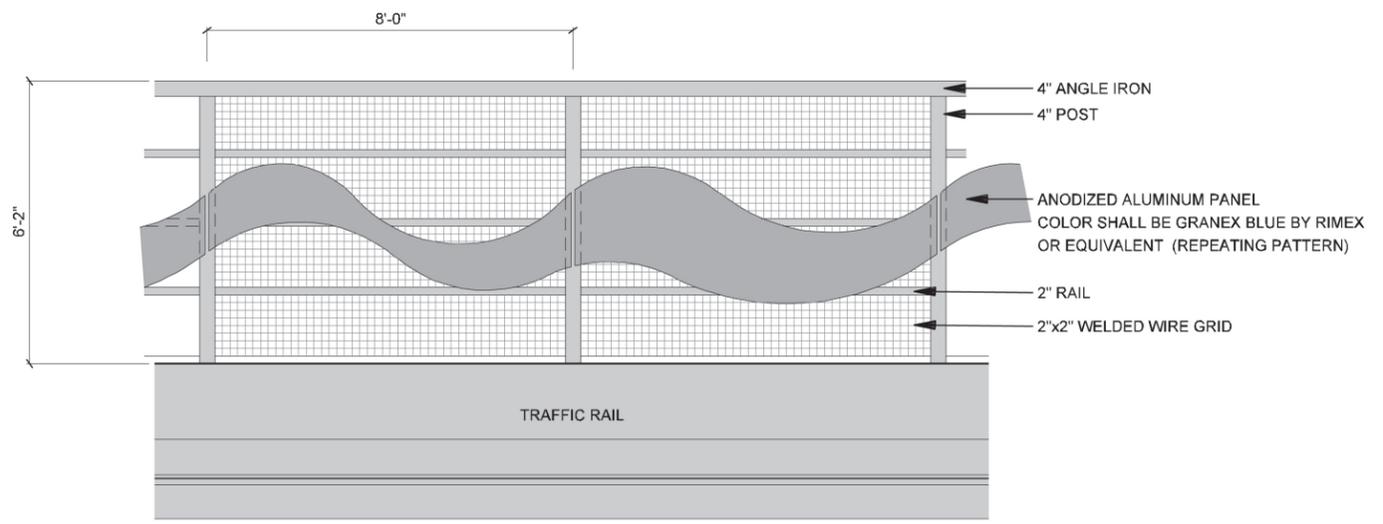
NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: BRIDGE AESTHETICS	ATTACHMENT: RID	SHEET NUMBER: 1.00
---------------------	--------------------	--------------------------------------	--------------------	------------------------------

NOTE:
 DEVELOPER SHALL DEVELOP CONCEPT AND LOCATION FOR SECURITY FENCING AT R.O.W., SECURITY FENCING, RAILROAD CROSSINGS AND FENCING FOR RESIDENTIAL ADJACENCY. FENCING SHALL HAVE A CLEAN CONTINUOUS AND ORDERLY APPEARANCE THOUGH OUT CORRIDOR. NO STANDARD CHAIN LINK FENCING SHALL BE USED ON THIS CORRIDOR. DEVELOPER SHALL CHOOSE OR DESIGN A FENCE OTHER THAN STANDARD CHAINLINK THAT WILL BE USED FOR SECURITY FENCING OR ACCESSIBILITY FENCING. ALL FENCING DESIGNS, FENCE COLORS AND LOCATION SHALL BE APPROVED PRIOR TO CONSTRUCTION. (DEVELOPER SHALL ENSURE THAT COORDINATION WITH RAIL ROADS MUNICIPALITIES, AND ALL OTHER PROPERTY OWNERS HAS TAKEN PLACE WITH REGARDS TO FENCING.)



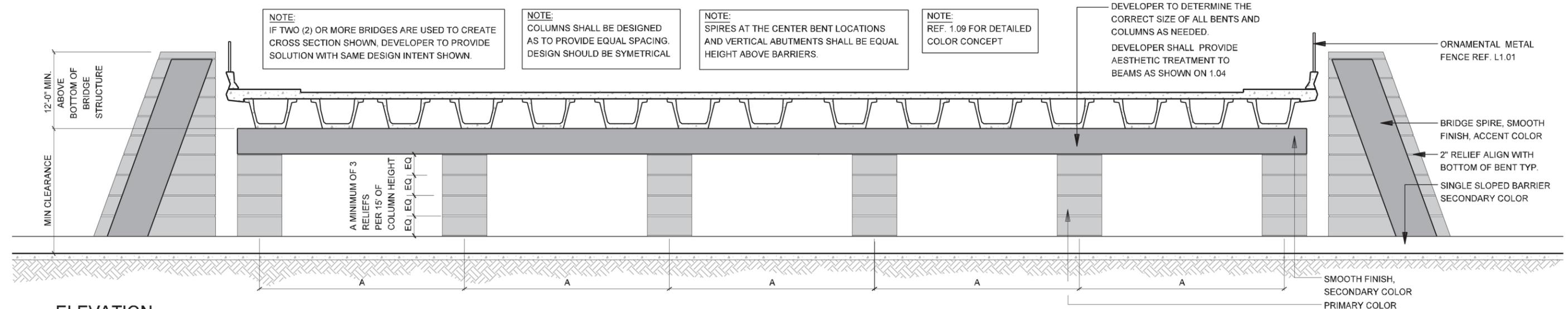
DEVELOPER SHALL DEVELOP METHOD OF CONSTRUCTION FOR FENCE DETAIL.



2 FENCE - SECTION
 SCALE: 1/4"=1'-0"



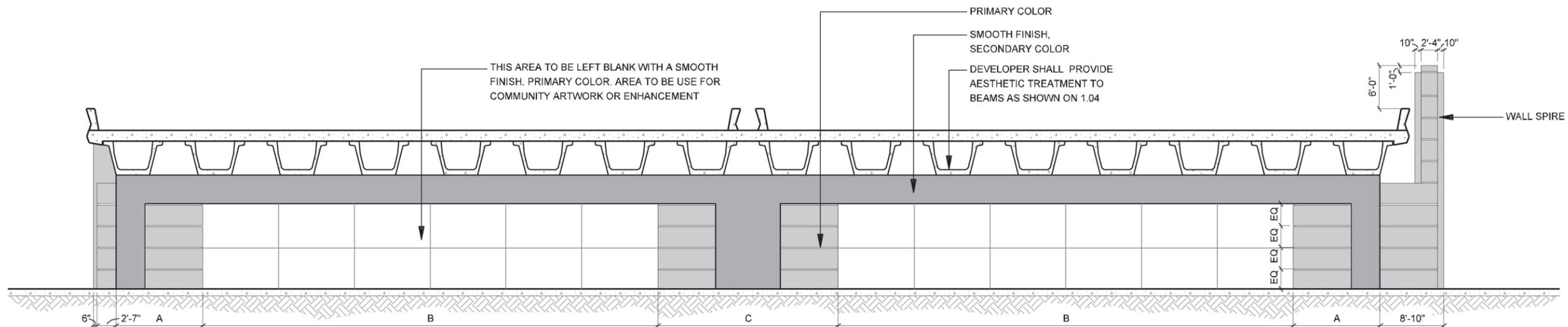
PLAN: BENT (SHOWN WITHOUT BEAMS AND ROAD STRUCTURE)



1 ELEVATION CROSS STREET UNDERPASS - BENT ELEVATION
 SCALE: 1/16"=1'-0"

NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

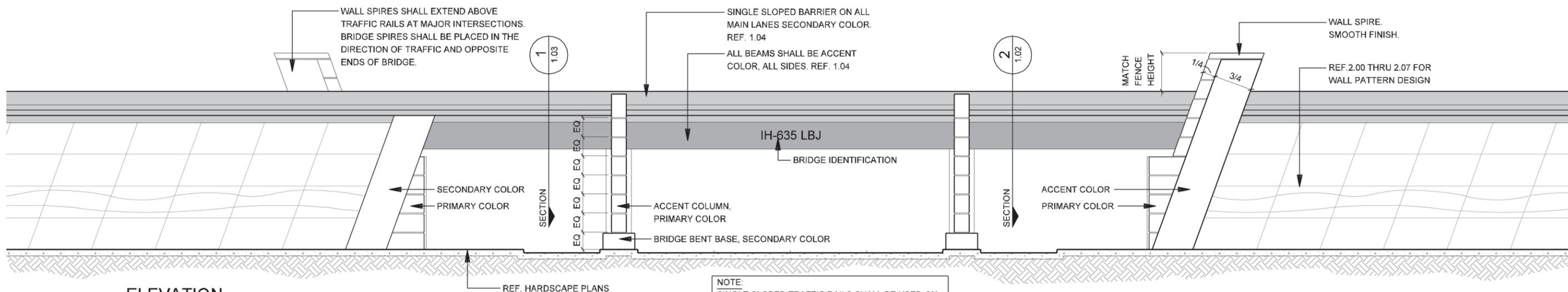
DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: BRIDGE AESTHETICS	ATTACHMENT: RID	SHEET NUMBER: 1.01
---------------------	--------------------	--------------------------------------	--------------------	-----------------------



2 ELEVATION
CROSS STREET OVERPASS - BRIDGE ABUTMENT
 SCALE: 1/16"=1'-0"

NOTE:
 REF. 1.10 FOR DETAILED
 COLOR CONCEPT

DEFINITION: CROSS STREET OVERPASS - MAINLANE OF IH635 PASSES OVER CROSS STREET BRIDGES.



1 ELEVATION
CROSS STREET OVERPASS - FRONT VIEW
 SCALE: 1/16"=1'-0"

NOTE:
 REF. 1.10 FOR DETAILED
 COLOR CONCEPT

NOTE:
 SINGLE SLOPED TRAFFIC RAILS SHALL BE USED ON
 ALL MAIN LANES.
 T-501 OR T-502 TRAFFIC RAILS SHALL BE USED ON
 ALL CROSS STREETS AND RAMPS.



IH635 MANAGED
 LANES PROJECT



NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

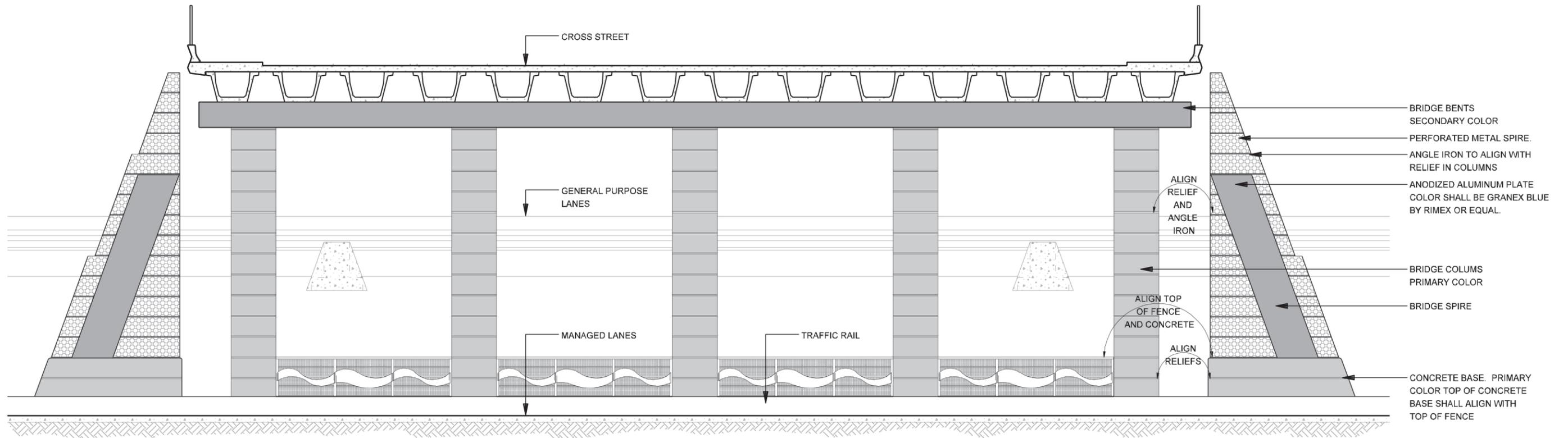
DATE:
 12/07/2007

SCALE:
 AS NOTED

SHEET CONTENTS:
 BRIDGE AESTHETICS

ATTACHMENT:
 RID

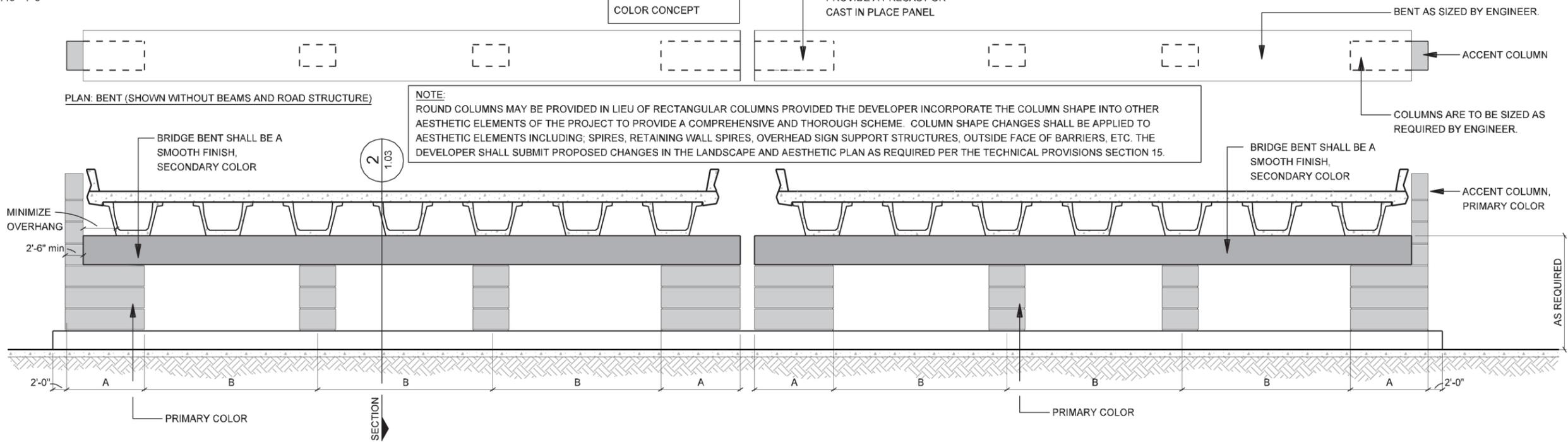
SHEET NUMBER:
 1.02



2 ELEVATION
CROSS STREET UNDER PASS - U-WALL
SCALE: 1/16"=1'-0"

NOTE:
REF. 1.10 FOR DETAILED
COLOR CONCEPT

DEVELOPER MAY CHOOSE TO
PROVIDE A PRECAST OR
CAST IN PLACE PANEL



NOTE:
ROUND COLUMNS MAY BE PROVIDED IN LIEU OF RECTANGULAR COLUMNS PROVIDED THE DEVELOPER INCORPORATE THE COLUMN SHAPE INTO OTHER AESTHETIC ELEMENTS OF THE PROJECT TO PROVIDE A COMPREHENSIVE AND THOROUGH SCHEME. COLUMN SHAPE CHANGES SHALL BE APPLIED TO AESTHETIC ELEMENTS INCLUDING; SPIRES, RETAINING WALL SPIRES, OVERHEAD SIGN SUPPORT STRUCTURES, OUTSIDE FACE OF BARRIERS, ETC. THE DEVELOPER SHALL SUBMIT PROPOSED CHANGES IN THE LANDSCAPE AND AESTHETIC PLAN AS REQUIRED PER THE TECHNICAL PROVISIONS SECTION 15.

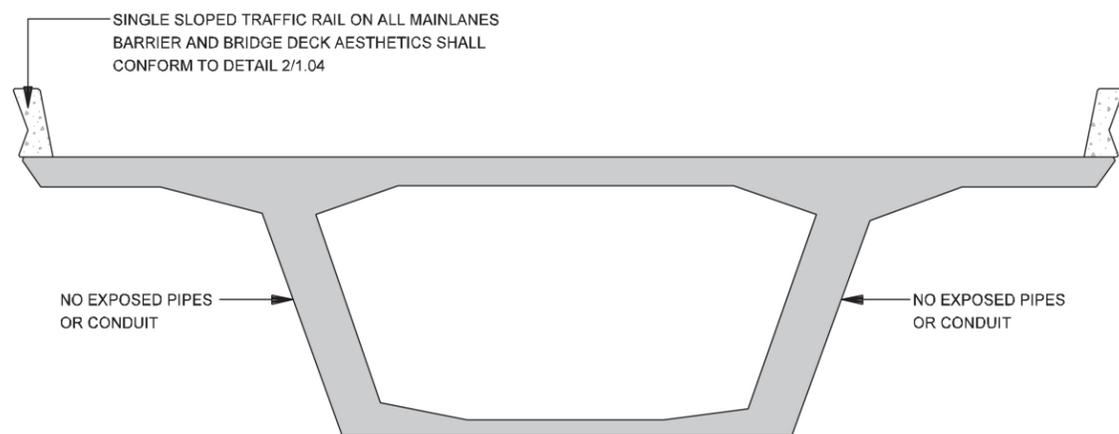
1 ELEVATION
CROSS STREET OVERPASS - BENT ELEVATION
SCALE: 1/16"=1'-0"

NOTE:
IF TWO (2) OR MORE BRIDGES ARE USED TO CREATE
CROSS SECTION SHOWN, DEVELOPER TO PROVIDE
SOLUTION WITH SAME DESIGN INTENT SHOWN.

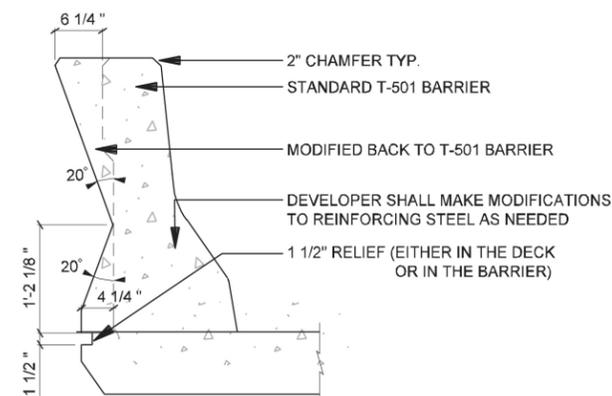


NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

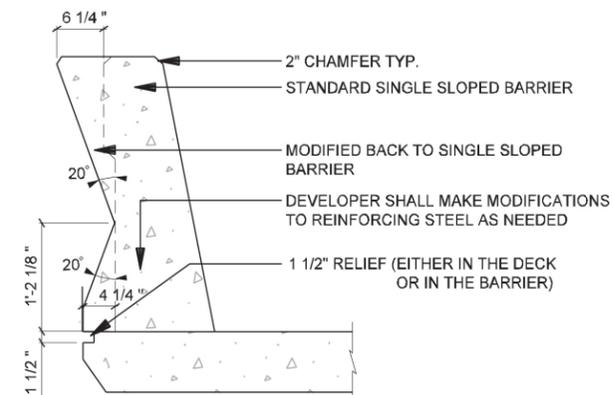
DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: BRIDGE AESTHETICS	ATTACHMENT: RID	SHEET NUMBER: 1.03
---------------------	--------------------	--------------------------------------	--------------------	-----------------------



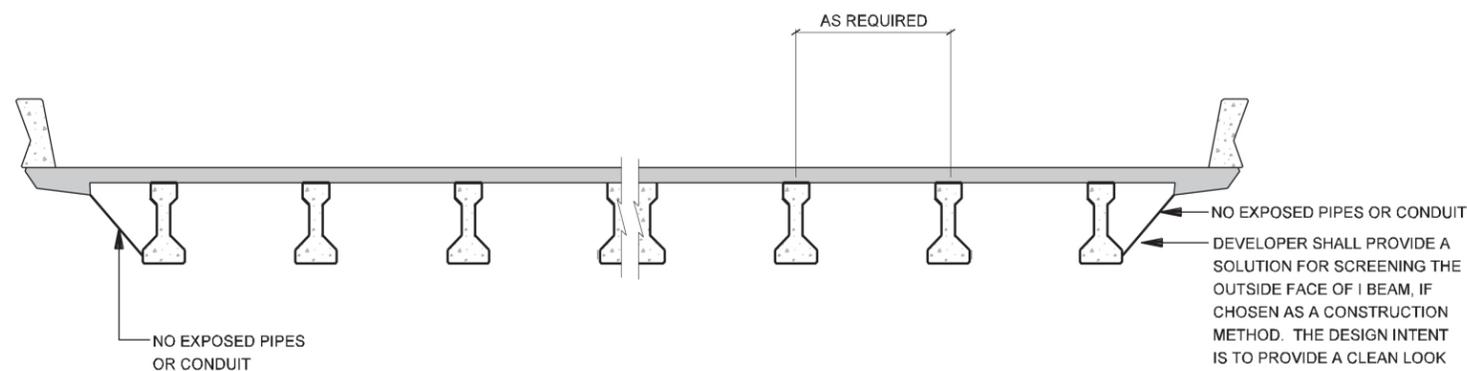
5 SECTION
SEGMENTAL BRIDGE CONSTRUCTION.
SCALE: NTS



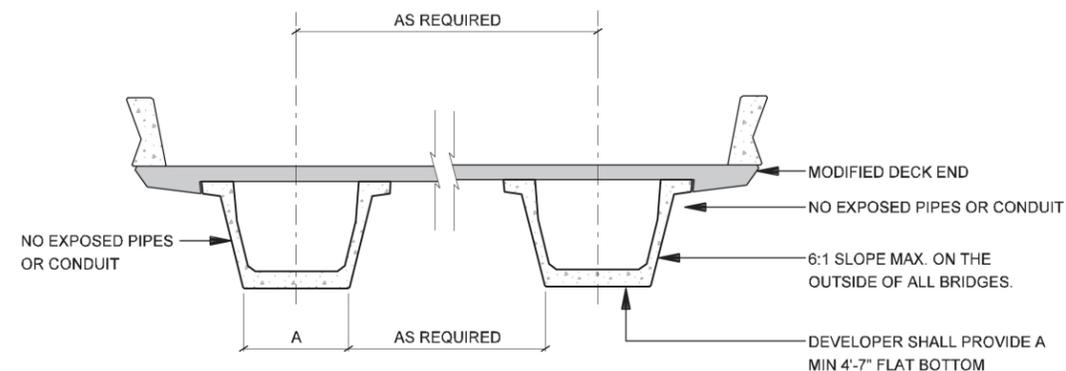
4 SECTION
MODIFIED T-501, T-502 BARRIER
SCALE: 1/2"=1'-0"



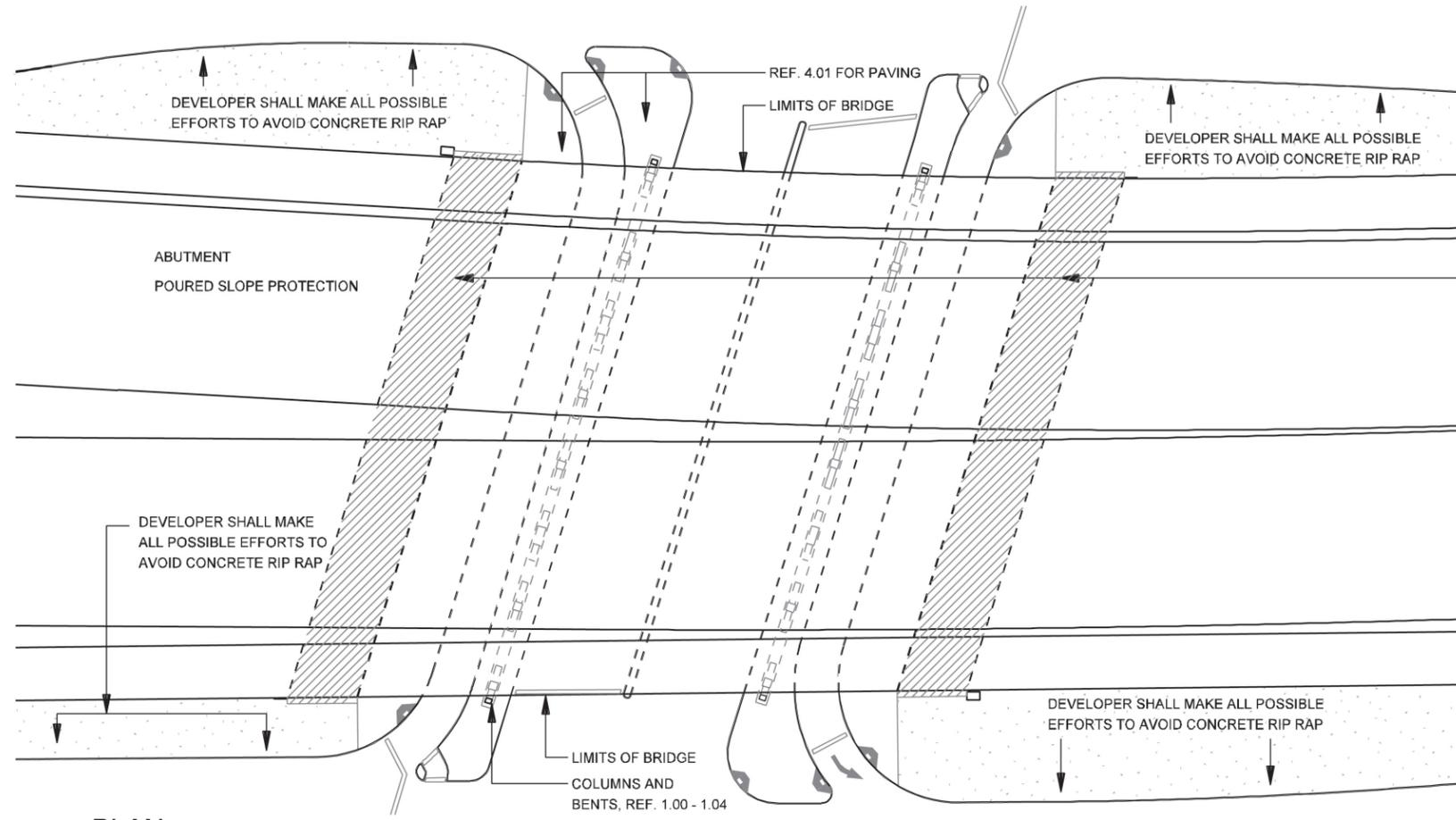
2 SECTION
MODIFIED SINGLE SLOPED BARRIER
SCALE: 1/2"=1'-0"



3 ELEVATION
I-BEAM STRUCTURE
SCALE: 1/8"=1'-0"

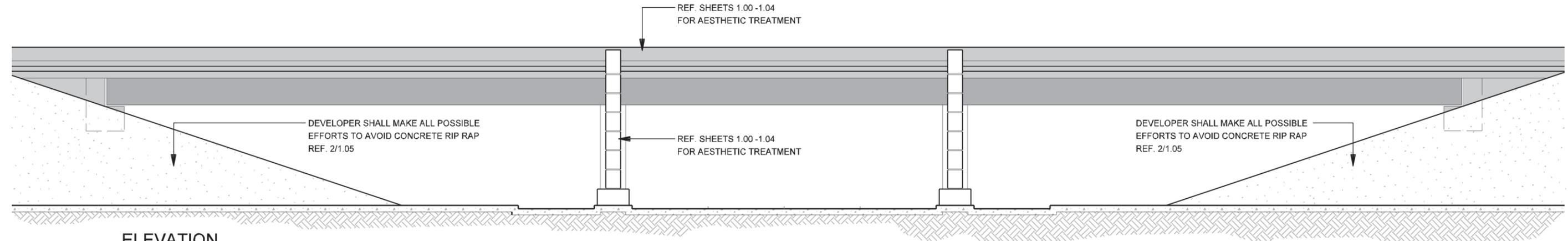


1 SECTION
U-BEAM STRUCTURE
SCALE: 1/8"=1'-0"



DEVELOPER SHALL MAKE ALL POSSIBLE EFFORTS TO AVOID RIP RAP FROM EXTENDING 3'-0" MAX. BEYOND THE LIMITS OF THE BRIDGE OVERHANG VISIBLE TO ADJACENT PROPERTIES OR THE TRAVELLING PUBLIC. ALL RIP RAP SHALL BE CONCRETE PAVERS OR STAINED CONCRETE WITH ALL JOINTS PARALLEL TO BRIDGE STRUCTURE. ALL RIP RAP SHALL CONFORM TO THE DESIGN INTENT OF THE HARDSCAPE PLANS FOR PATTERN, COLOR AND MATERIAL, REF. 4.01.

2
PLAN
CROSS STREET OVERPASS/UNDERPASS - RIP RAP
 SCALE: NTS

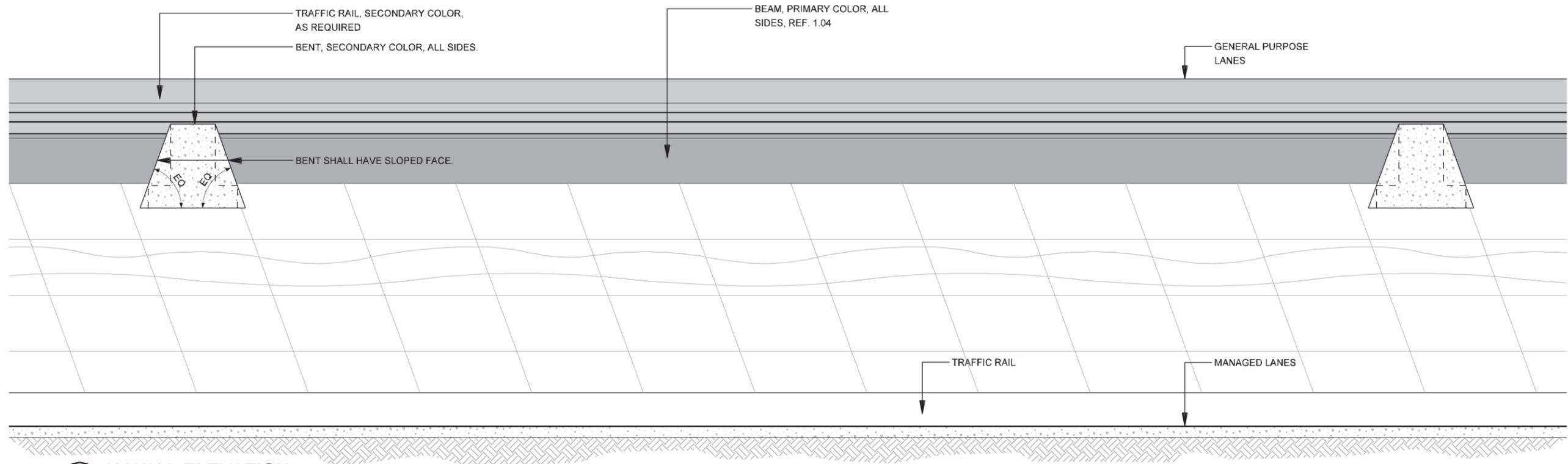


1
ELEVATION
CROSS STREET OVERPASS/UNDER PASS - RIP RAP
 SCALE: 1/16"=1'-0"

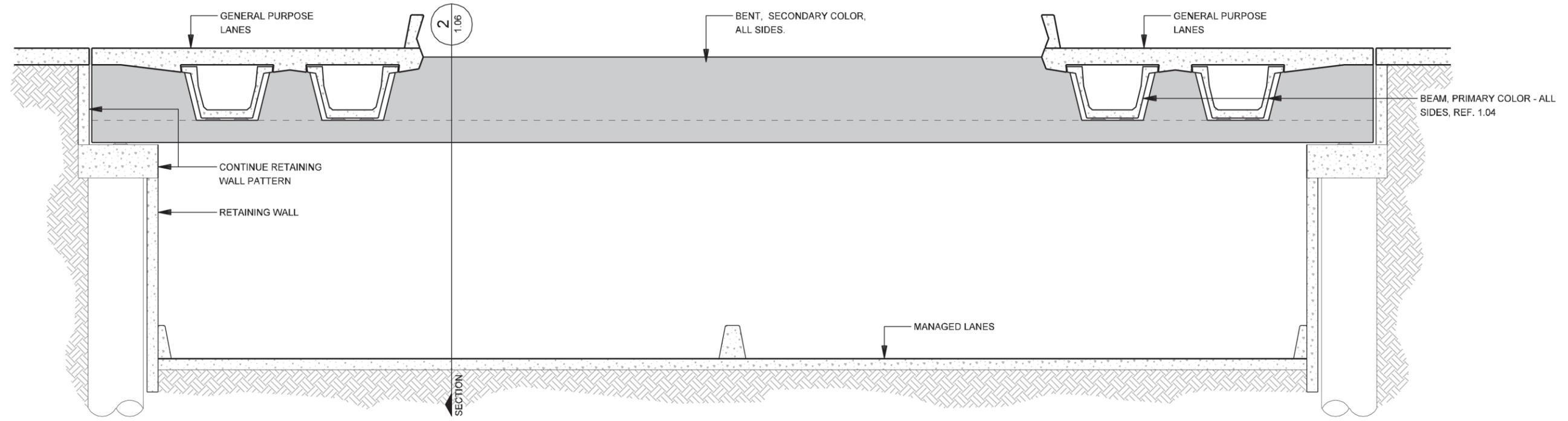


NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: BRIDGE AESTHETICS	ATTACHMENT: RID	SHEET NUMBER: 1.05
---------------------	--------------------	--------------------------------------	--------------------	------------------------------



2 U-WALL ELEVATION
SCALE: 1"=10'-0"

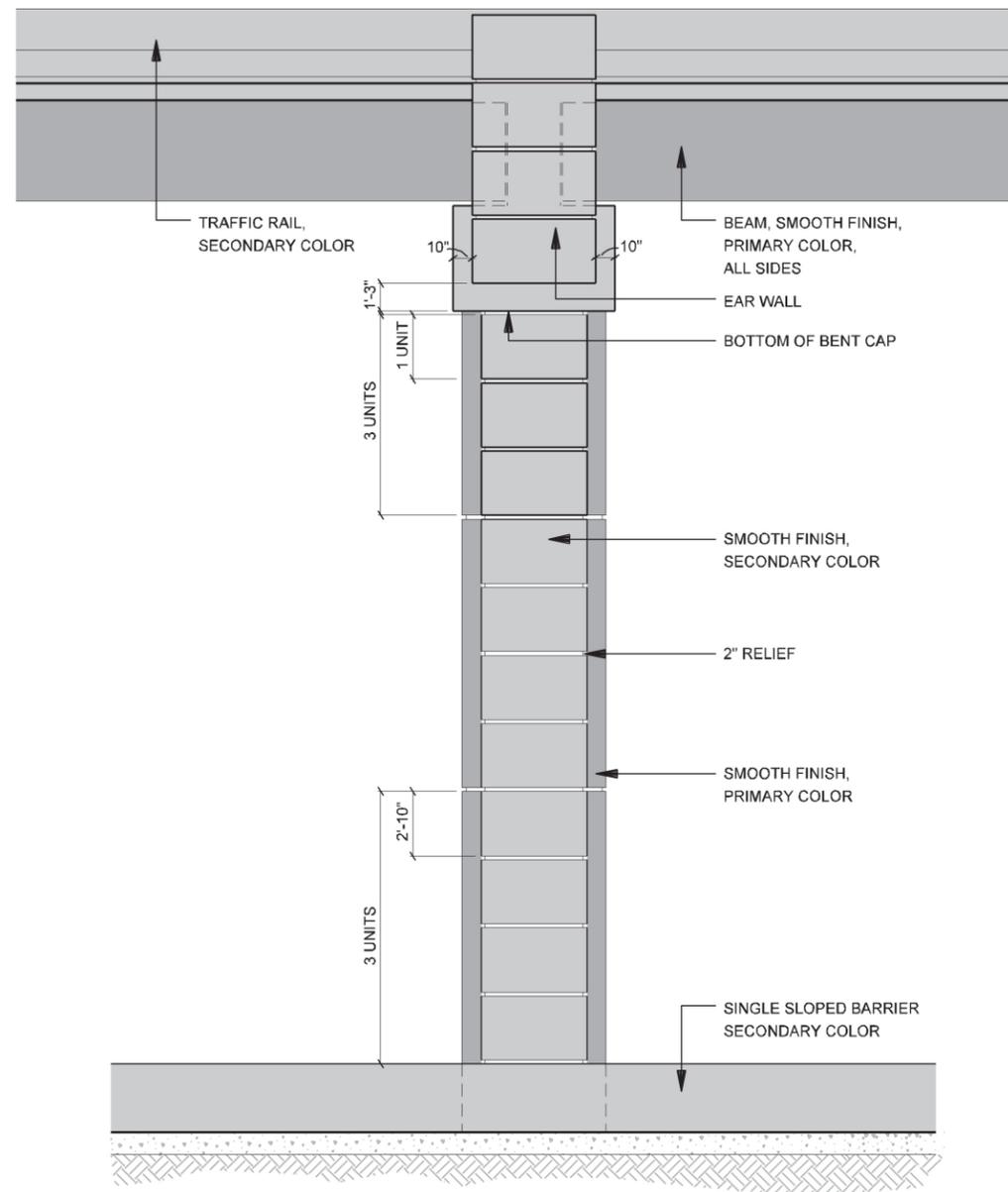


1 U-WALL - ELEVATION
SCALE: 1"=10'-0"



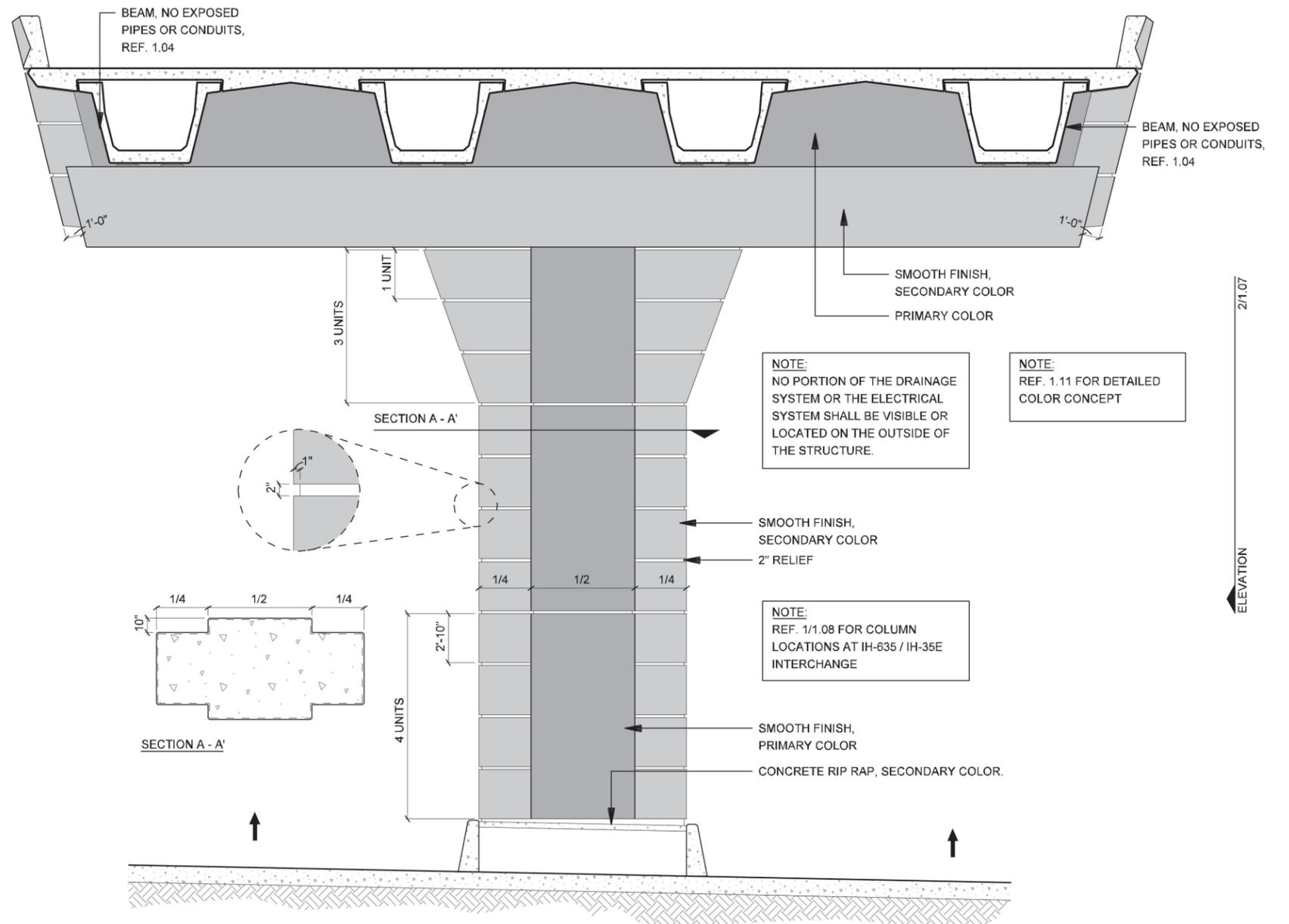
NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: BRIDGE AESTHETICS	ATTACHMENT: RID	SHEET NUMBER: 1.06
---------------------	--------------------	--------------------------------------	--------------------	------------------------------



2 ELEVATION - SIDE VIEW
IH-635 ELEVATED MAINLANES COLUMN / PEDESTRIAN BRIDGE

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



1 ELEVATION - FRONT VIEW
IH-635 ELEVATED MAINLANES COLUMN / PEDESTRIAN BRIDGE

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

NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

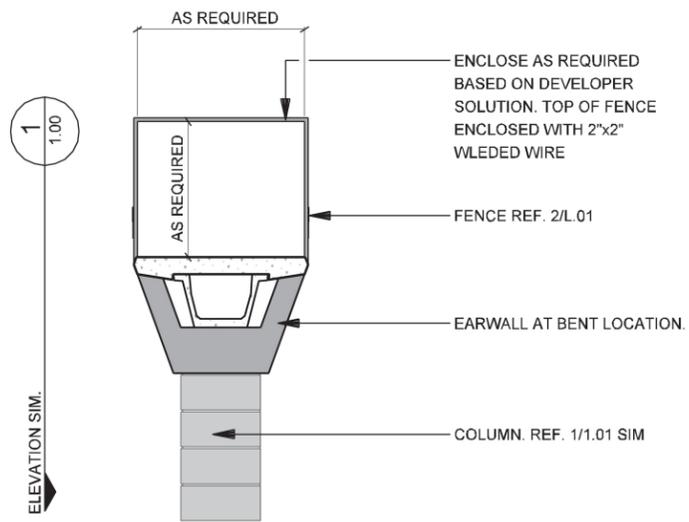
DATE:
12/07/2007

SCALE:
AS NOTED

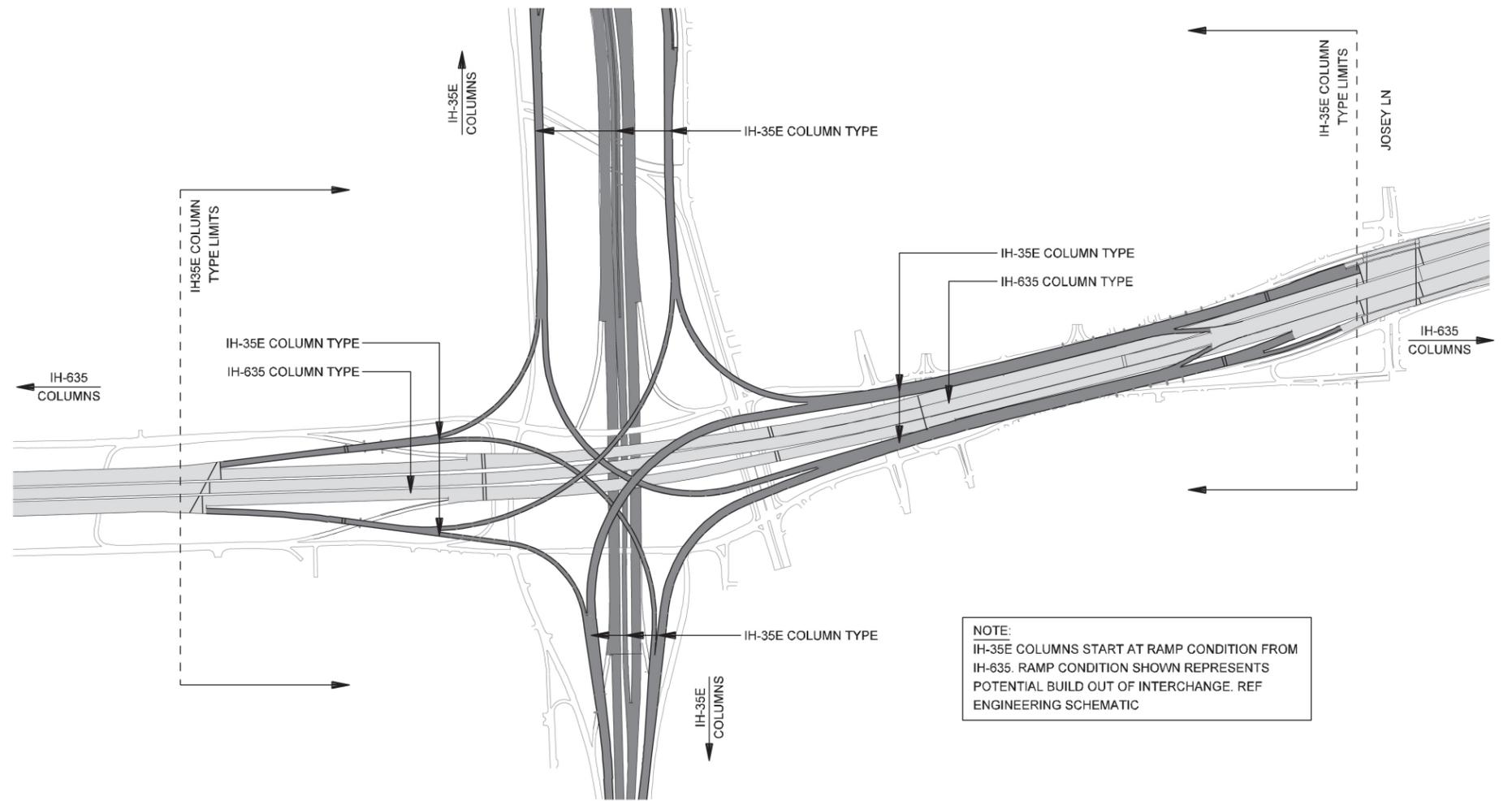
SHEET CONTENTS:
BRIDGE AESTHETICS

ATTACHMENT:
RID

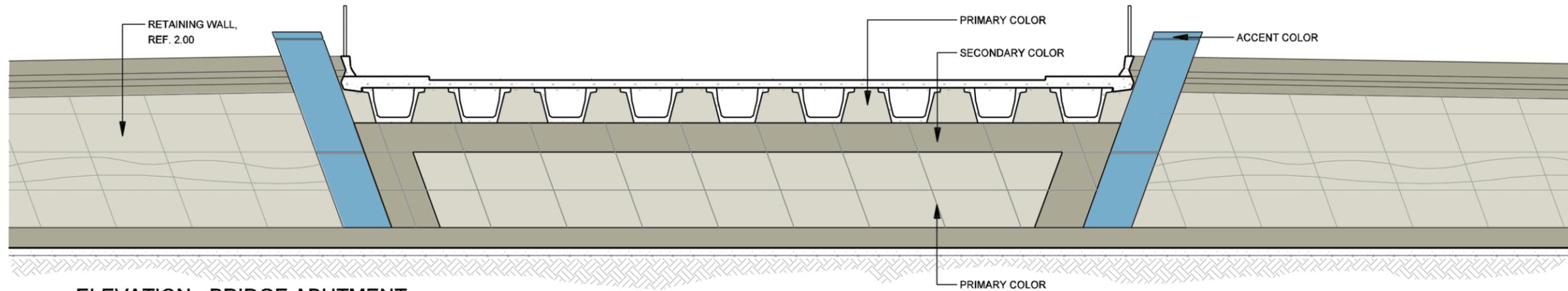
SHEET NUMBER:
1.07



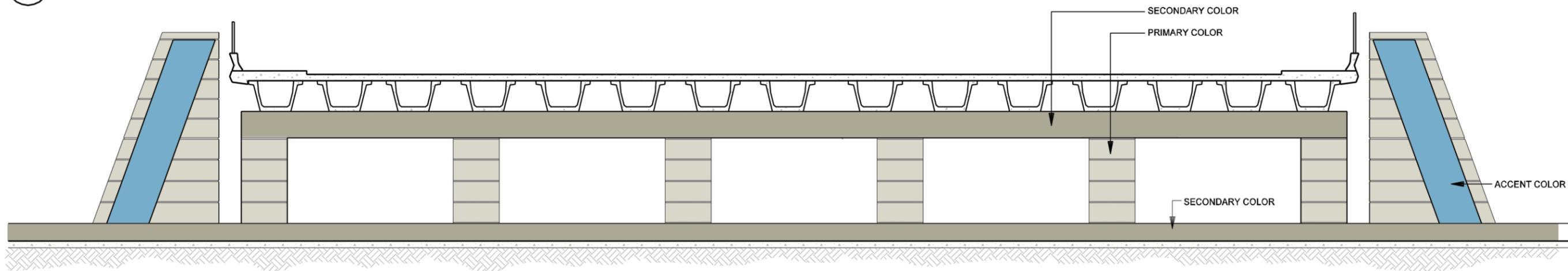
2 ELEVATION
JOE RATCLIFF WALKWAY / PEDESTRIAN BRIDGES
 SCALE: 1/16"=1'-0"



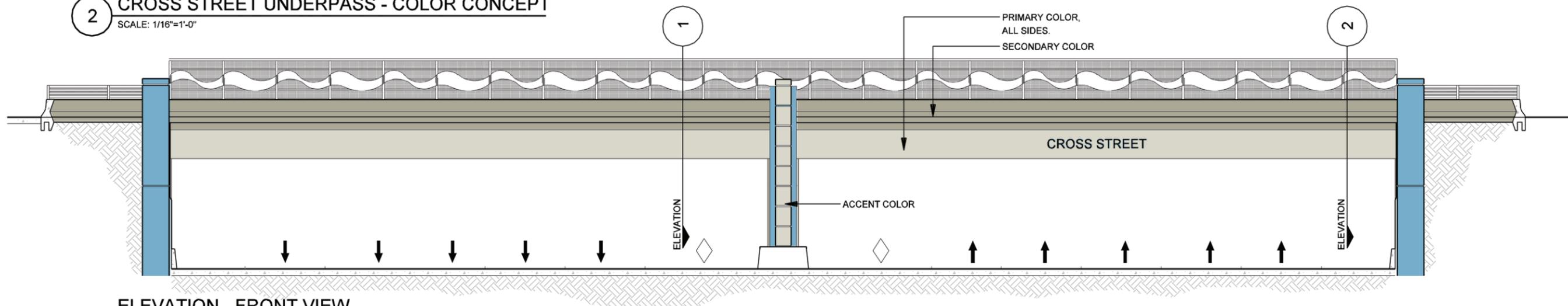
1 PLAN
COLUMN TYPE LOCATION DIAGRAM
 SCALE: N.T.S.



3
ELEVATION - BRIDGE ABUTMENT
CROSS STREET UNDERPASS - COLOR CONCEPT
 SCALE: 1/16"=1'-0"



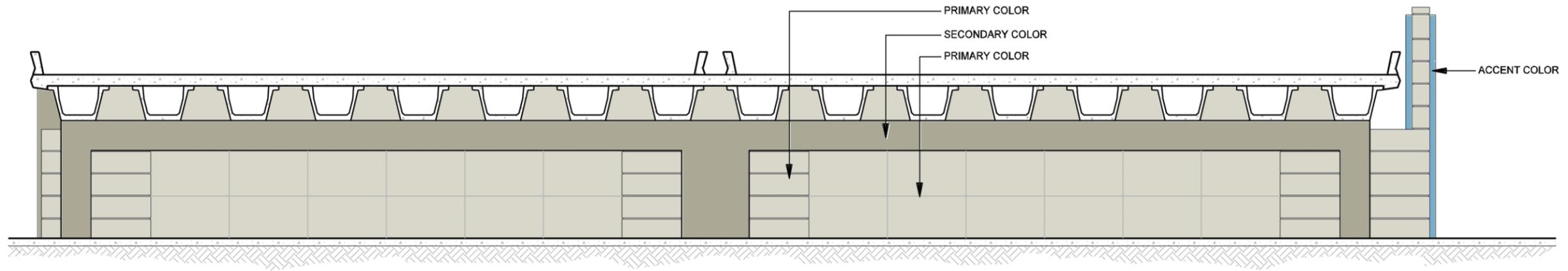
2
BENT ELEVATION
CROSS STREET UNDERPASS - COLOR CONCEPT
 SCALE: 1/16"=1'-0"



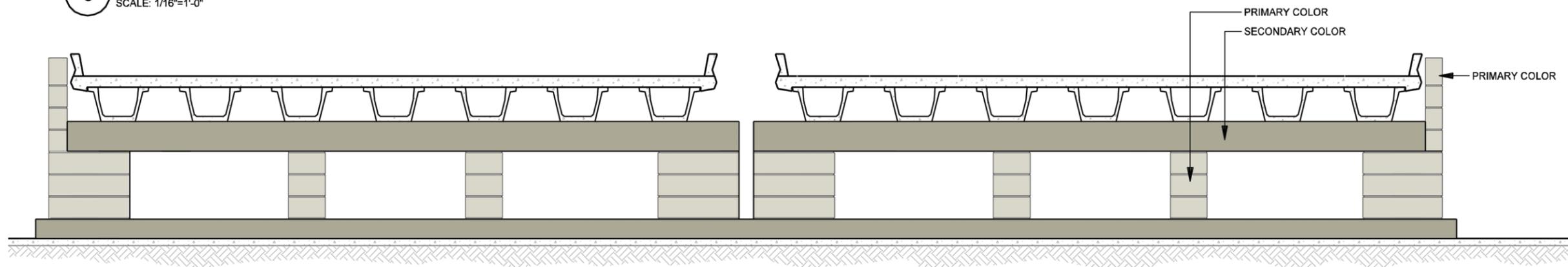
1
ELEVATION - FRONT VIEW
CROSS STREET UNDERPASS - COLOR CONCEPT
 SCALE: 1/16"=1'-0"



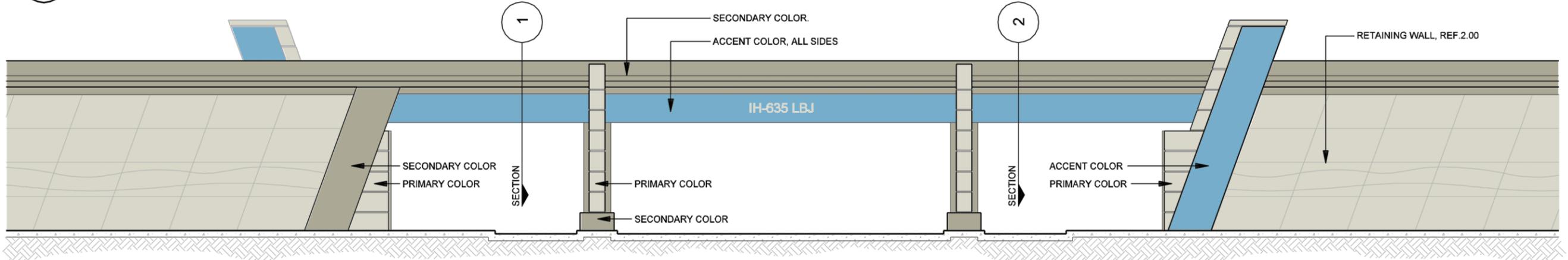
DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: BRIDGE AESTHETICS	ATTACHMENT: RID	SHEET NUMBER: 1.09
---------------------	--------------------	--------------------------------------	--------------------	------------------------------



3 ELEVATION - BRIDGE ABUTMENT
CROSS STREET OVERPASS - COLOR CONCEPT
SCALE: 1/16"=1'-0"

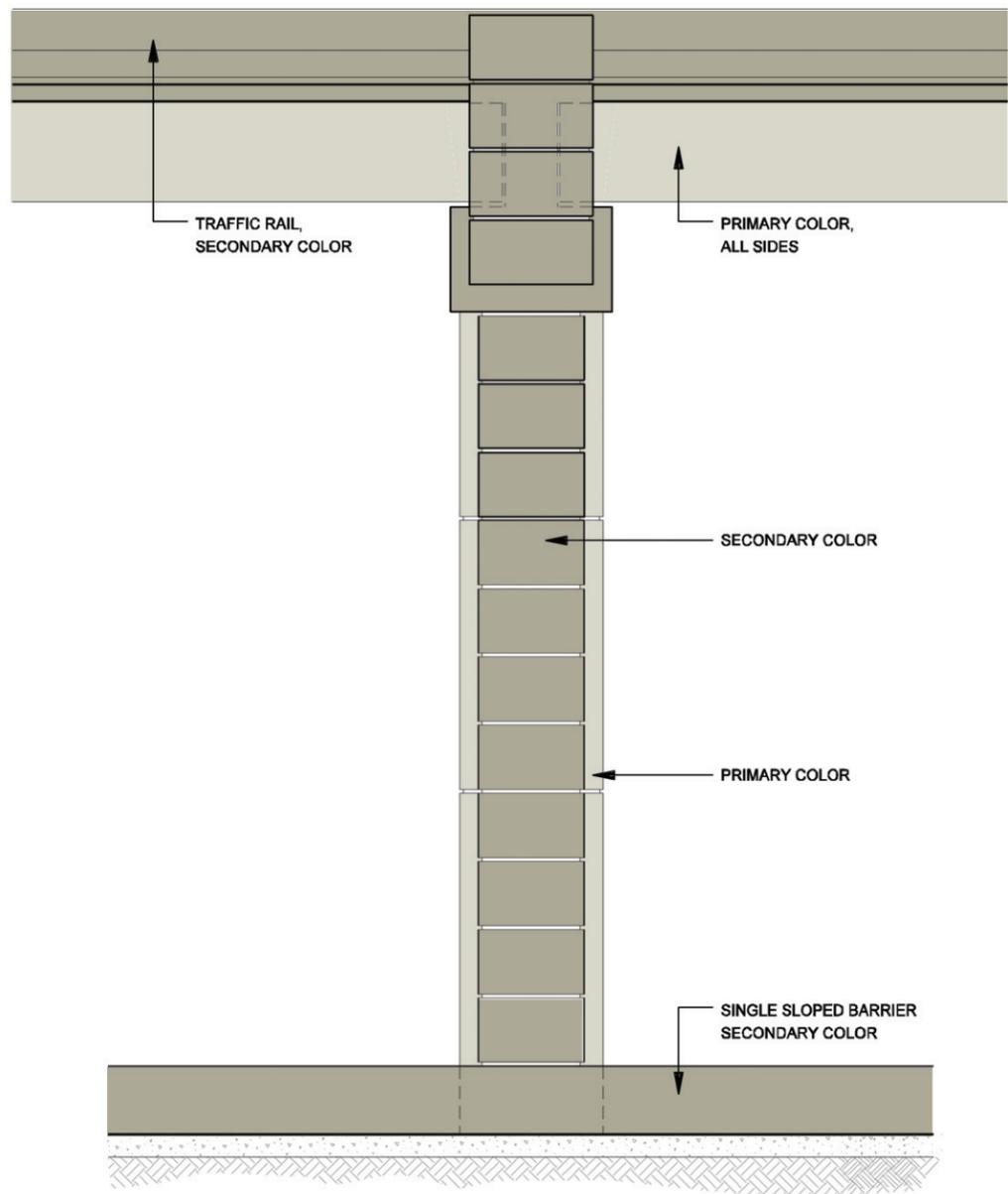


2 ELEVATION - BENT ELEVATION
CROSS STREET OVERPASS - COLOR CONCEPT
SCALE: 1/16"=1'-0"

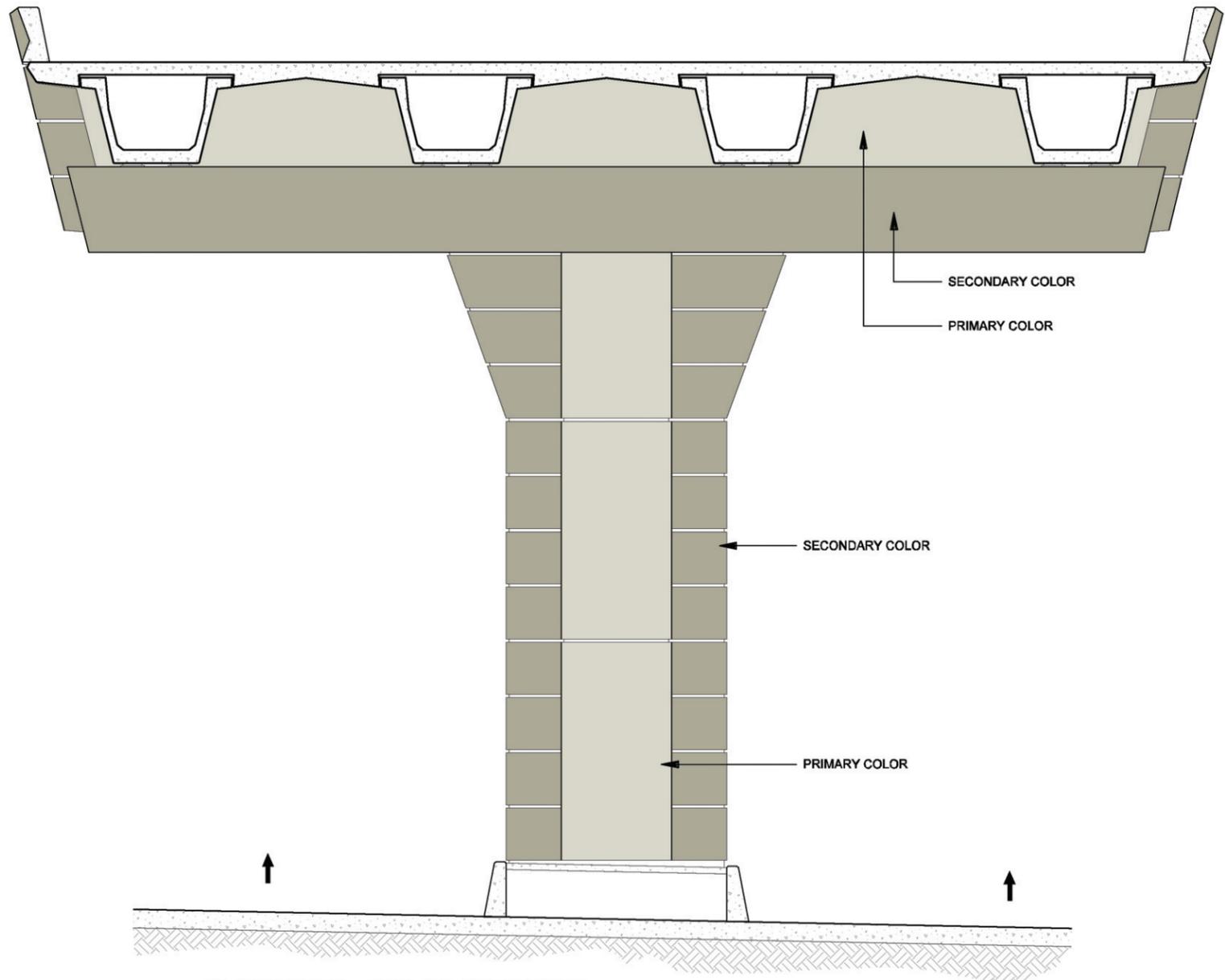


1 ELEVATION - FRONT VIEW
CROSS STREET OVERPASS - COLOR CONCEPT
SCALE: 1/16"=1'-0"

DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: BRIDGE AESTHETICS	ATTACHMENT: RID	SHEET NUMBER: 1.10
---------------------	--------------------	--------------------------------------	--------------------	-----------------------

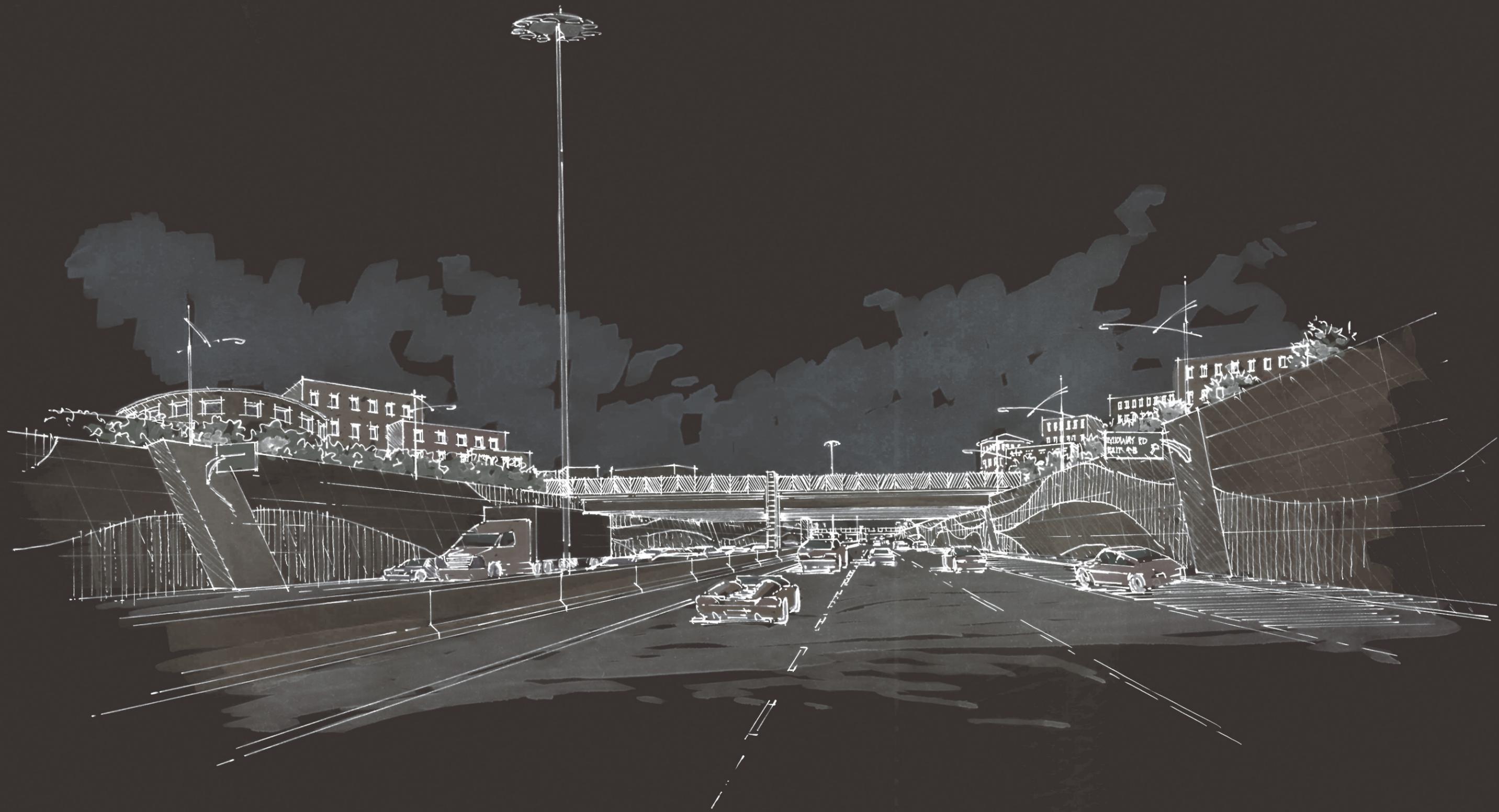


2 ELEVATION - COLOR CONCEPT
 IH-635 ELEVATED MAINLANES COLUMN / PEDESTRIAN BRIDGE
 SCALE: 1/8"=1'-0"



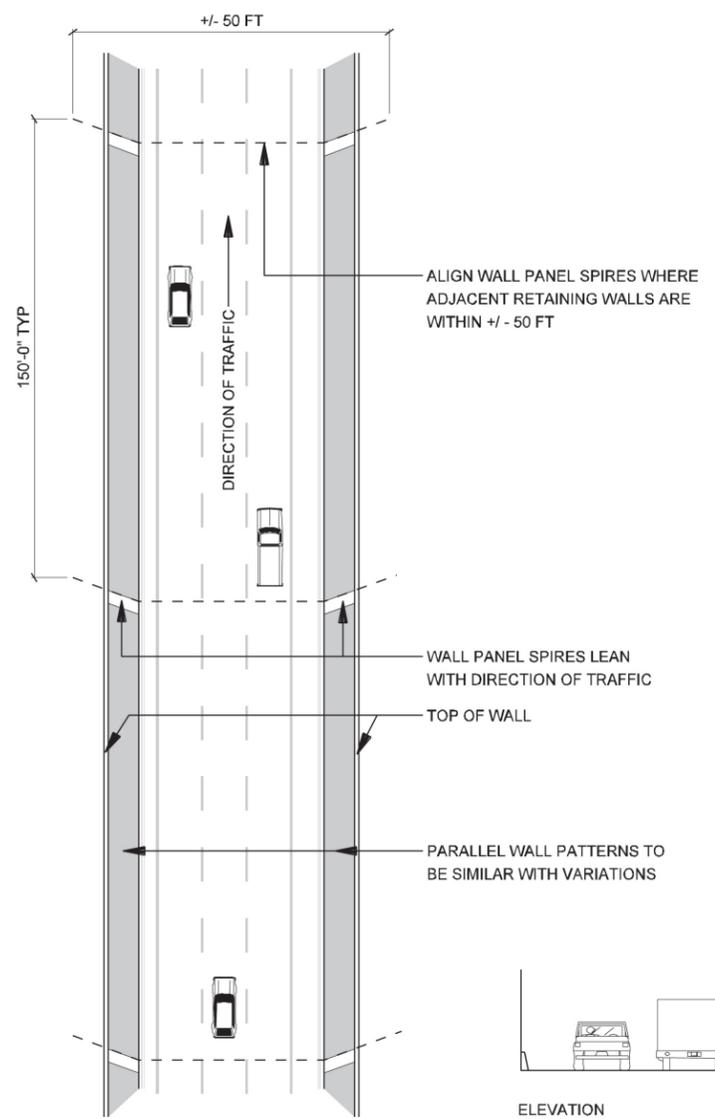
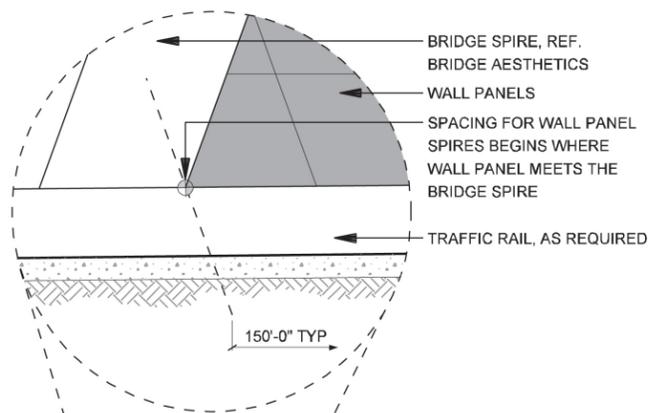
1 ELEVATION - COLOR CONCEPT
 IH-635 ELEVATED MAINLANES COLUMN / PEDESTRIAN BRIDGE
 SCALE: 1/8"=1'-0"

DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: BRIDGE AESTHETICS	ATTACHMENT: RID	SHEET NUMBER: 1.11
---------------------	--------------------	--------------------------------------	--------------------	-----------------------

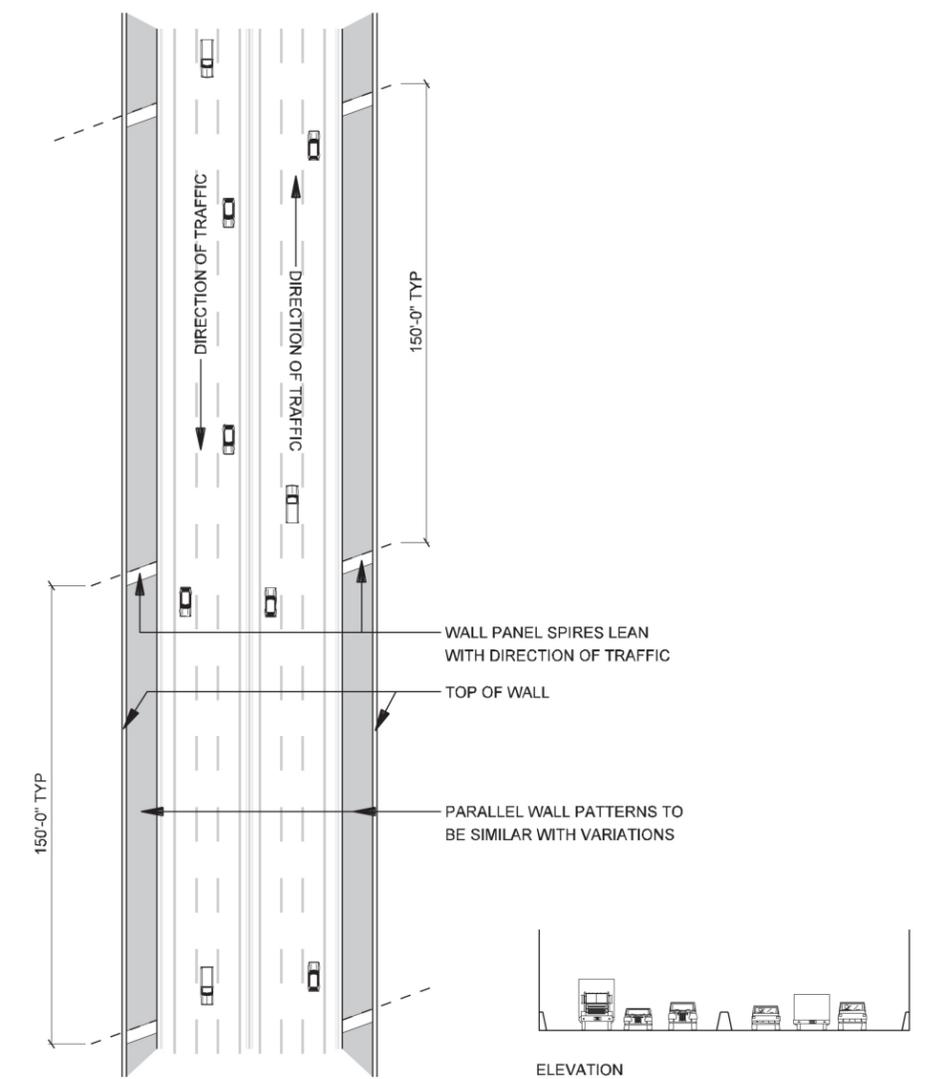


IH-635 RETAINING WALLS

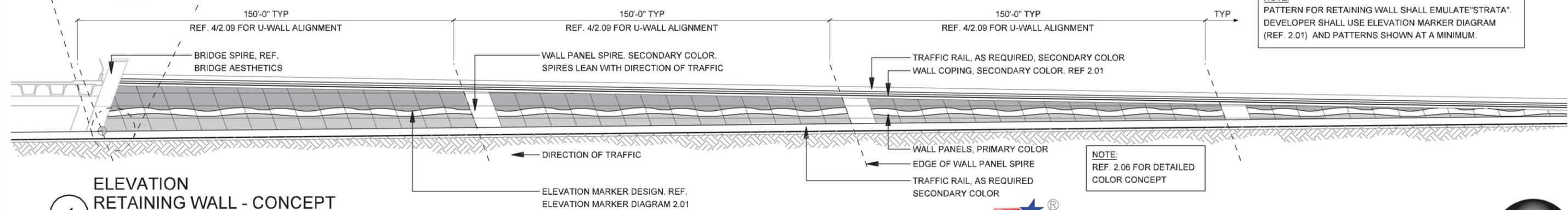
- NOTES:**
- PANELS ARE DESIGNED WITH THE FOLLOWING CRITERIA:
 - DESIGN IS BASED ON A 5' x 10' (50 SF), DEVELOPER SHALL CHOOSE ULTIMATE PANEL SIZE
 - DEVELOPER SHALL CHOOSE EITHER STACKED OR STAGARD PANELS SYTEMS
 - PANEL DESIGNED AT 20 DEGREES SKEWED
 - DEVELOPER IS RESPONSIBLE FOR PROVIDING DETAILED DRAWINGS THAT FOLLOW DESIGN INTENT IF ANOTHER METHOD OF CONSTRUCTION IS TO BE USED.
 - DEVELOPER SHALL ENSURE DIMENSIONS SHOWN ARE ADEQUATE FOR STRUCTURAL STABILITY. ANY MODIFICATIONS WILL REQUIRE APPROVAL.



3 BIRD'S EYE PLAN
RETAINING WALL ALIGNMENT - ALL WALLS
SCALE: N.T.S.



2 BIRD'S EYE PLAN
RETAINING WALL ALIGNMENT - ALL WALLS
SCALE: N.T.S.



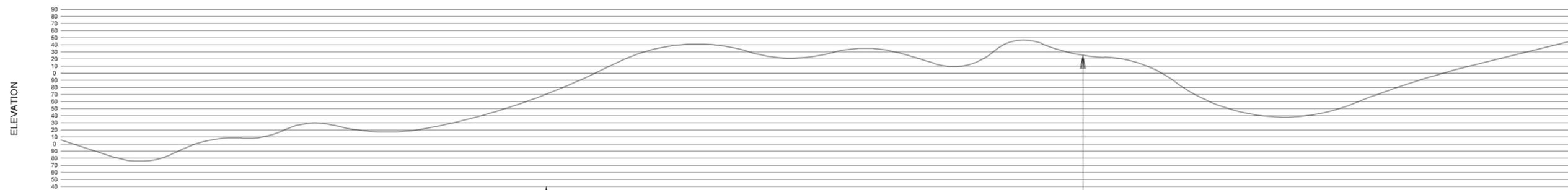
1 ELEVATION
RETAINING WALL - CONCEPT
SCALE: 1"=40'-0"

NOTE:
PATTERN FOR RETAINING WALL SHALL EMULATE "STRATA".
DEVELOPER SHALL USE ELEVATION MARKER DIAGRAM
(REF. 2.01) AND PATTERNS SHOWN AT A MINIMUM.



NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

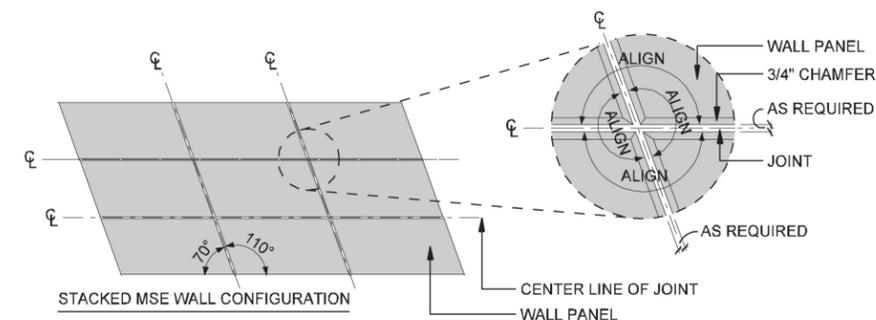
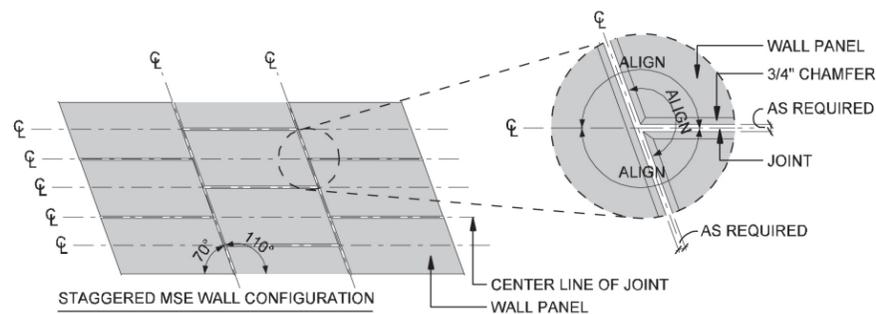
DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: IH-635 RETAINING WALLS	ATTACHMENT: RID	SHEET NUMBER: 2.00
---------------------	--------------------	---	--------------------	-----------------------



SECTION 3 ELEVATION MARKER DIAGRAM

SCALE: N.T.S.

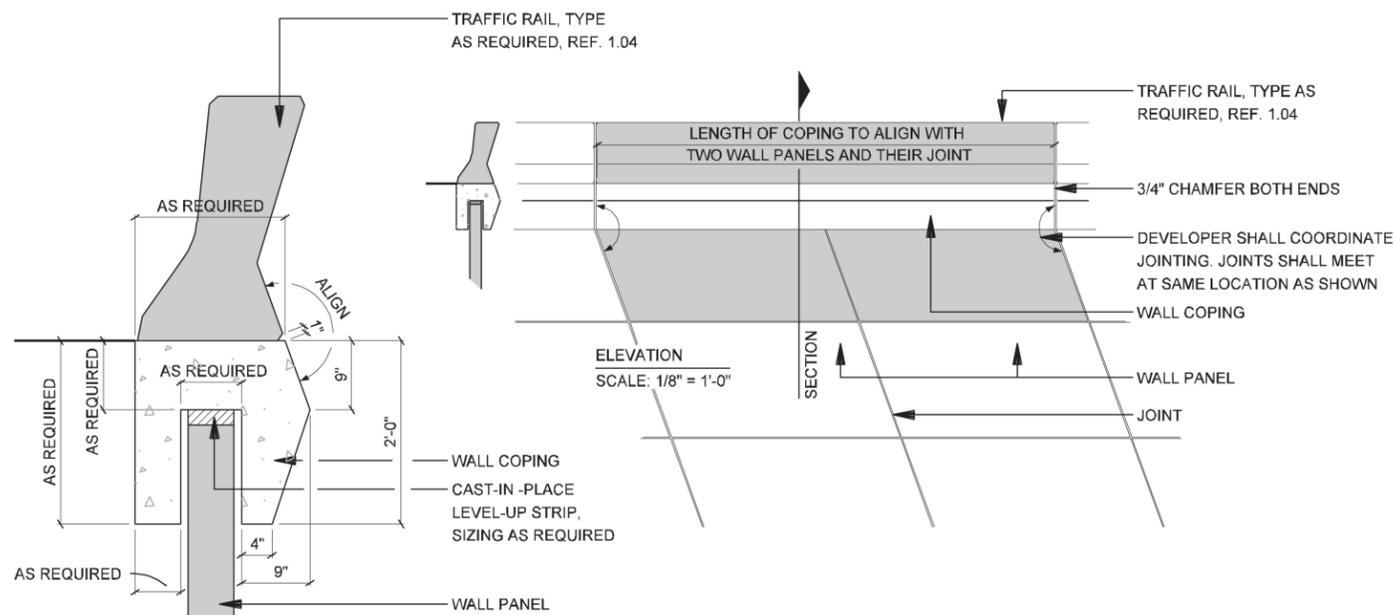
ELEVATION MARKER PANELS OCCUR EVERY 10 FEET IN ELEVATION PER THE NORTH AMERICAN DATUM OF 1983



NOTE: DEVELOPER SHALL CHOOSE ONE CONFIGURATION TYPE FOR CORRIDOR

SECTION 2 ELEVATION WALL PANEL CONFIGURATION

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



SECTION 1 WALL COPING, TYP.

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

NOTES:

1. PANELS ARE DESIGNED WITH THE FOLLOWING CRITERIA:
 - A. DESIGN IS BASED ON A 5' x 10' (50 SF), DEVELOPER SHALL CHOOSE ULTIMATE PANEL SIZE
 - B. DEVELOPER SHALL CHOOSE EITHER STACKED OR STAGGERED PANELS SYSTEMS
 - C. PANEL DESIGNED AT 20 DEGREES SKEWED
2. DEVELOPER IS RESPONSIBLE FOR PROVIDING DETAILED DRAWINGS THAT FOLLOW DESIGN INTENT IF ANOTHER METHOD OF CONSTRUCTION IS TO BE USED.
3. DEVELOPER SHALL ENSURE DIMENSIONS SHOWN ARE ADEQUATE FOR STRUCTURAL STABILITY. ANY MODIFICATIONS WILL REQUIRE APPROVAL.



IH635 MANAGED LANES PROJECT



NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

DATE:

12/07/2007

SCALE:

AS NOTED

SHEET CONTENTS:

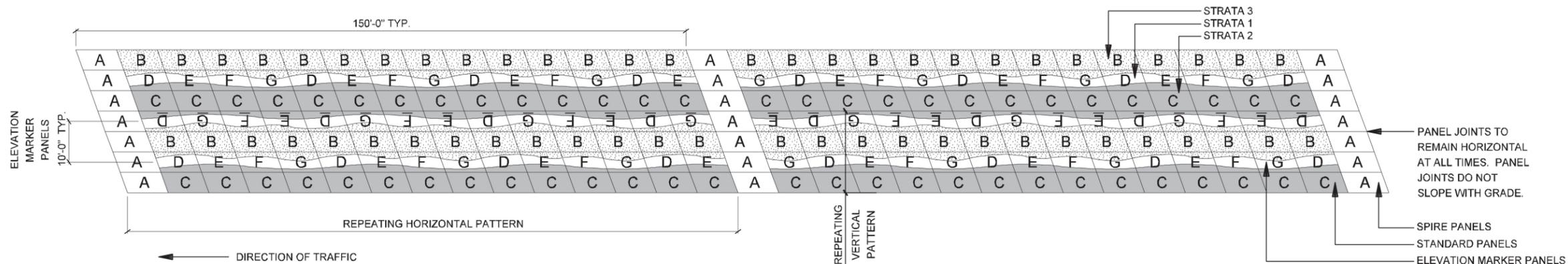
IH-635 RETAINING WALLS

ATTACHMENT:

RID

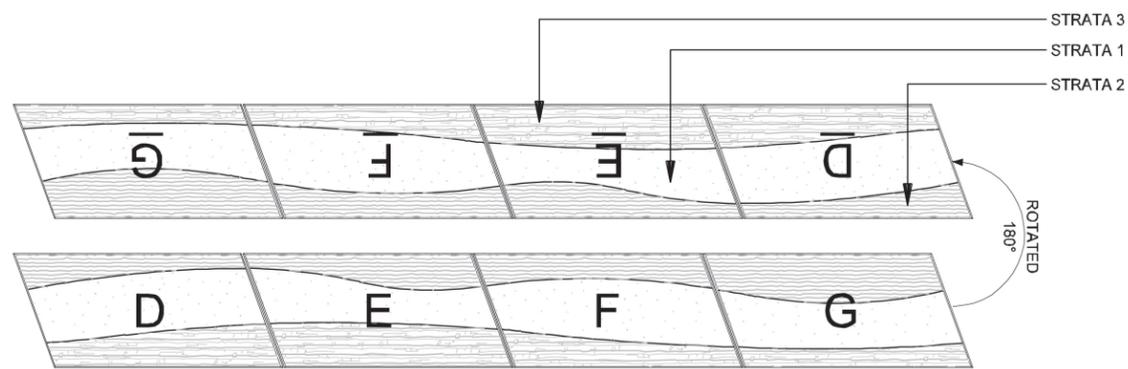
SHEET NUMBER:

2.01



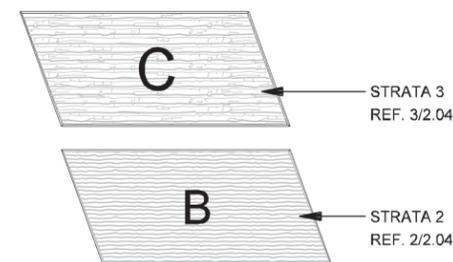
9 ELEVATION PATTERN CONCEPTS (Stacked MSE wall)

SCALE: 1"=30'-0"



3 ELEVATION MARKER PANELS (Stacked Pattern Only)

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



2 STANDARD PANELS

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



1 SPIRE PANEL

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

NOTES:

- PANELS ARE DESIGNED WITH THE FOLLOWING CRITERIA:
 A. DESIGN IS BASED ON A 5' x 10' (50 SF), DEVELOPER SHALL CHOOSE ULTIMATE PANEL SIZE
 B. DEVELOPER SHALL CHOOSE EITHER STACKED OR STAGGERED PANELS SYSTEMS
 C. PANEL DESIGNED AT 20 DEGREES SKEWED
- DEVELOPER IS RESPONSIBLE FOR PROVIDING DETAILED DRAWINGS THAT FOLLOW DESIGN INTENT IF ANOTHER METHOD OF CONSTRUCTION IS TO BE USED.
- DEVELOPER SHALL ENSURE DIMENSIONS SHOWN ARE ADEQUATE FOR STRUCTURAL STABILITY. ANY MODIFICATIONS WILL REQUIRE APPROVAL.

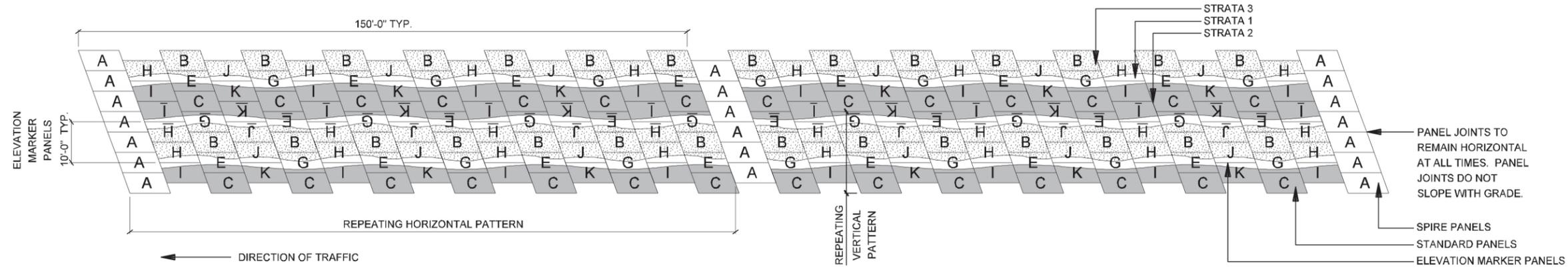


IH635 MANAGED LANES PROJECT

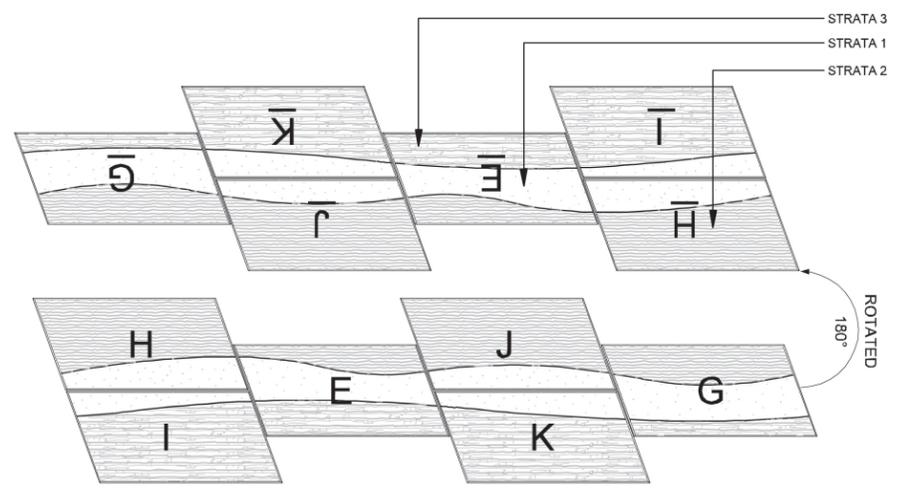


NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

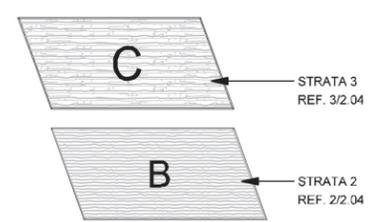
DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: IH-635 RETAINING WALLS	ATTACHMENT: RID	SHEET NUMBER: 2.02
---------------------	--------------------	---	--------------------	-----------------------



10 ELEVATION PATTERN CONCEPTS (Staggered MSE wall)
SCALE: 1"=30'-0"



3 ELEVATION MARKER PANELS (Staggered Pattern Only)
SCALE: 1/8"=1'-0"



2 STANDARD PANELS
SCALE: 1/8"=1'-0"



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

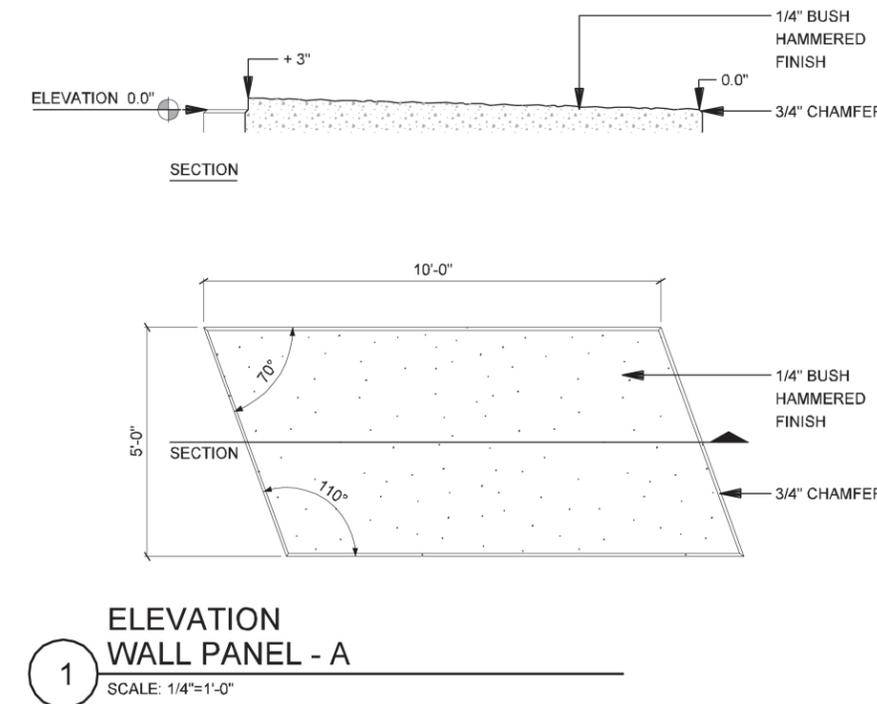
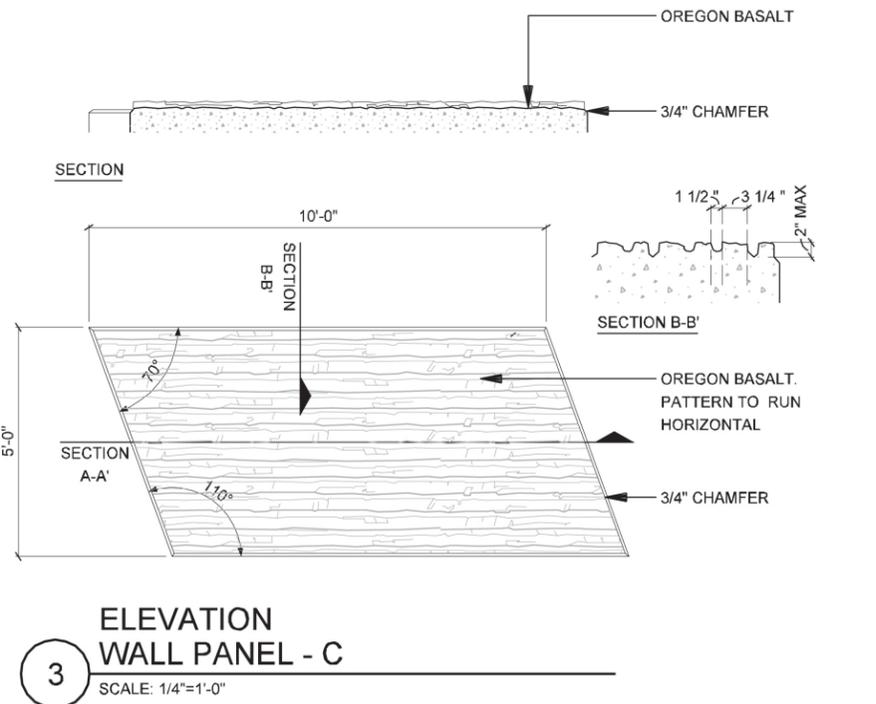
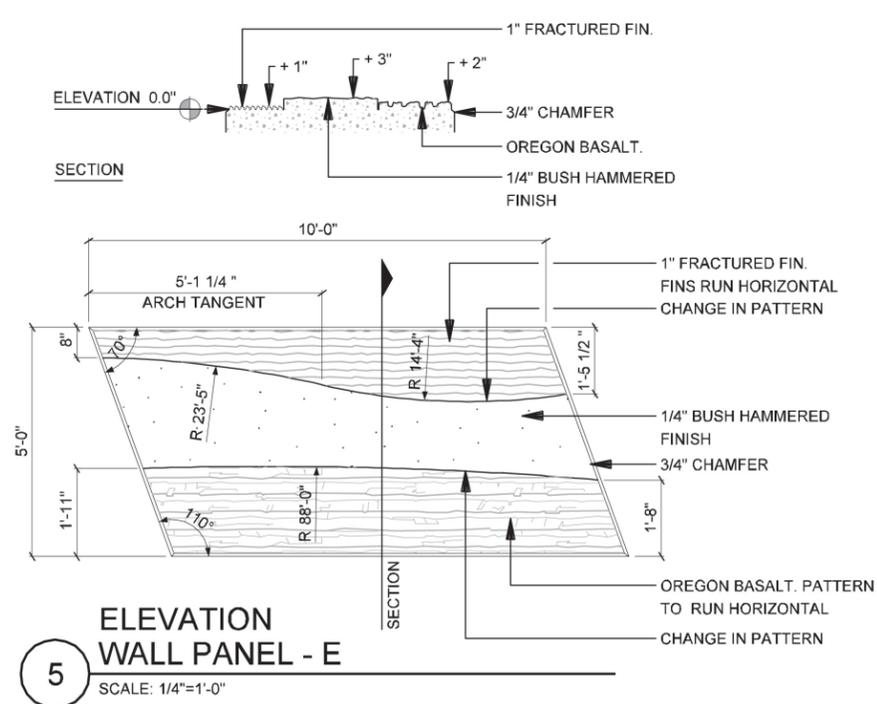
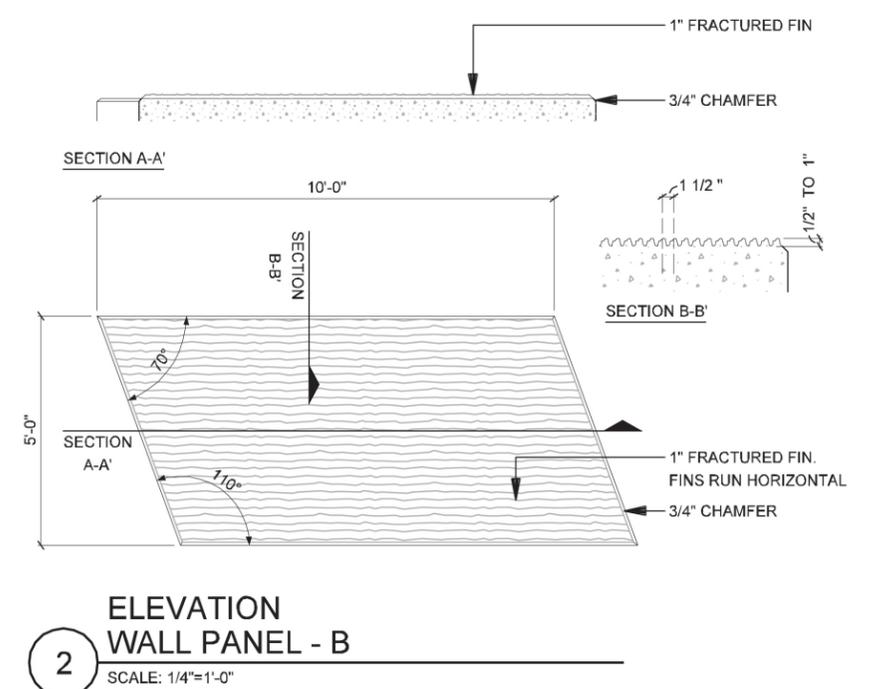
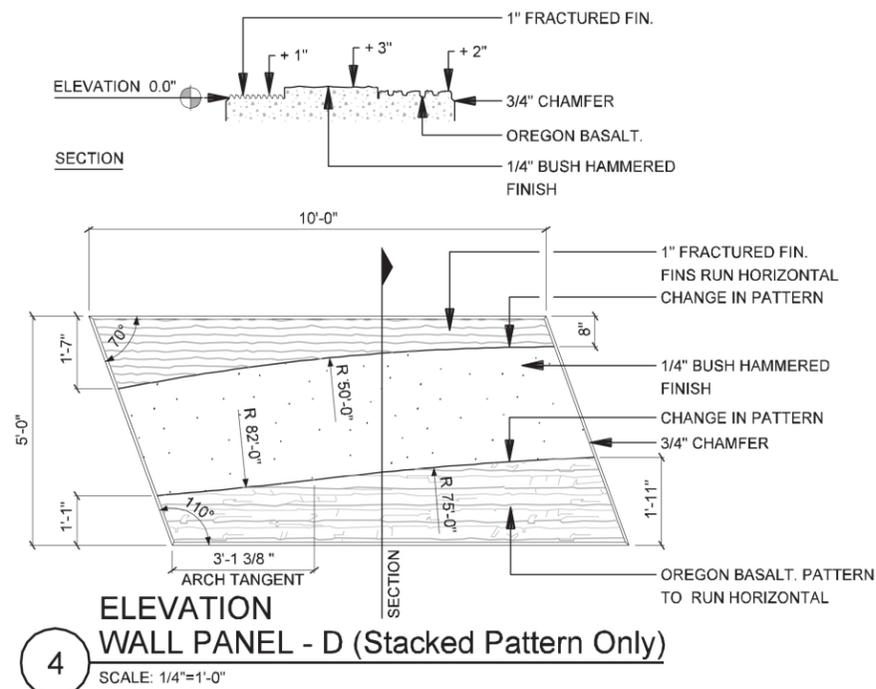
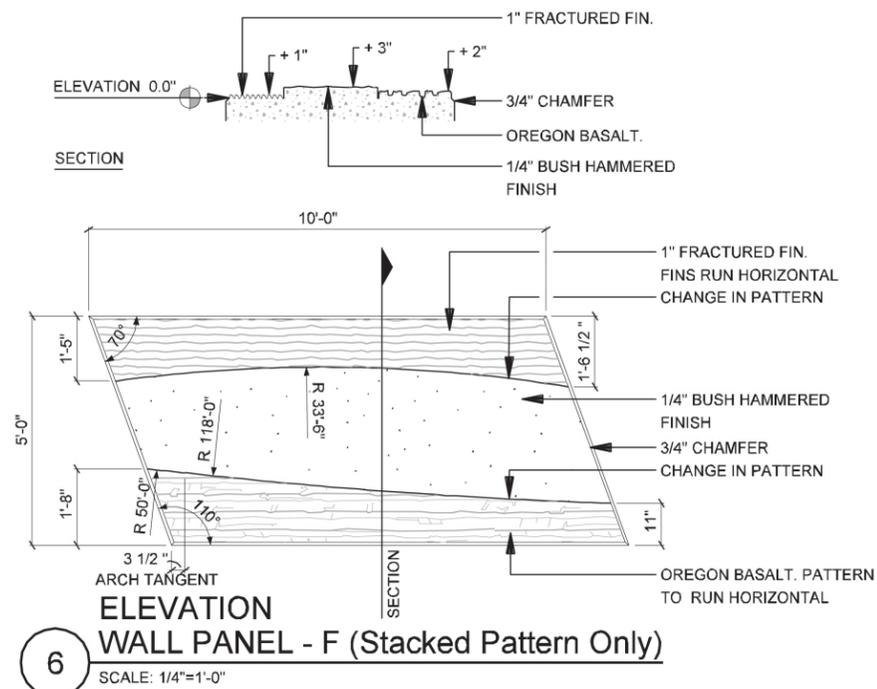
NOTES:

1. PANELS ARE DESIGNED WITH THE FOLLOWING CRITERIA:
 A. DESIGN IS BASED ON A 5' x 10' (50 SF), DEVELOPER SHALL CHOOSE ULTIMATE PANEL SIZE
 B. DEVELOPER SHALL CHOOSE EITHER STACKED OR STAGGERED PANELS SYSTEMS
 C. PANEL DESIGNED AT 20 DEGREES SKEWED
2. DEVELOPER IS RESPONSIBLE FOR PROVIDING DETAILED DRAWINGS THAT FOLLOW DESIGN INTENT IF ANOTHER METHOD OF CONSTRUCTION IS TO BE USED.
3. DEVELOPER SHALL ENSURE DIMENSIONS SHOWN ARE ADEQUATE FOR STRUCTURAL STABILITY. ANY MODIFICATIONS WILL REQUIRE APPROVAL.



NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: IH-635 RETAINING WALLS	ATTACHMENT: RID	SHEET NUMBER: 2.03
---------------------	--------------------	---	--------------------	------------------------------



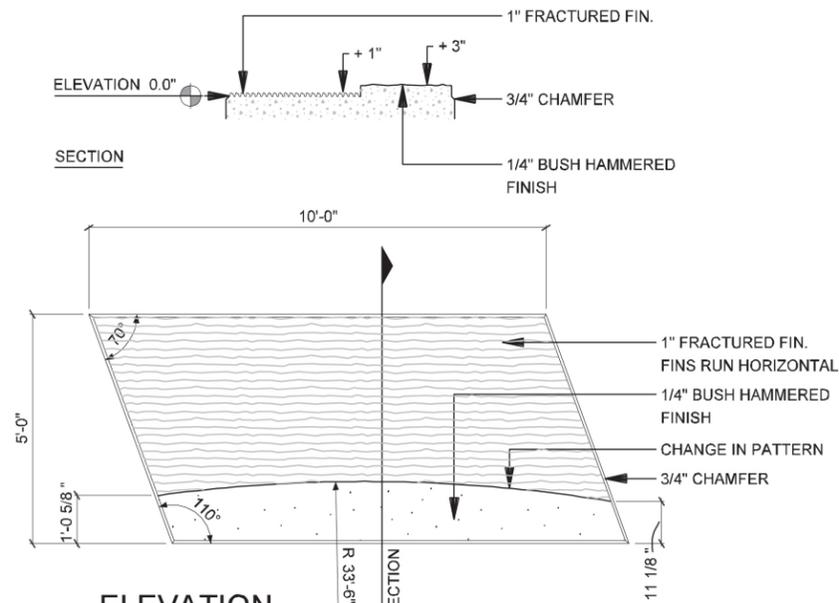
NOTES:

- PANELS ARE DESIGNED WITH THE FOLLOWING CRITERIA:
A. DESIGN IS BASED ON A 5' x 10' (50 SF), DEVELOPER SHALL CHOOSE ULTIMATE PANEL SIZE
B. DEVELOPER SHALL CHOOSE EITHER STACKED OR STAGGERED PANELS SYSTEMS
C. PANEL DESIGNED AT 20 DEGREES SKEWED
- DEVELOPER IS RESPONSIBLE FOR PROVIDING DETAILED DRAWINGS THAT FOLLOW DESIGN INTENT IF ANOTHER METHOD OF CONSTRUCTION IS TO BE USED.
- DEVELOPER SHALL ENSURE DIMENSIONS SHOWN ARE ADEQUATE FOR STRUCTURAL STABILITY. ANY MODIFICATIONS WILL REQUIRE APPROVAL.

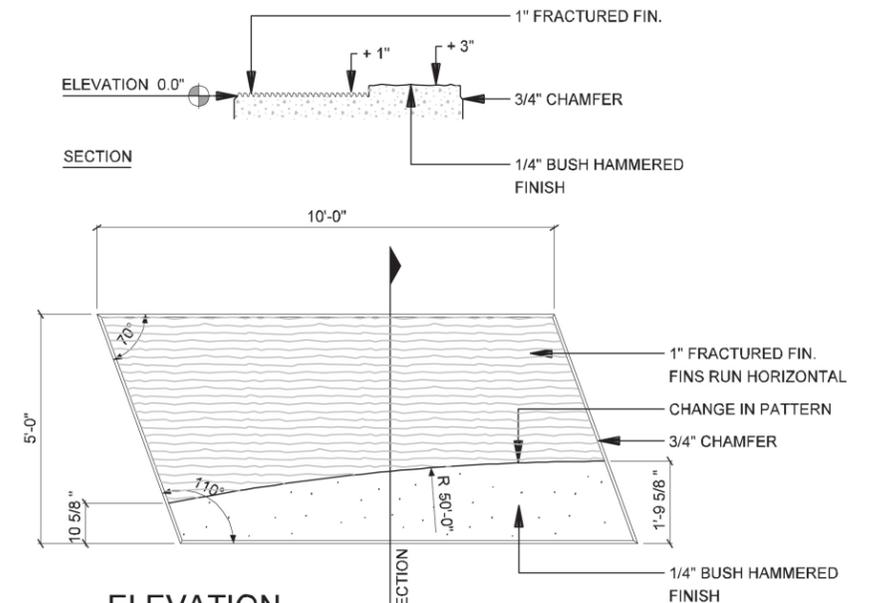


NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

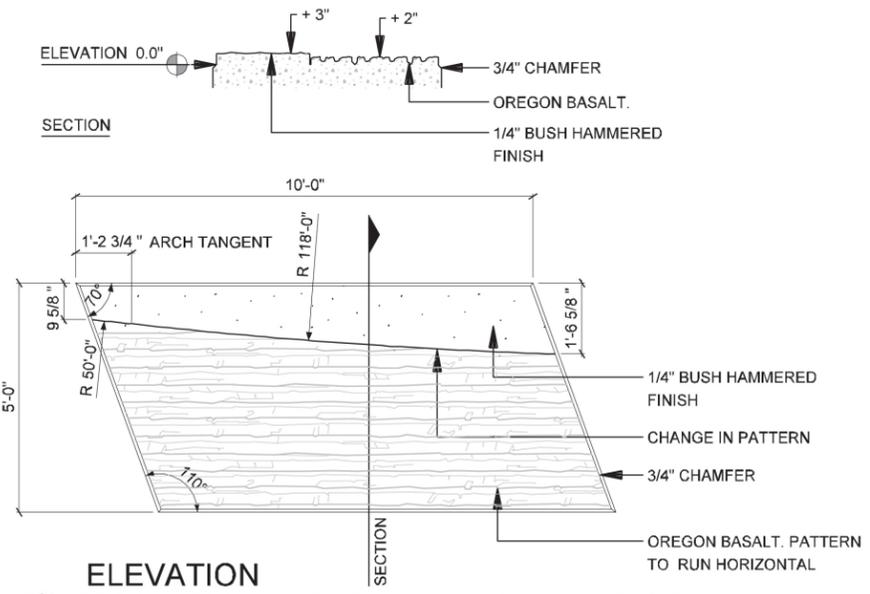
DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: IH-635 RETAINING WALLS	ATTACHMENT: RID	SHEET NUMBER: 2.04
---------------------	--------------------	---	--------------------	-----------------------



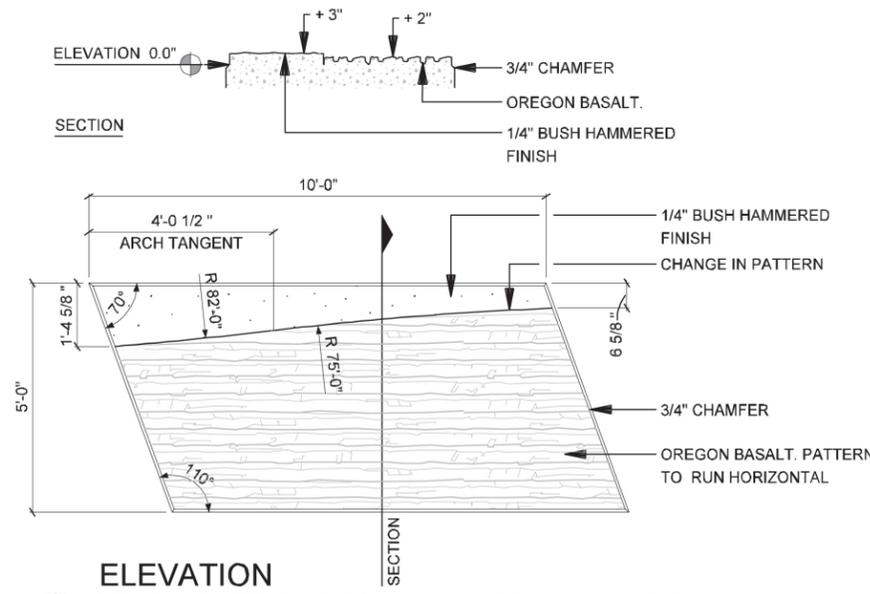
4 ELEVATION WALL PANEL - J (Staggered Pattern Only)
SCALE: 1/4"=1'-0"



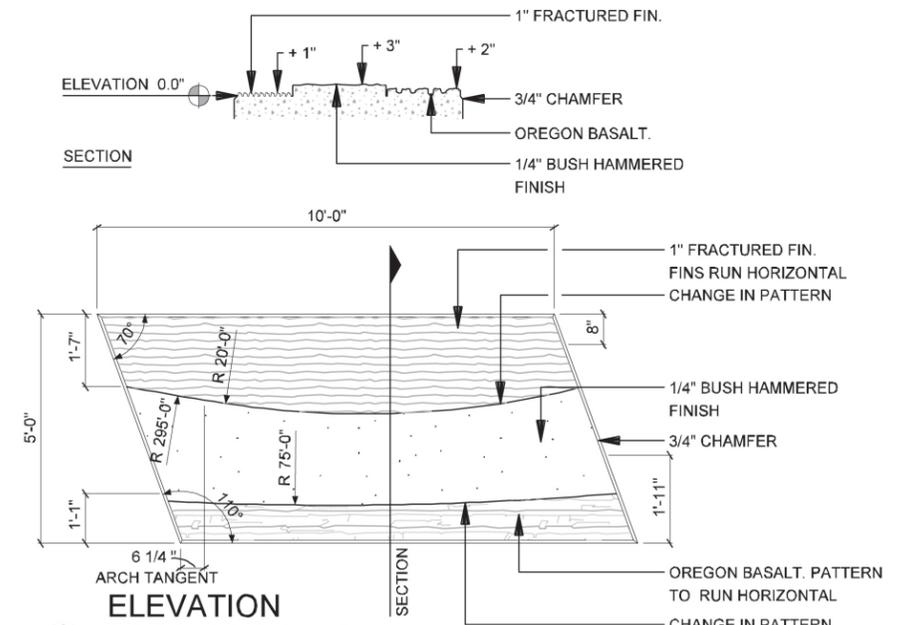
2 ELEVATION WALL PANEL - H (Staggered Pattern Only)
SCALE: 1/4"=1'-0"



5 ELEVATION WALL PANEL - K (Staggered Pattern Only)
SCALE: 1/4"=1'-0"



3 ELEVATION WALL PANEL - I (Staggered Pattern Only)
SCALE: 1/4"=1'-0"



1 ELEVATION WALL PANEL - G
SCALE: 1/4"=1'-0"

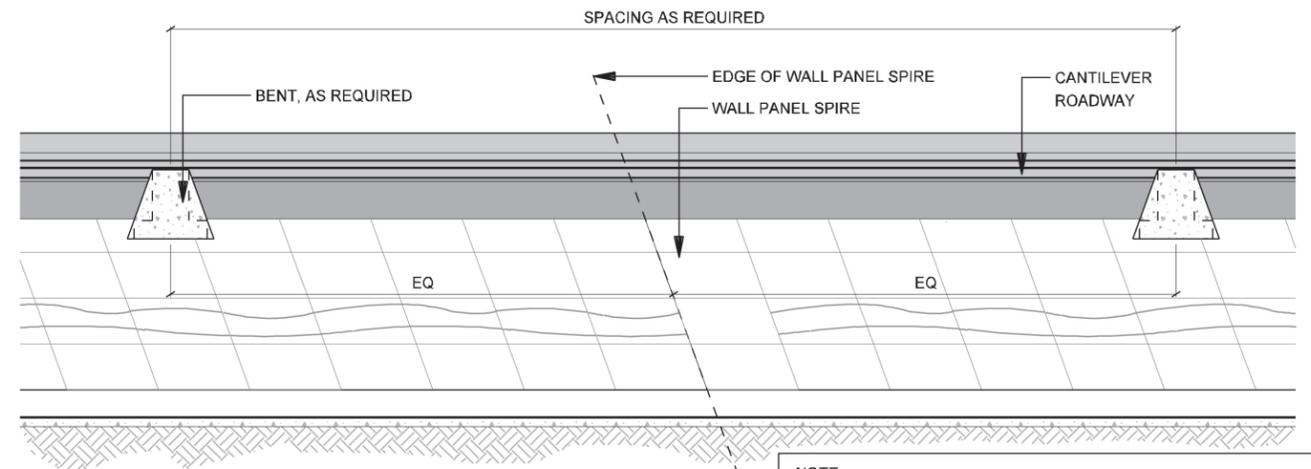
NOTES:

- PANELS ARE DESIGNED WITH THE FOLLOWING CRITERIA:
A. DESIGN IS BASED ON A 5' x 10' (50 SF), DEVELOPER SHALL CHOOSE ULTIMATE PANEL SIZE
B. DEVELOPER SHALL CHOOSE EITHER STACKED OR STAGGERED PANELS SYSTEMS
C. PANEL DESIGNED AT 20 DEGREES SKEWED
- DEVELOPER IS RESPONSIBLE FOR PROVIDING DETAILED DRAWINGS THAT FOLLOW DESIGN INTENT IF ANOTHER METHOD OF CONSTRUCTION IS TO BE USED.
- DEVELOPER SHALL ENSURE DIMENSIONS SHOWN ARE ADEQUATE FOR STRUCTURAL STABILITY. ANY MODIFICATIONS WILL REQUIRE APPROVAL.



NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: IH-635 RETAINING WALLS	ATTACHMENT: RID	SHEET NUMBER: 2.05
---------------------	--------------------	---	--------------------	-----------------------



1 U-WALL ELEVATION
SCALE: 1"=20'-0"

NOTE:
WALL PANEL SPIRE ALIGNMENT SHALL CONFORM TO DETAIL 1/2.00.
THE 150'-0" TYPICAL SPACING SHALL GOVERN THE GENERAL LOCATION OF THE SPIRE WITH FINE ADJUSTMENTS MADE TO INCORPORATE EQUAL SPACING BETWEEN BENTS

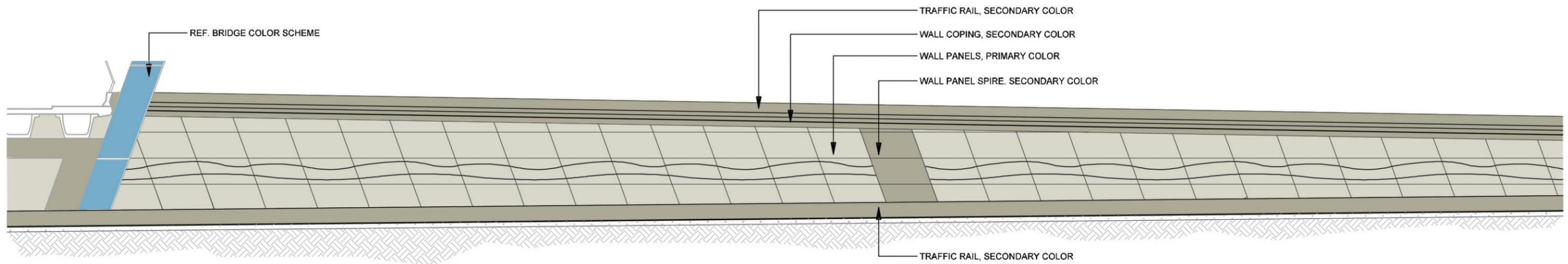
NOTES:

1. PANELS ARE DESIGNED WITH THE FOLLOWING CRITERIA:
A. DESIGN IS BASED ON A 5' x 10' (50 SF), DEVELOPER SHALL CHOOSE ULTIMATE PANEL SIZE
B. DEVELOPER SHALL CHOOSE EITHER STACKED OR STAGGERED PANELS SYSTEMS
C. PANEL DESIGNED AT 20 DEGREES SKEWED
2. DEVELOPER IS RESPONSIBLE FOR PROVIDING DETAILED DRAWINGS THAT FOLLOW DESIGN INTENT IF ANOTHER METHOD OF CONSTRUCTION IS TO BE USED.
3. DEVELOPER SHALL ENSURE DIMENSIONS SHOWN ARE ADEQUATE FOR STRUCTURAL STABILITY. ANY MODIFICATIONS WILL REQUIRE APPROVAL.



NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: IH-635 RETAINING WALLS	ATTACHMENT: RID	SHEET NUMBER: 2.06
---------------------	--------------------	---	--------------------	-----------------------

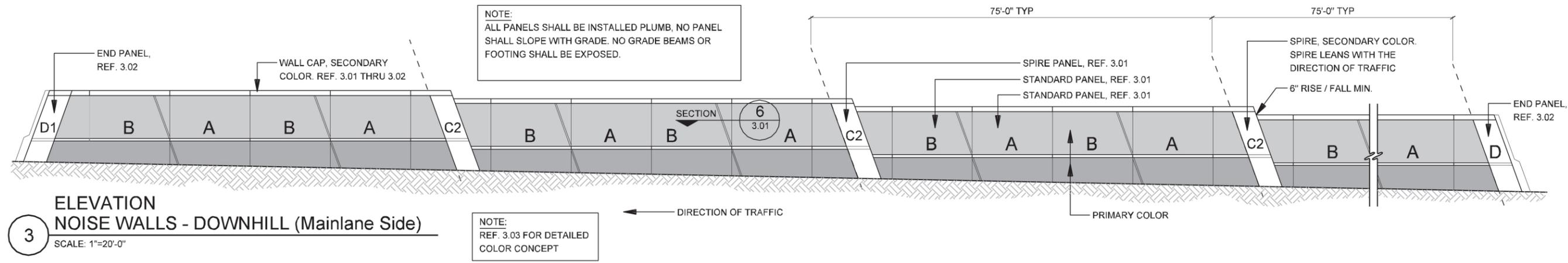


1 ELEVATION
RETAINING WALL - COLOR CONCEPT
SCALE: 1"=20'-0"

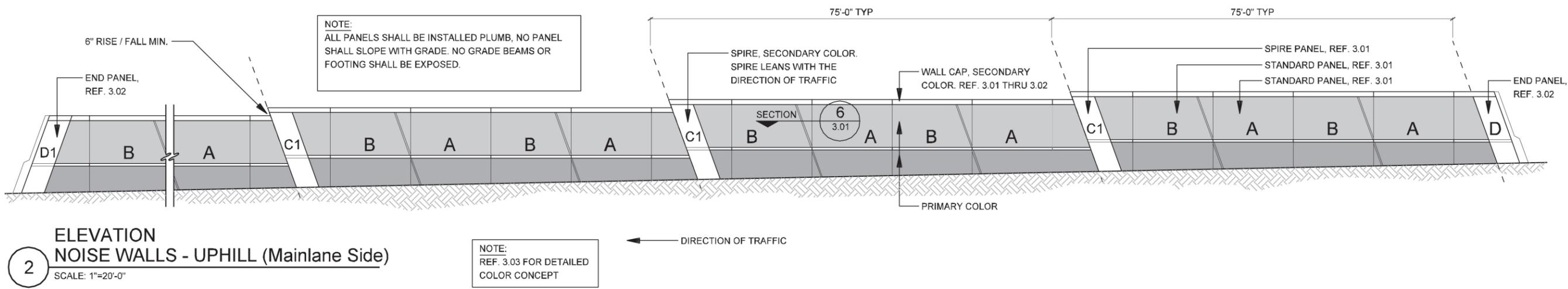
DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: IH-635 RETAINING WALLS	ATTACHMENT: RID	SHEET NUMBER: 2.07
---------------------	--------------------	--	--------------------	------------------------------



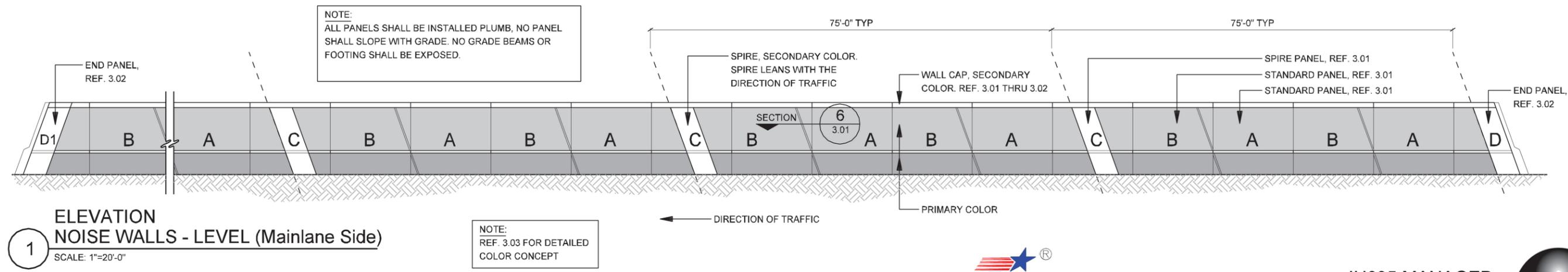
NOISE WALLS



3 ELEVATION NOISE WALLS - DOWNHILL (Mainlane Side)
SCALE: 1"=20'-0"



2 ELEVATION NOISE WALLS - UPHILL (Mainlane Side)
SCALE: 1"=20'-0"

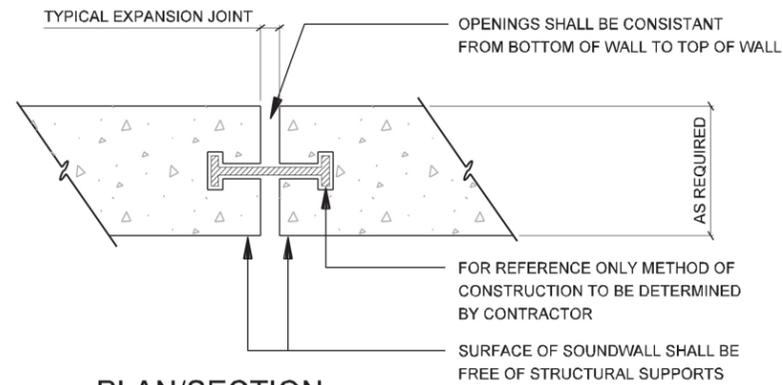


1 ELEVATION NOISE WALLS - LEVEL (Mainlane Side)
SCALE: 1"=20'-0"

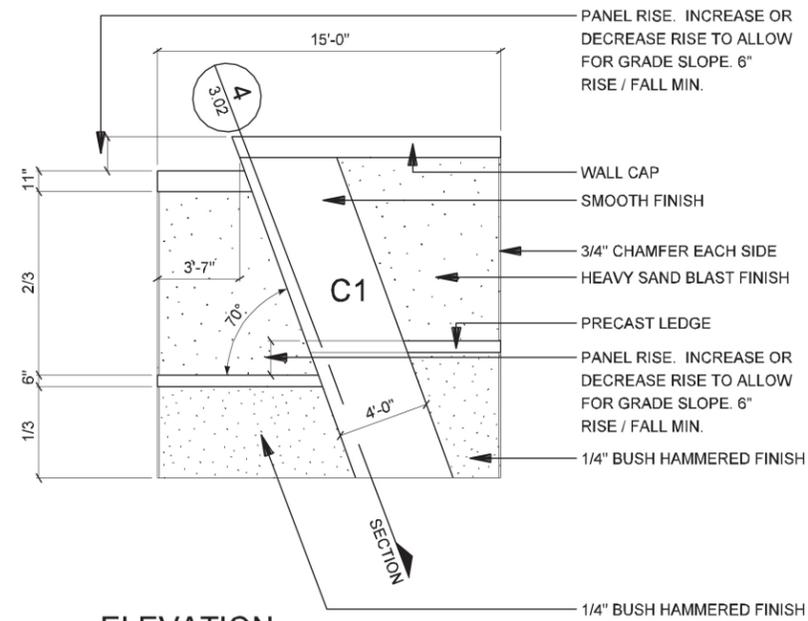


NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

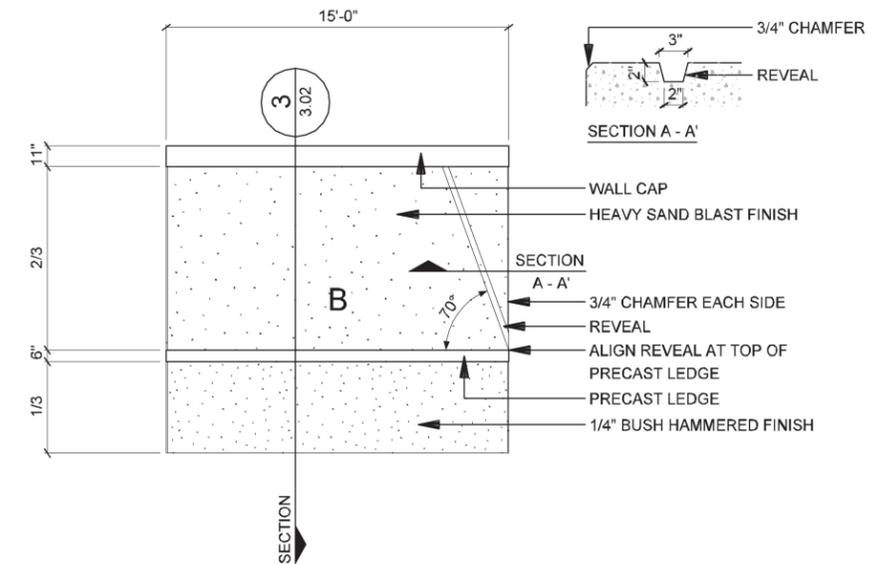
DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: NOISE WALLS	ATTACHMENT: RID	SHEET NUMBER: 3.00
---------------------	--------------------	--------------------------------	--------------------	------------------------------



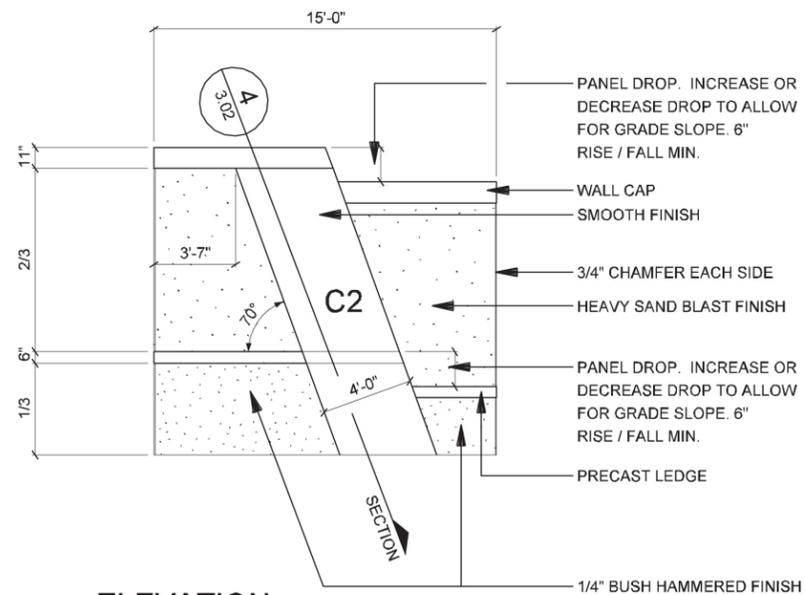
**6 PLAN/SECTION
PANEL CONNECTION**
SCALE: 1"=1'-0"



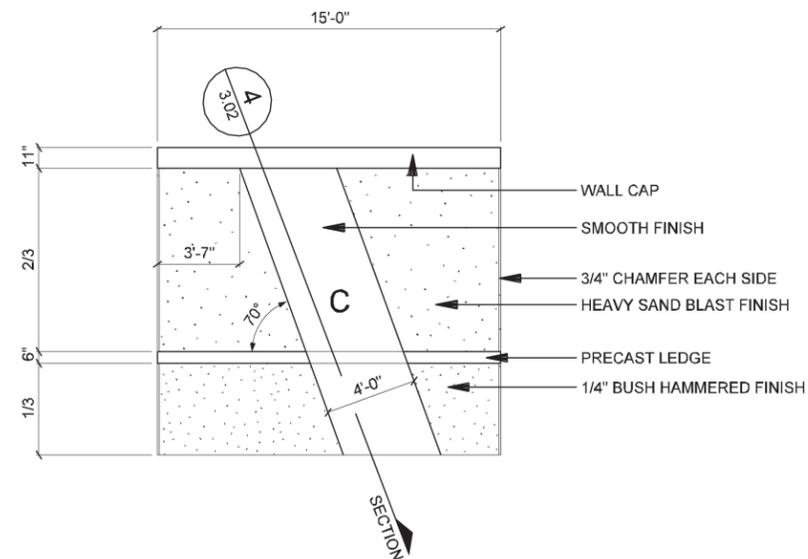
**4 ELEVATION
SPIRE WALL PANEL - C1**
SCALE: 1/8"=1'-0"



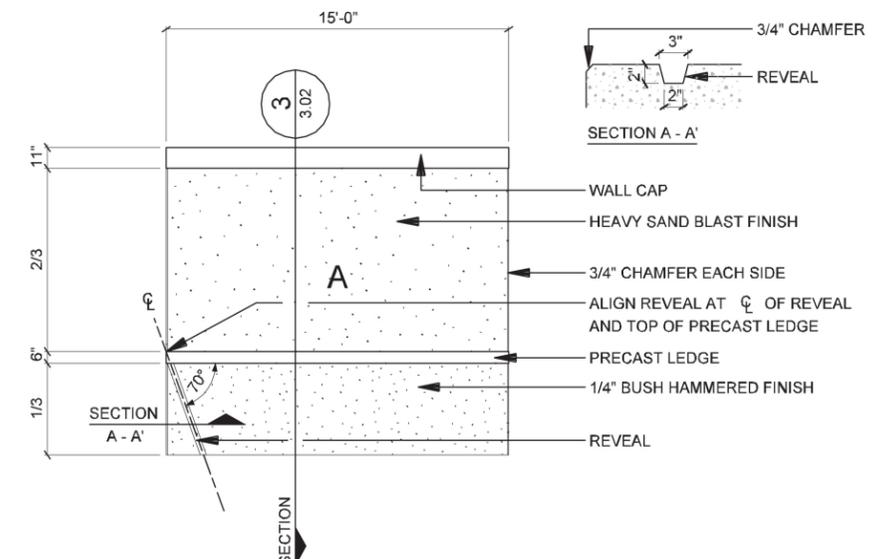
**2 ELEVATION
STANDARD WALL PANEL - B**
SCALE: 1/8"=1'-0"



**5 ELEVATION
SPIRE WALL PANEL - C2**
SCALE: 1/8"=1'-0"

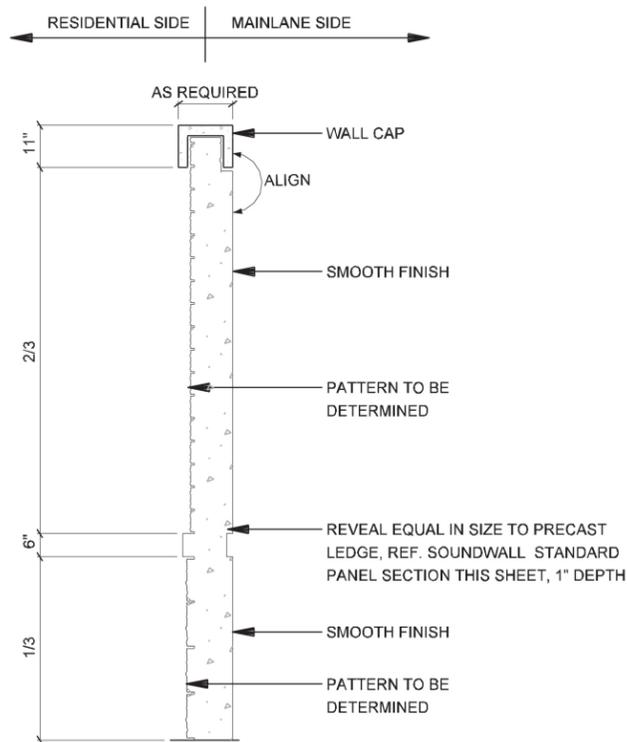


**3 ELEVATION
SPIRE WALL PANEL - C**
SCALE: 1/8"=1'-0"

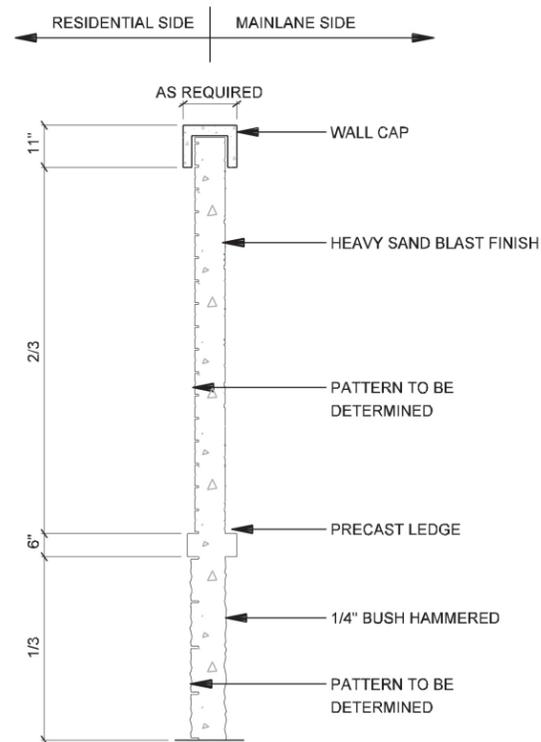


**1 ELEVATION
STANDARD WALL PANEL - A**
SCALE: 1/8"=1'-0"

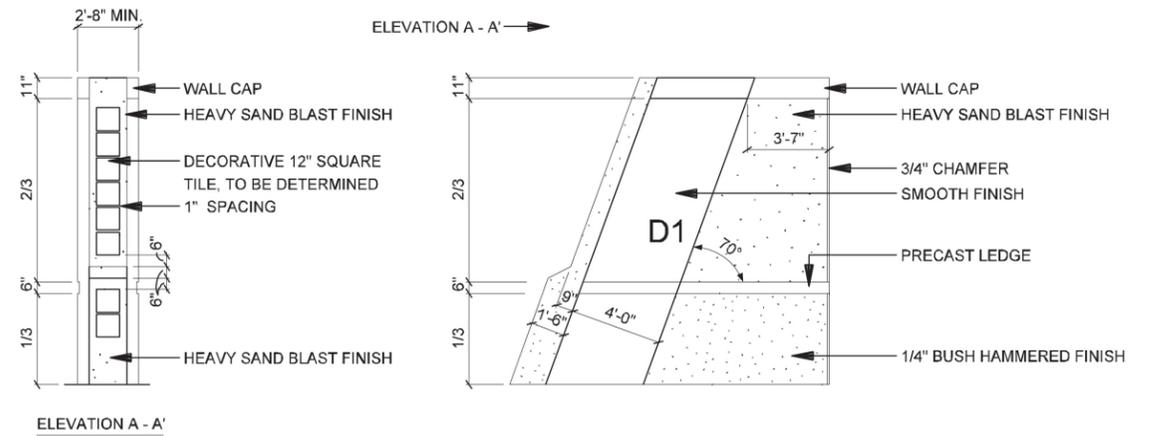
NOTE:
 DEVELOPER SHALL USE DESIGN SHOWN FOR MAINLANE SIDE OF NOISE WALL. DEVELOPER SHALL DETERMINE DESIGN FOR RESIDENTIAL SIDE BASED ON PUBLIC INPUT AND AGREEMENT. RID 3.01 REPRESENTS POTENTIAL / DESIRED LOOK FOR RESIDENTIAL SIDE



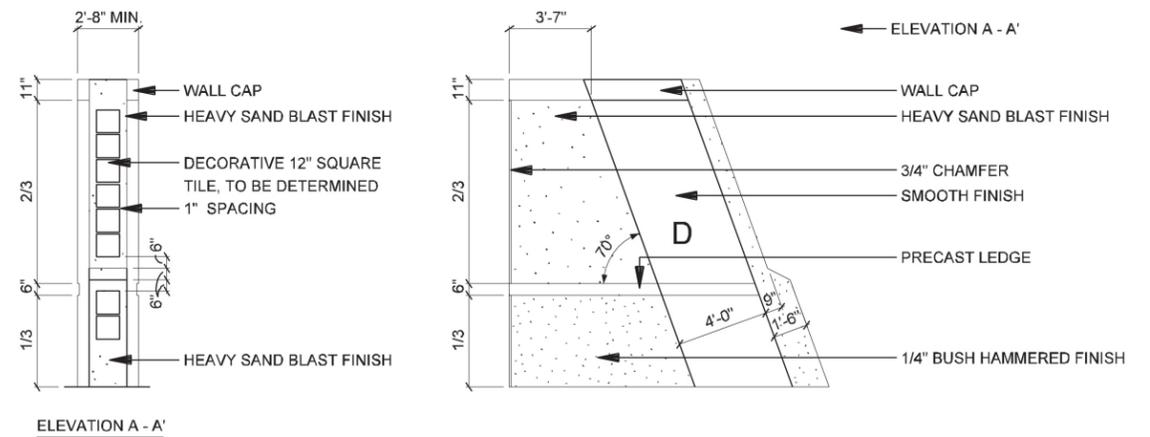
4 SECTION NOISE WALLS SPIRE PANEL
 SCALE: 1/4"=1'-0"



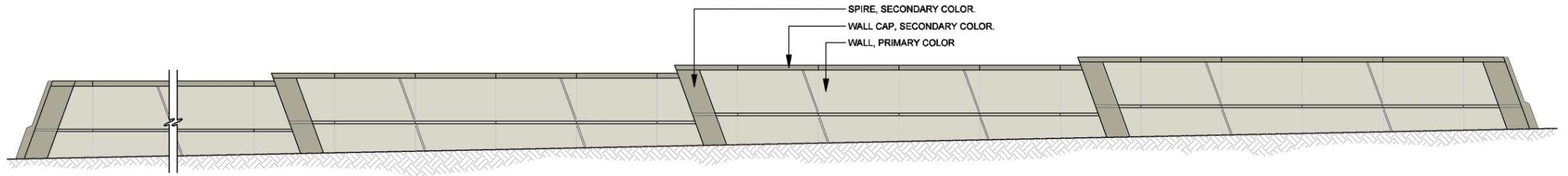
3 SECTION NOISE WALLS STANDARD PANEL
 SCALE: 1/4"=1'-0"



2 ELEVATION STANDARD WALL PANEL - D1 (Mirror of Panel D)
 SCALE: 1/8"=1'-0"

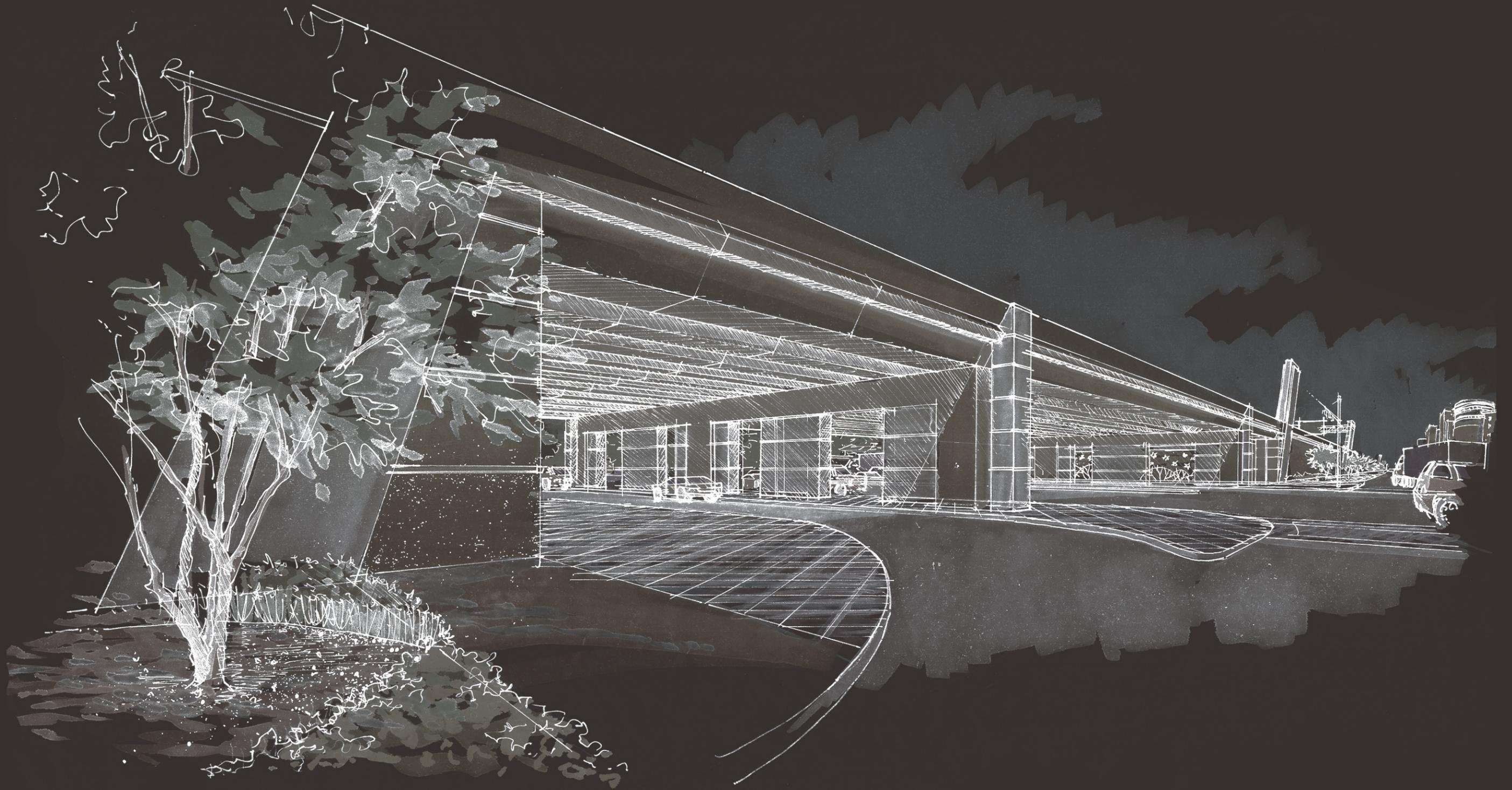


1 ELEVATION STANDARD WALL PANEL - D
 SCALE: 1/8"=1'-0"

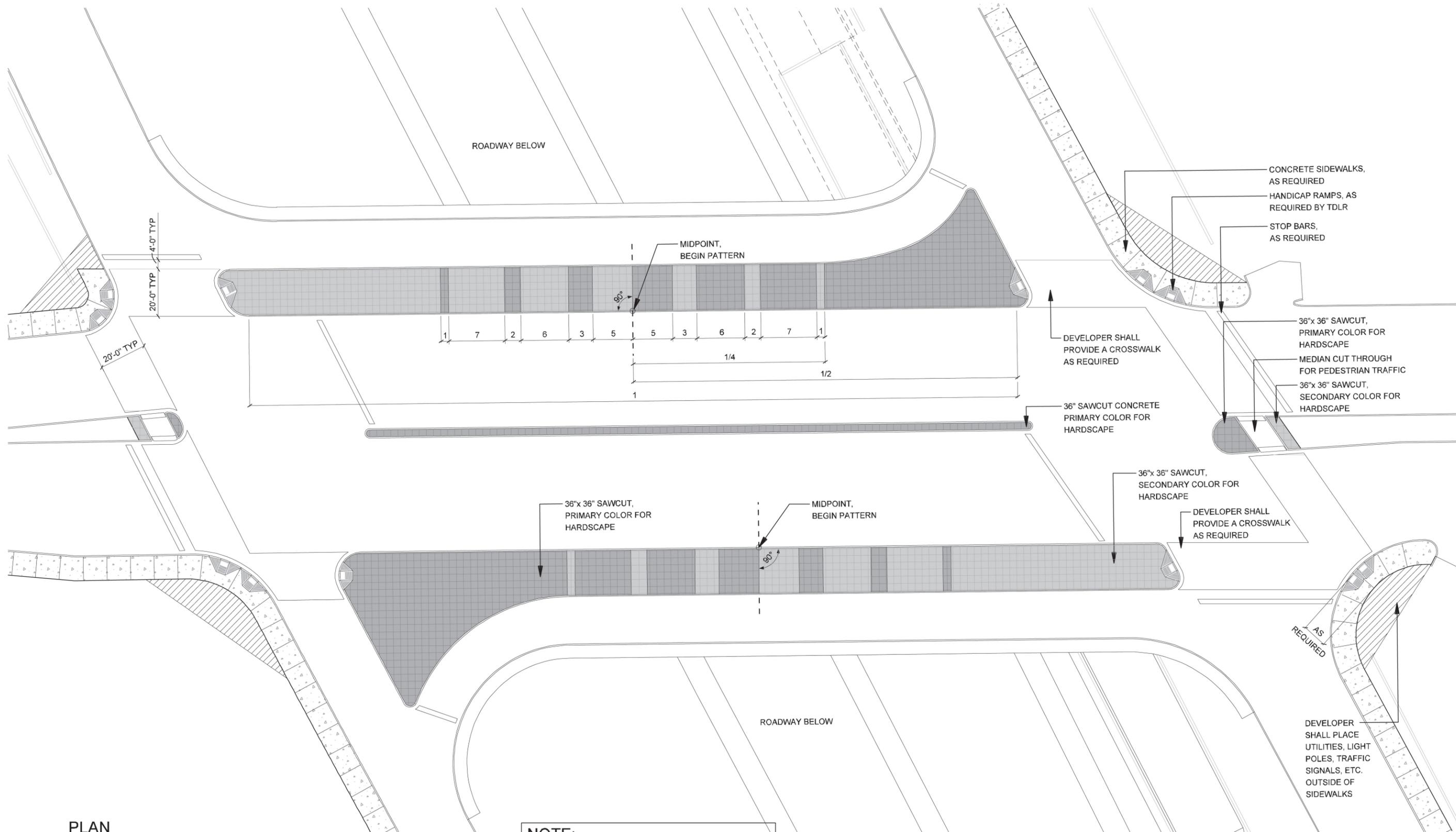


1 ELEVATION
 NOISE WALLS - COLOR CONCEPT
 SCALE: 1"=20'-0"

DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: NOISE WALLS	ATTACHMENT: RID	SHEET NUMBER: 3.03
---------------------	--------------------	--------------------------------	--------------------	-----------------------



HARDSCAPE



1 PLAN
PAVING - CROSS STREET UNDERPASS CONDITION
SCALE: 1"=40'-0"

NOTE:
REF. 0.03 FOR PAVING COLOR



NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

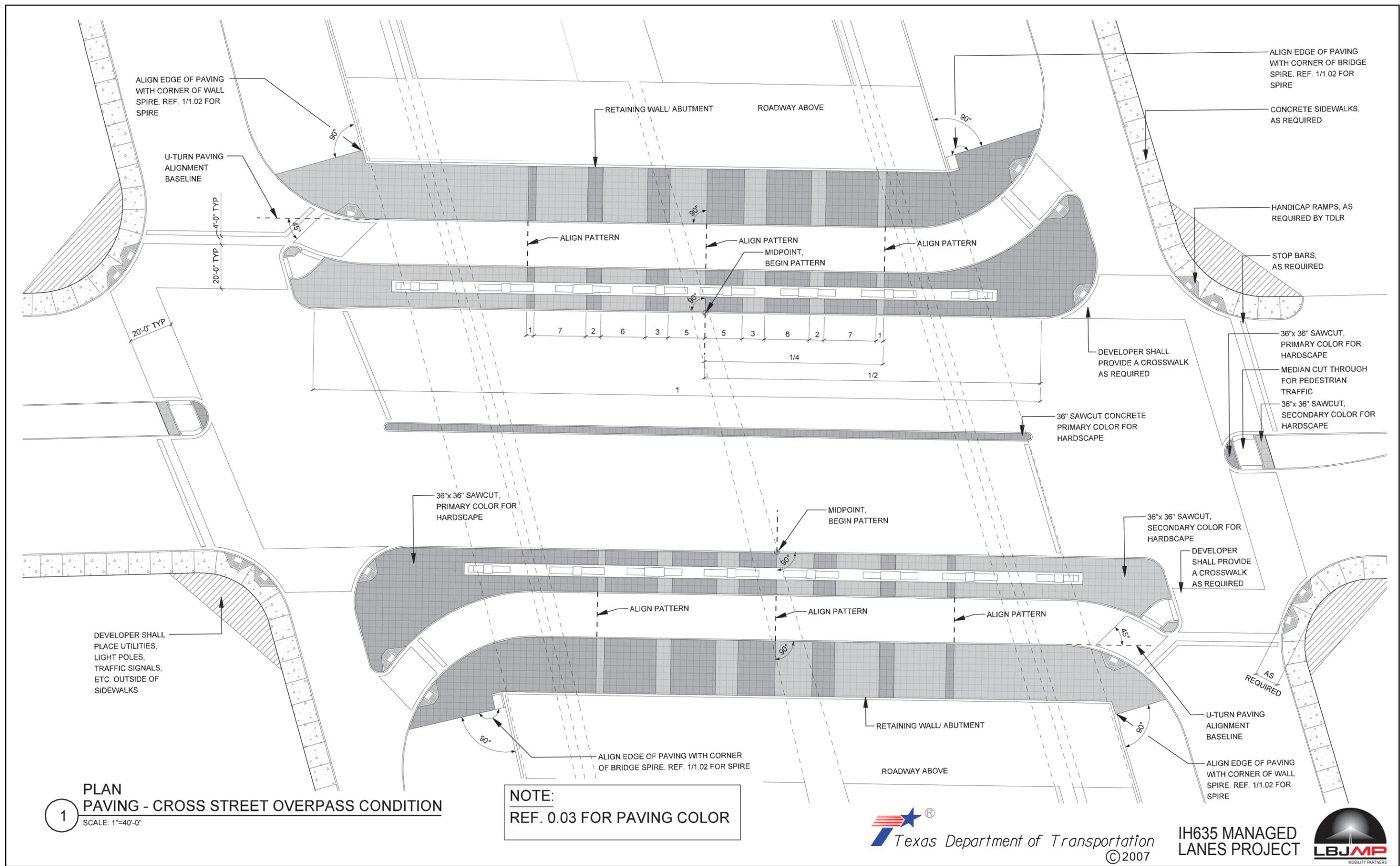
DATE:
12/07/2007

SCALE:
AS NOTED

SHEET CONTENTS:
HARDSCAPE PLAN

ATTACHMENT:
RID

SHEET NUMBER:
4.00



1 PLAN PAVING - CROSS STREET OVERPASS CONDITION
SCALE: 1"=40'-0"

NOTE:
REF. 0.03 FOR PAVING COLOR

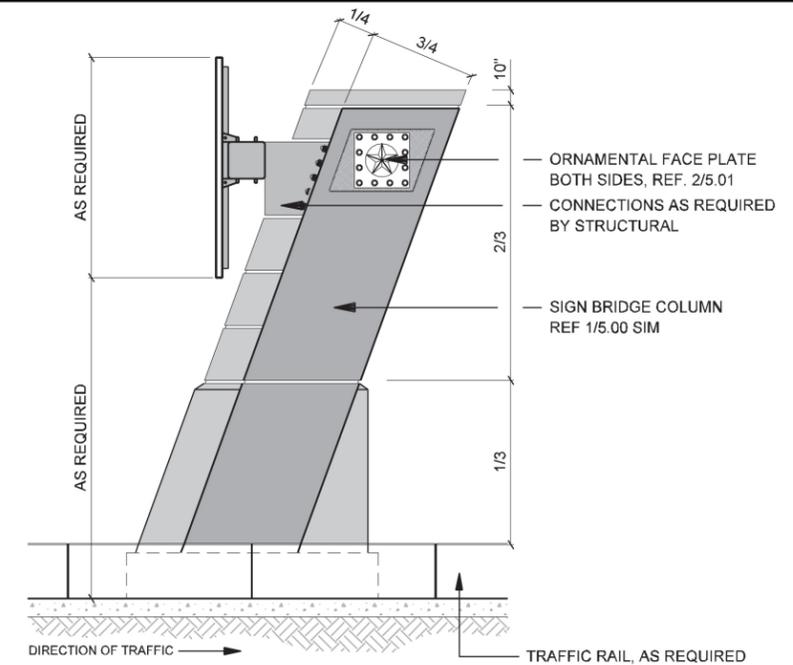


NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

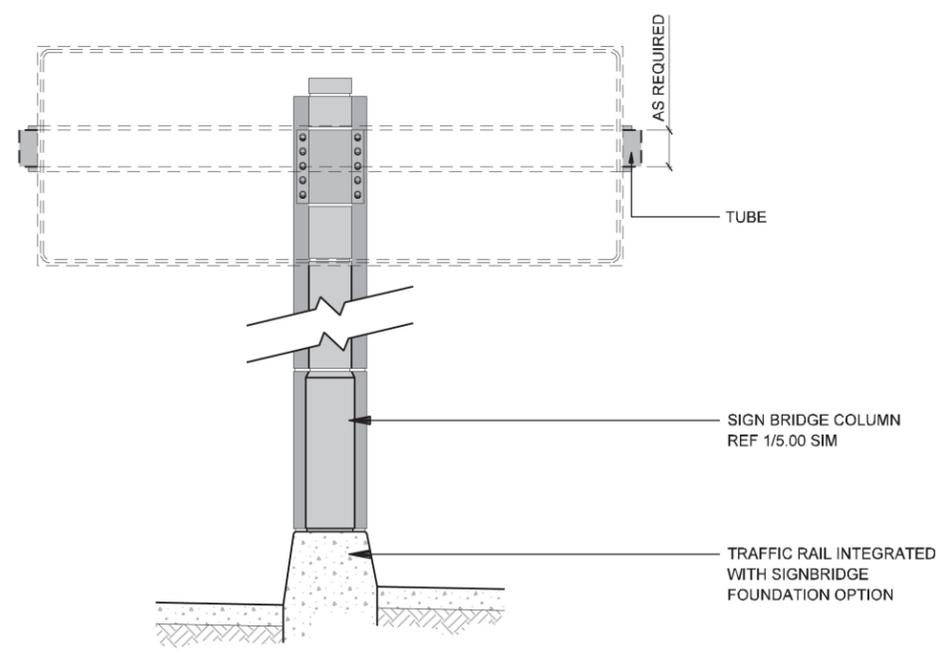
DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: HARDSCAPE PLAN	ATTACHMENT: RID	SHEET NUMBER: 4.01
---------------------	--------------------	-----------------------------------	--------------------	------------------------------



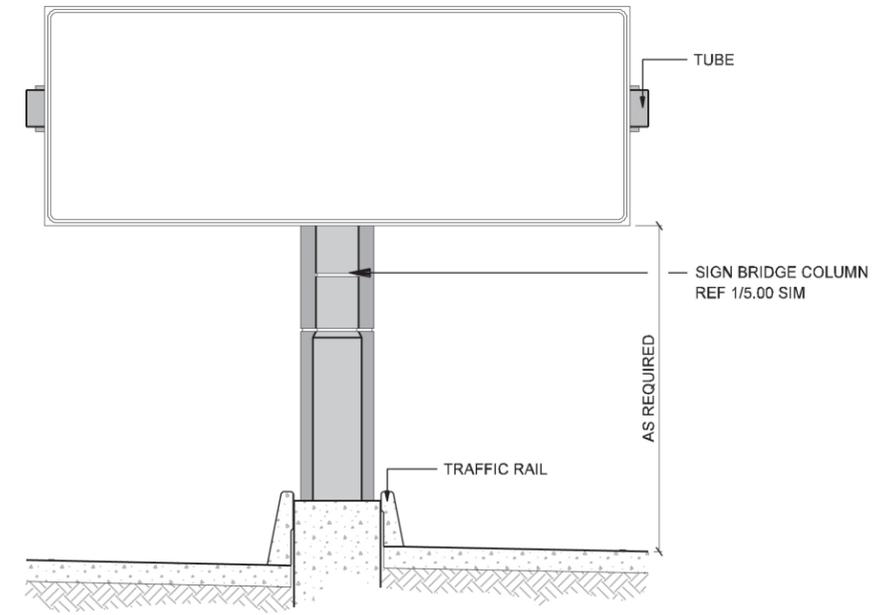
SIGNAGE



2 ELEVATION
 CENTER MEDIAN SIGNAGE SUPPORT - SIDE VIEW
 SCALE: 1"=10'-0"



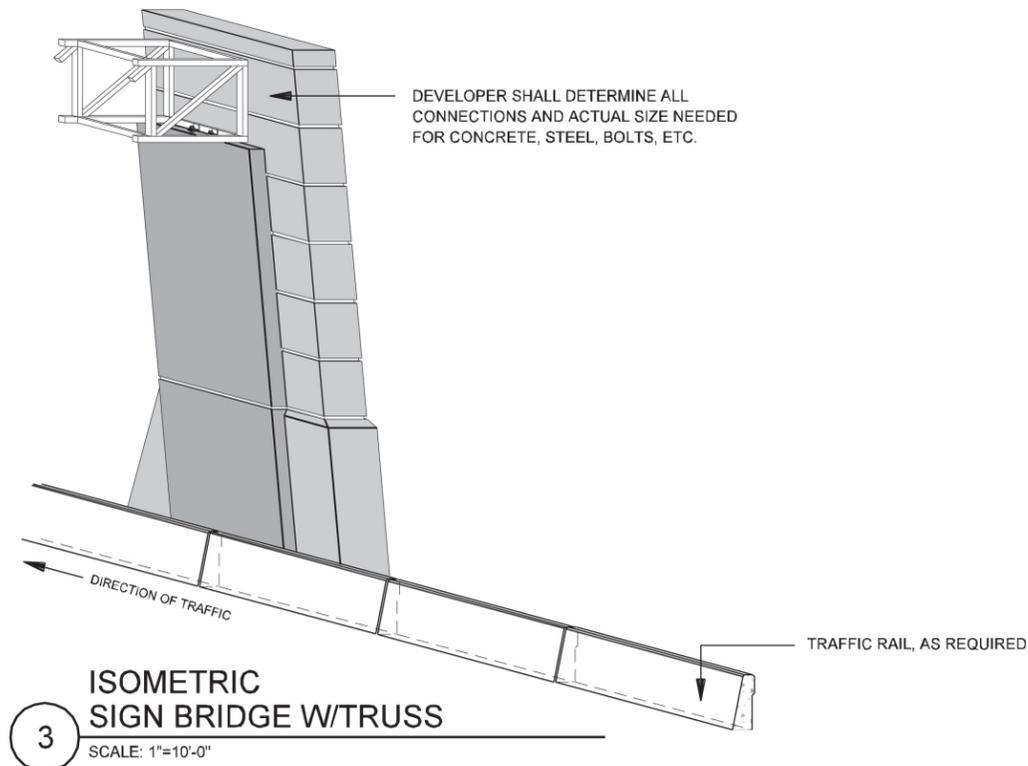
3 ELEVATION
 TUBE COLUMN CONNECTION
 SCALE: 1"=10'-0"



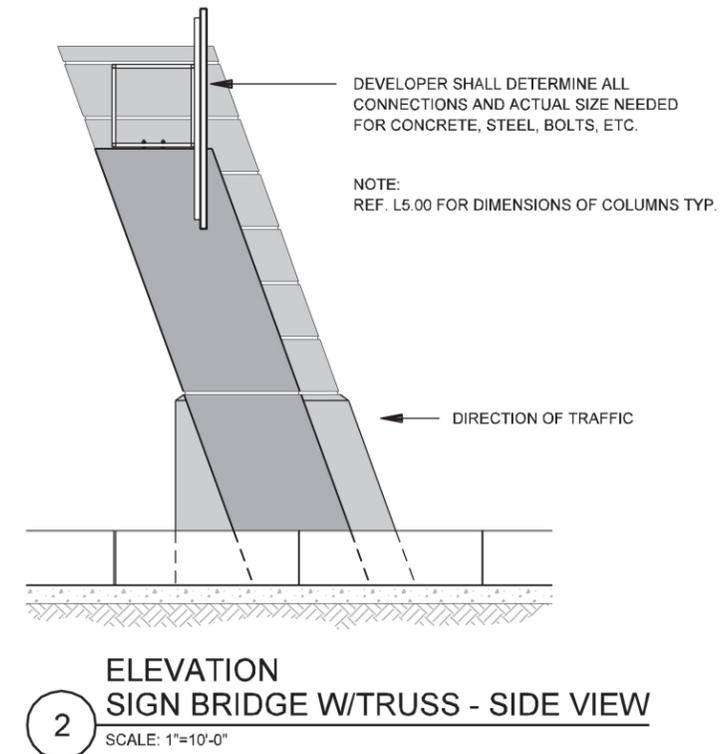
1 ELEVATION
 BUTTERFLY W/TUBE - FRONT VIEW
 SCALE: 1"=10'-0"

NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

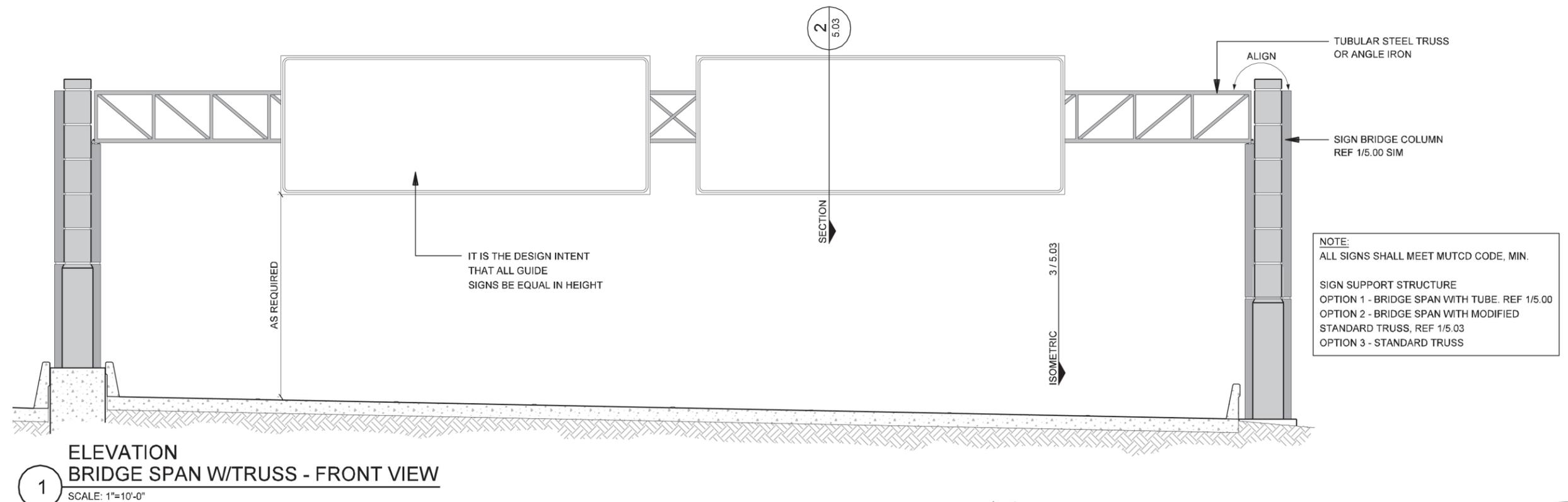
DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: SIGN BRIDGE	ATTACHMENT: RID	SHEET NUMBER: 5.02
---------------------	--------------------	--------------------------------	--------------------	-----------------------



3
**ISOMETRIC
 SIGN BRIDGE W/TRUSS**
 SCALE: 1"=10'-0"



2
**ELEVATION
 SIGN BRIDGE W/TRUSS - SIDE VIEW**
 SCALE: 1"=10'-0"

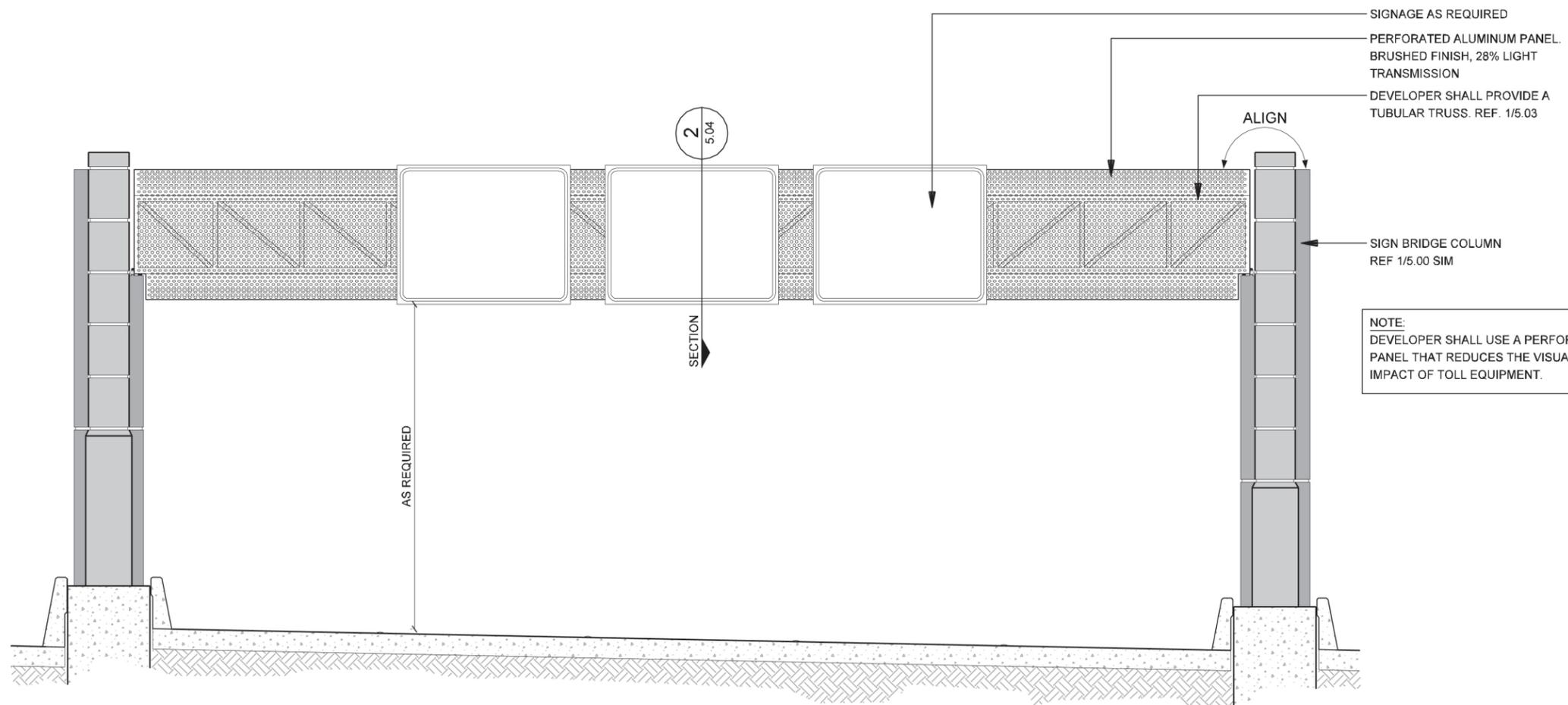
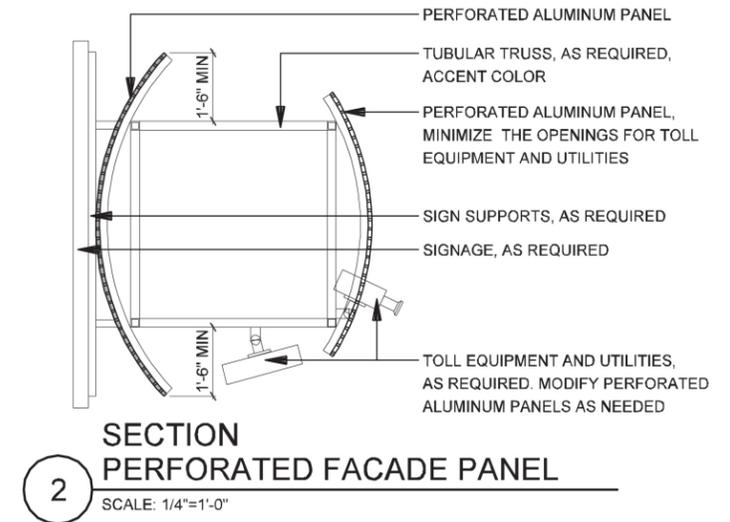


1
**ELEVATION
 BRIDGE SPAN W/TRUSS - FRONT VIEW**
 SCALE: 1"=10'-0"



NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: SIGN BRIDGE	ATTACHMENT: RID	SHEET NUMBER: 5.03
---------------------	--------------------	--------------------------------	--------------------	------------------------------



1 ELEVATION GANTRY - FRONT VIEW
SCALE: 1/8"=1'-0"

NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

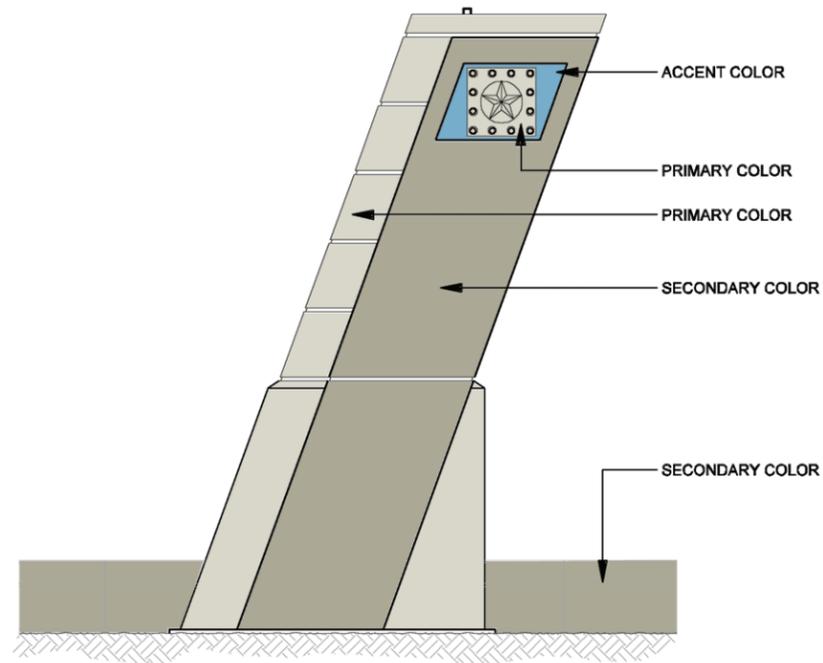
DATE:
12/07/2007

SCALE:
AS NOTED

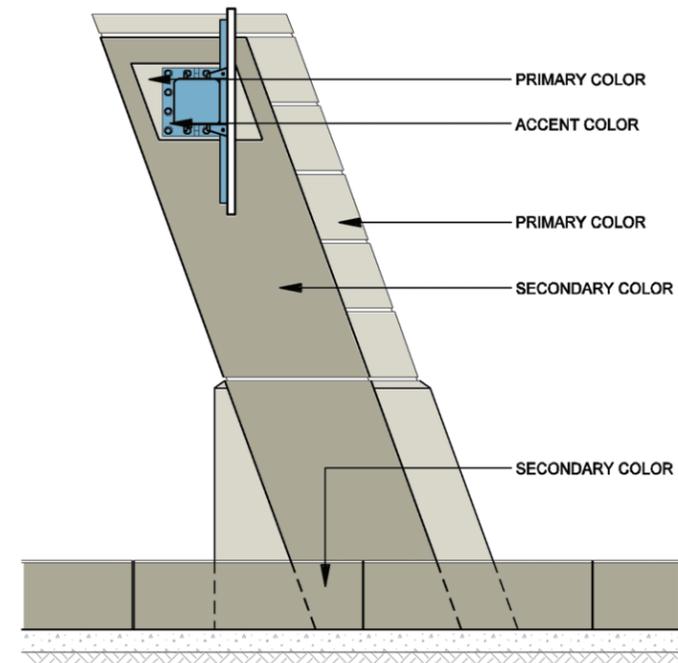
SHEET CONTENTS:
GANTRIES

ATTACHMENT:
RID

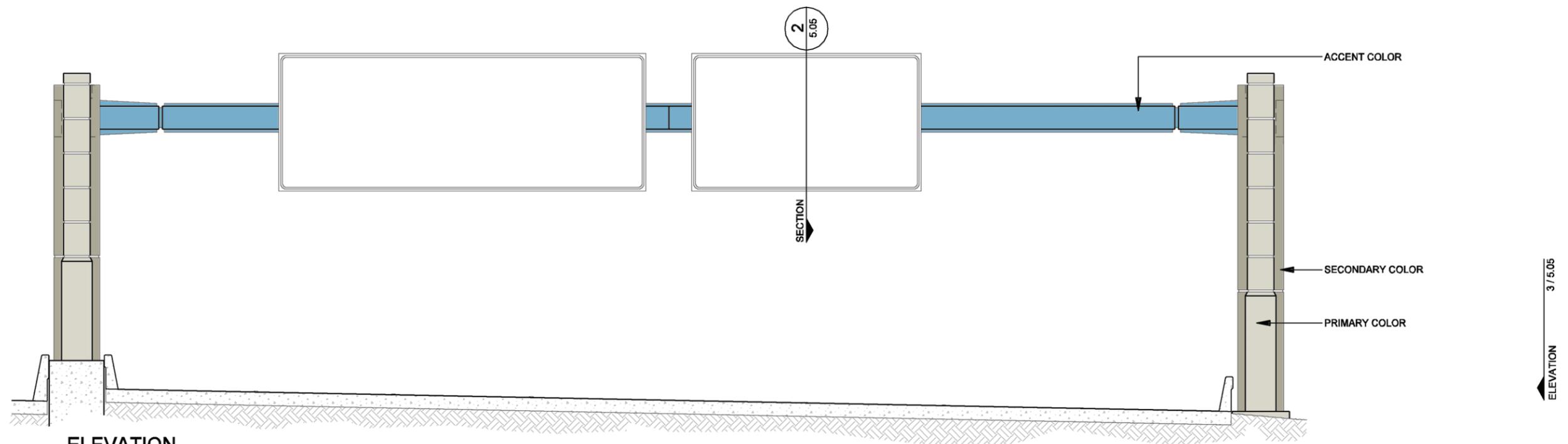
SHEET NUMBER:
5.04



3 ELEVATION
SIGN BRIDGE - COLOR CONCEPT
SCALE: 1/8"=1'-0"



2 ELEVATION
SIGN BRIDGE - COLOR CONCEPT
SCALE: 1/8"=1'-0"

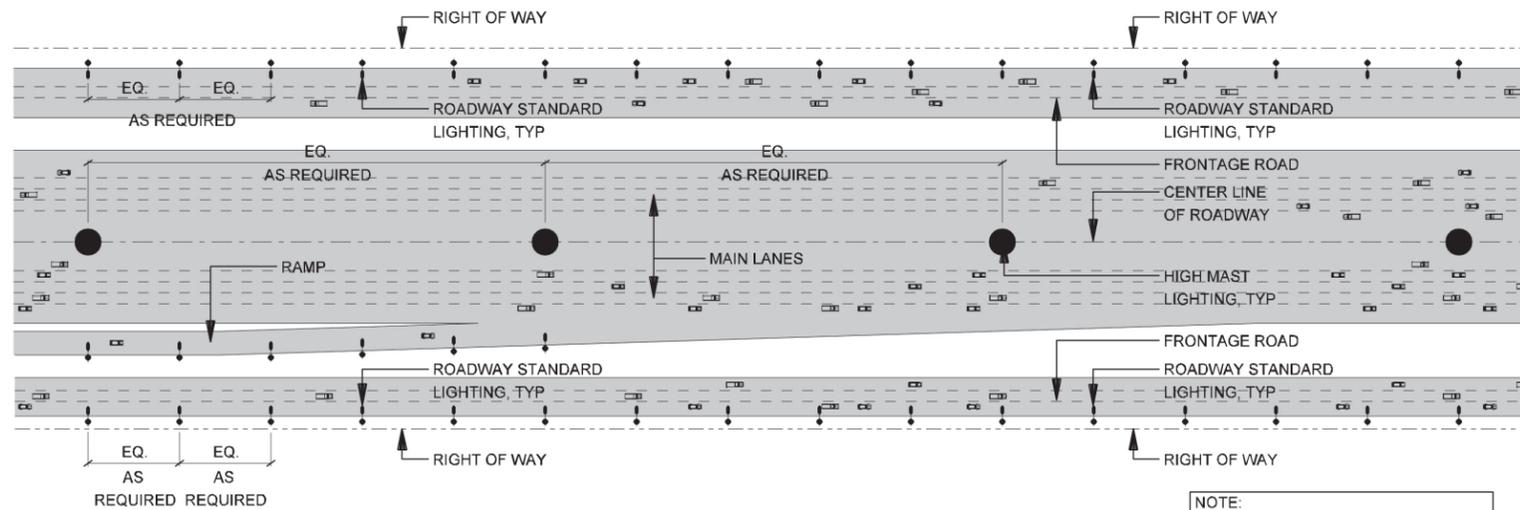


1 ELEVATION
SIGN BRIDGE - COLOR CONCEPT
SCALE: 1"=10'-0"

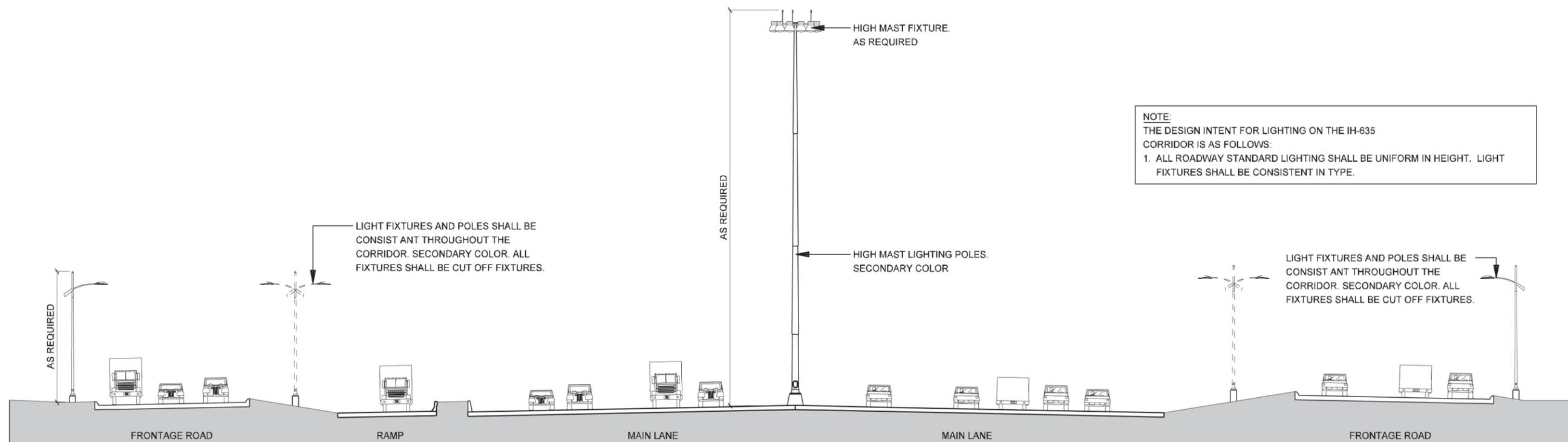
DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: SIGN BRIDGE	ATTACHMENT: RID	SHEET NUMBER: 5.05
---------------------	--------------------	--------------------------------	--------------------	------------------------------



ROADWAY LIGHTING



2 PLAN
LIGHTPOLE LAYOUT DIAGRAM - IH-635 TYP
 SCALE: N.T.S.



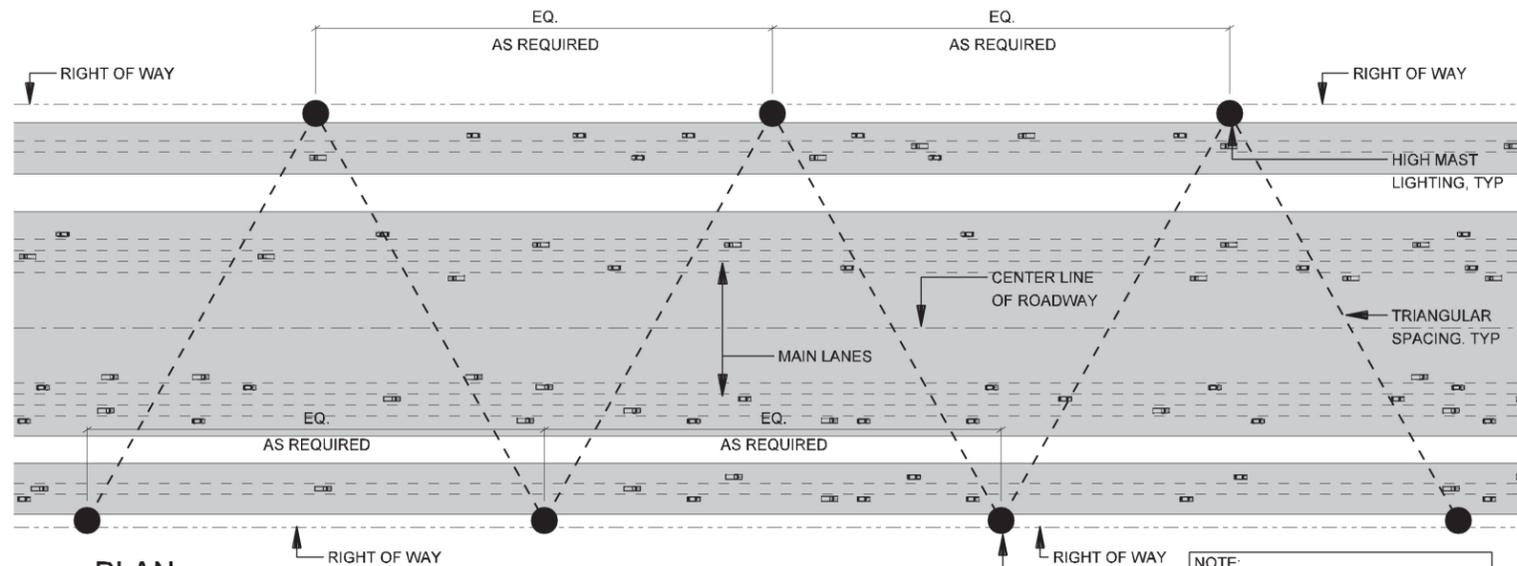
NOTE:
 THE DESIGN INTENT FOR LIGHTING ON THE IH-635
 CORRIDOR IS AS FOLLOWS:
 1. ALL ROADWAY STANDARD LIGHTING SHALL BE UNIFORM IN HEIGHT. LIGHT
 FIXTURES SHALL BE CONSISTENT IN TYPE.

1 SECTION
LIGHTING LAYOUT - IH-635 TYP
 SCALE: 1"=30'-0"



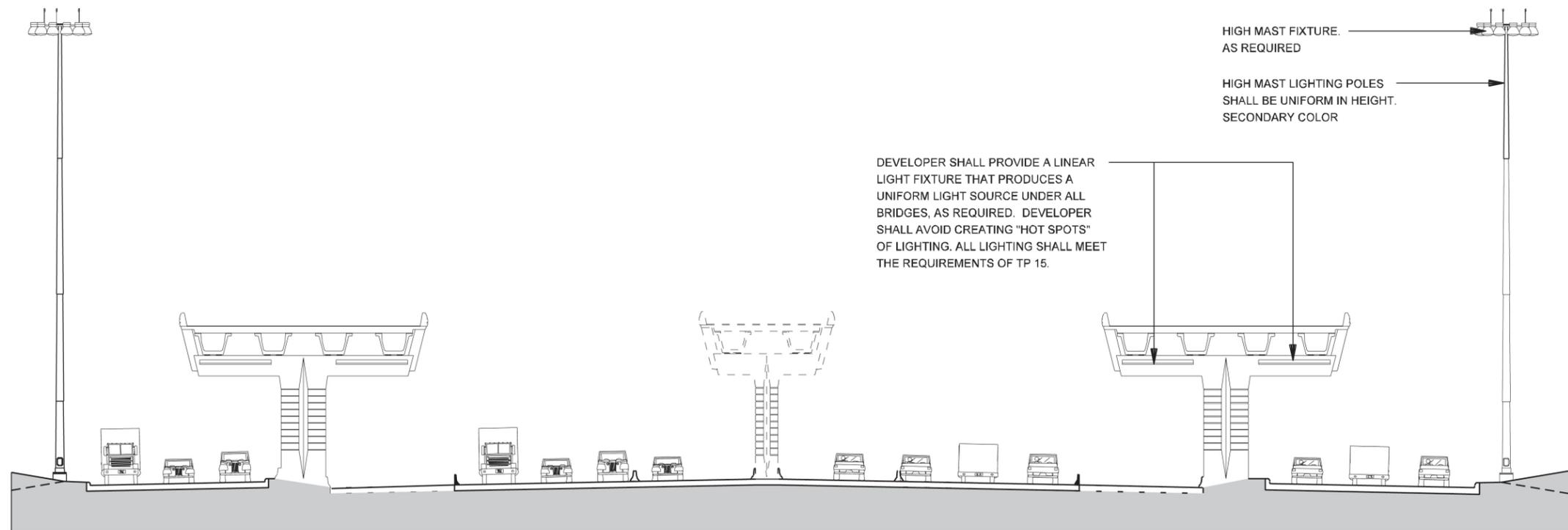
NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: ROADWAY LIGHTING	ATTACHMENT: RID	SHEET NUMBER: 6.00
---------------------	--------------------	-------------------------------------	--------------------	------------------------------



2 PLAN LIGHTPOLE LAYOUT DIAGRAM - IH-35E TYP
SCALE: N.T.S.

NOTE:
LIGHT POLE LOCATIONS ARE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY.

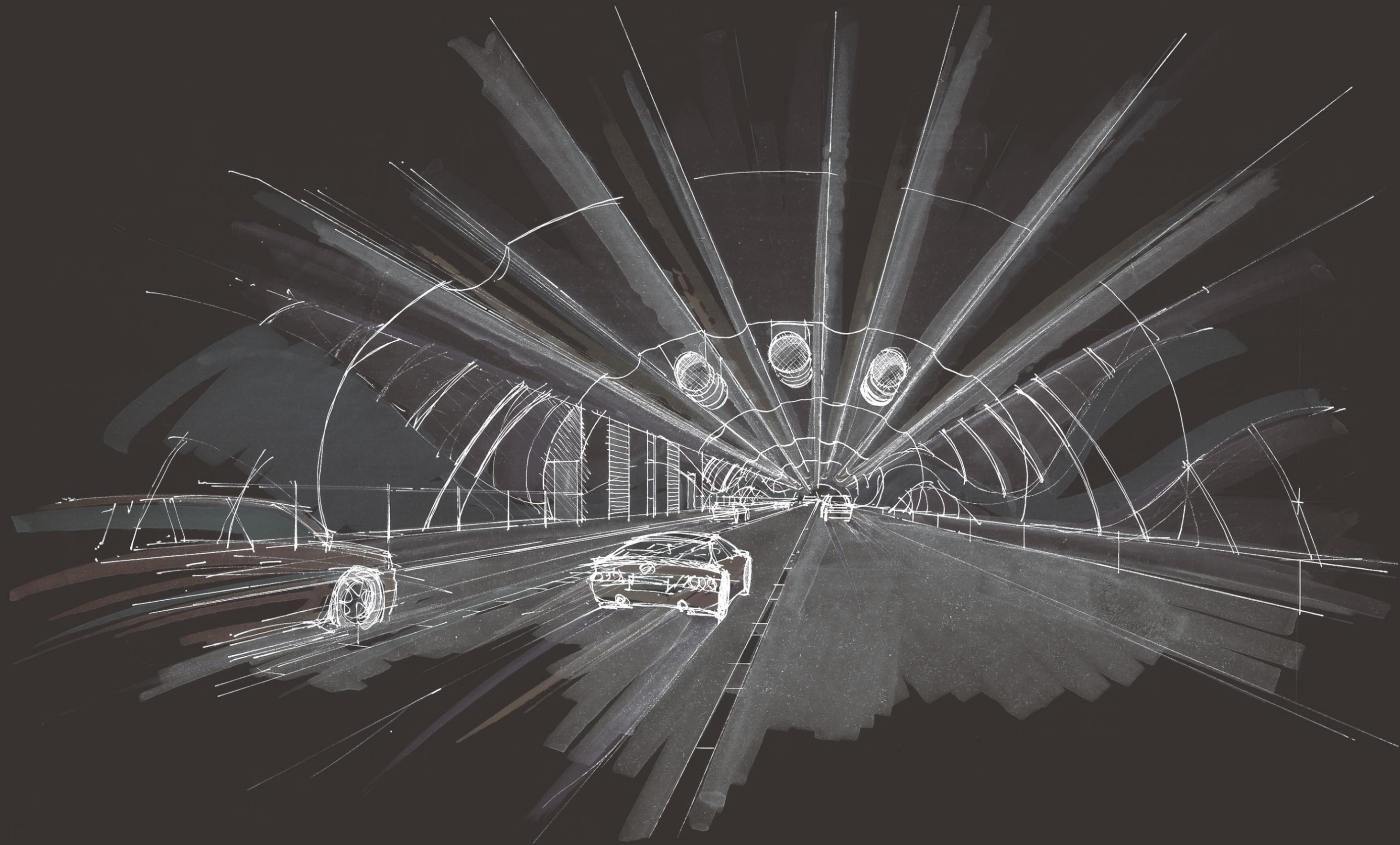


1 SECTION LIGHTING LAYOUT - IH-35E TYP
SCALE: 1"=30'-0"

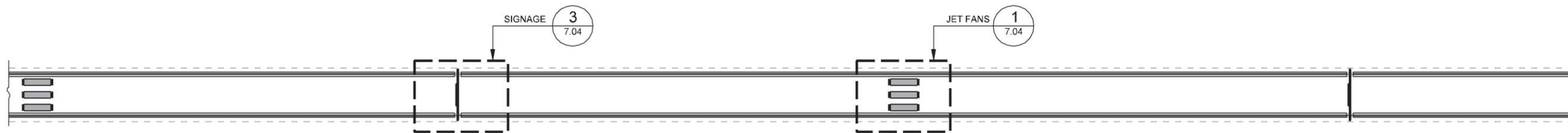


NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

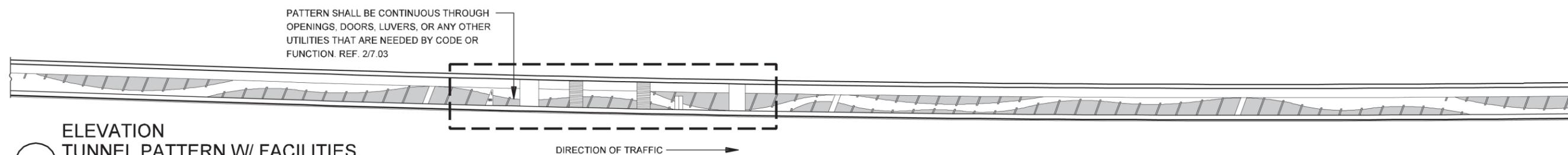
DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: ROADWAY LIGHTING	ATTACHMENT: RID	SHEET NUMBER: 6.01
---------------------	--------------------	-------------------------------------	--------------------	-----------------------



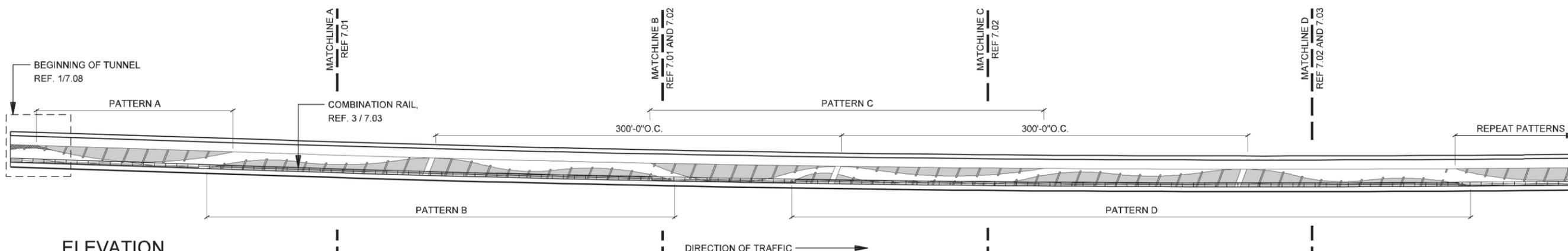
TUNNEL AESTHETICS



3 PLAN REFLECTED CEILING
SCALE: 1"=100'-0"



2 ELEVATION TUNNEL PATTERN W/ FACILITIES
SCALE: 1"=80'-0"



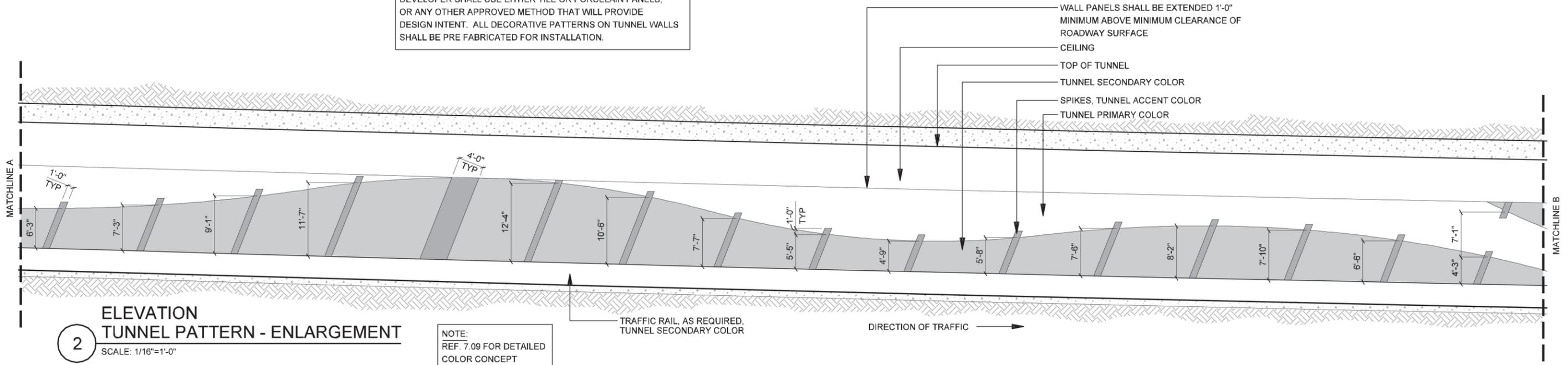
1 ELEVATION TUNNEL PATTERN - TYP
SCALE: 1"=80'-0"



NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: TUNNEL AESTHETICS	ATTACHMENT: RID	SHEET NUMBER: 7.00
---------------------	--------------------	--------------------------------------	--------------------	-----------------------

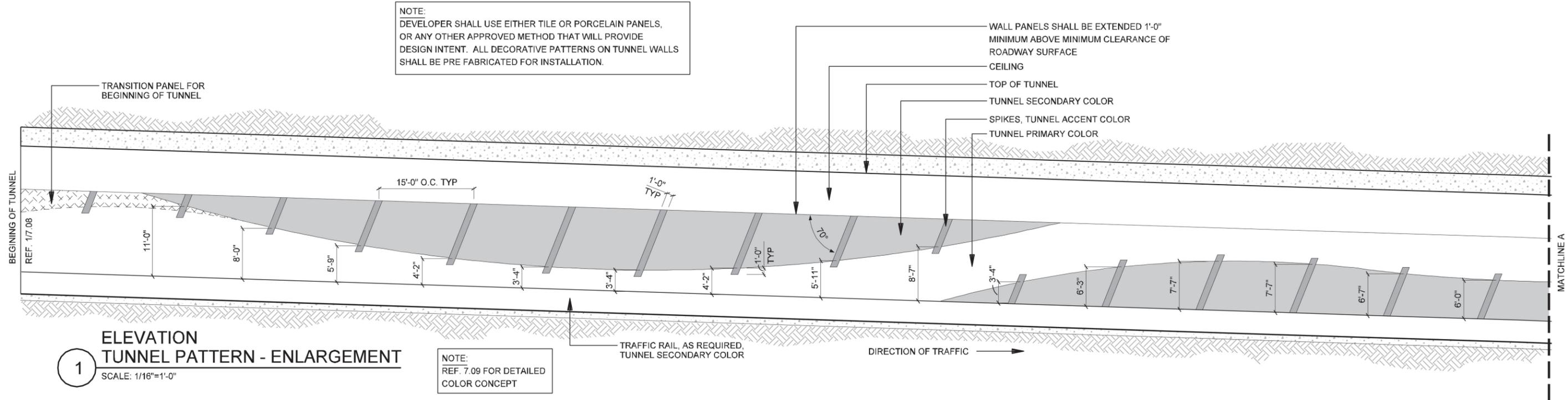
NOTE:
DEVELOPER SHALL USE EITHER TILE OR PORCELAIN PANELS,
OR ANY OTHER APPROVED METHOD THAT WILL PROVIDE
DESIGN INTENT. ALL DECORATIVE PATTERNS ON TUNNEL WALLS
SHALL BE PRE FABRICATED FOR INSTALLATION.



2
**ELEVATION
TUNNEL PATTERN - ENLARGEMENT**
SCALE: 1/16"=1'-0"

NOTE:
REF. 7.09 FOR DETAILED
COLOR CONCEPT

NOTE:
DEVELOPER SHALL USE EITHER TILE OR PORCELAIN PANELS,
OR ANY OTHER APPROVED METHOD THAT WILL PROVIDE
DESIGN INTENT. ALL DECORATIVE PATTERNS ON TUNNEL WALLS
SHALL BE PRE FABRICATED FOR INSTALLATION.



1
**ELEVATION
TUNNEL PATTERN - ENLARGEMENT**
SCALE: 1/16"=1'-0"

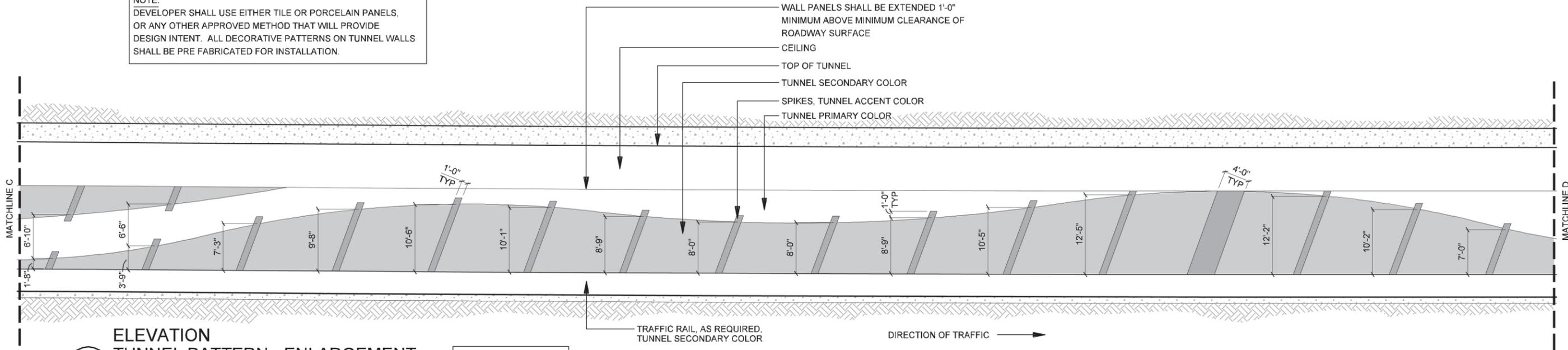
NOTE:
REF. 7.09 FOR DETAILED
COLOR CONCEPT



NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: TUNNEL AESTHETICS	ATTACHMENT: RID	SHEET NUMBER: 7.01
---------------------	--------------------	--------------------------------------	--------------------	-----------------------

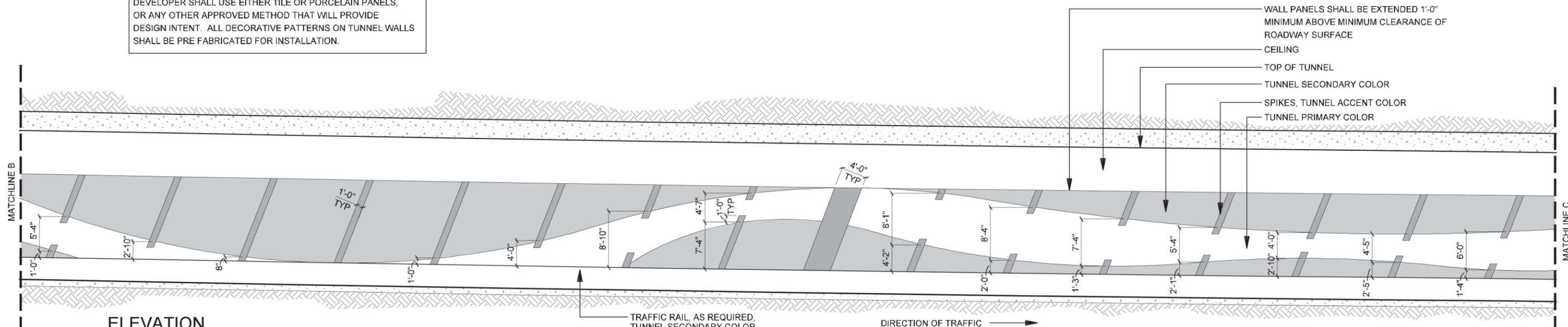
NOTE:
DEVELOPER SHALL USE EITHER TILE OR PORCELAIN PANELS,
OR ANY OTHER APPROVED METHOD THAT WILL PROVIDE
DESIGN INTENT. ALL DECORATIVE PATTERNS ON TUNNEL WALLS
SHALL BE PRE FABRICATED FOR INSTALLATION.



2
**ELEVATION
TUNNEL PATTERN - ENLARGEMENT**
SCALE: 1/16"=1'-0"

NOTE:
REF. 7.09 FOR DETAILED
COLOR CONCEPT

NOTE:
DEVELOPER SHALL USE EITHER TILE OR PORCELAIN PANELS,
OR ANY OTHER APPROVED METHOD THAT WILL PROVIDE
DESIGN INTENT. ALL DECORATIVE PATTERNS ON TUNNEL WALLS
SHALL BE PRE FABRICATED FOR INSTALLATION.

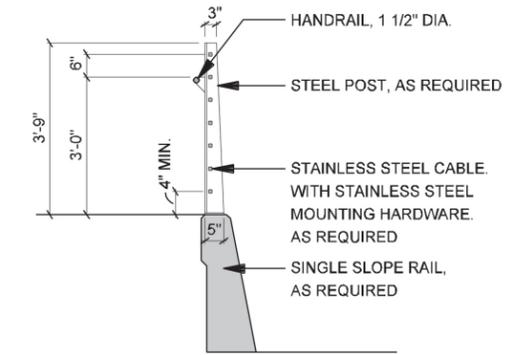


1
**ELEVATION
TUNNEL PATTERN - ENLARGEMENT**
SCALE: 1/16"=1'-0"

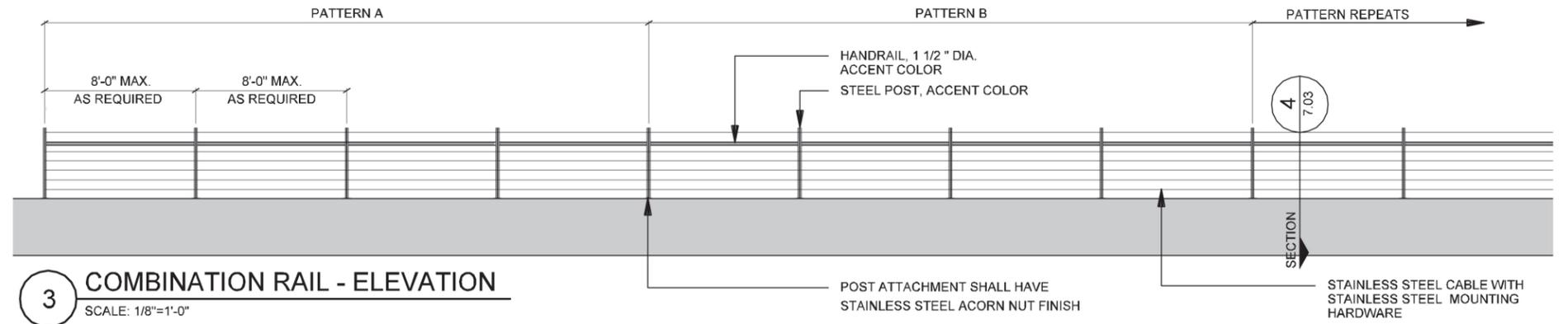
NOTE:
REF. 7.09 FOR DETAILED
COLOR CONCEPT

NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

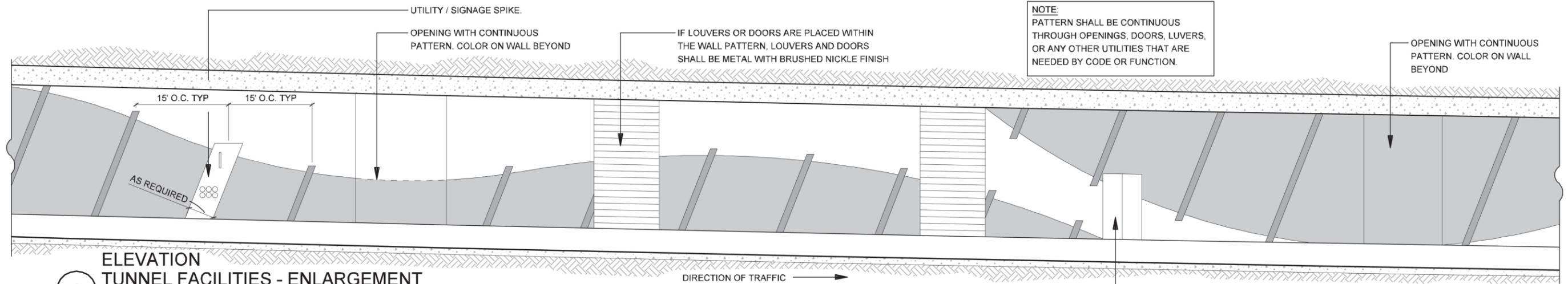
DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: TUNNEL AESTHETICS	ATTACHMENT: RID	SHEET NUMBER: 7.02
---------------------	--------------------	--------------------------------------	--------------------	------------------------------



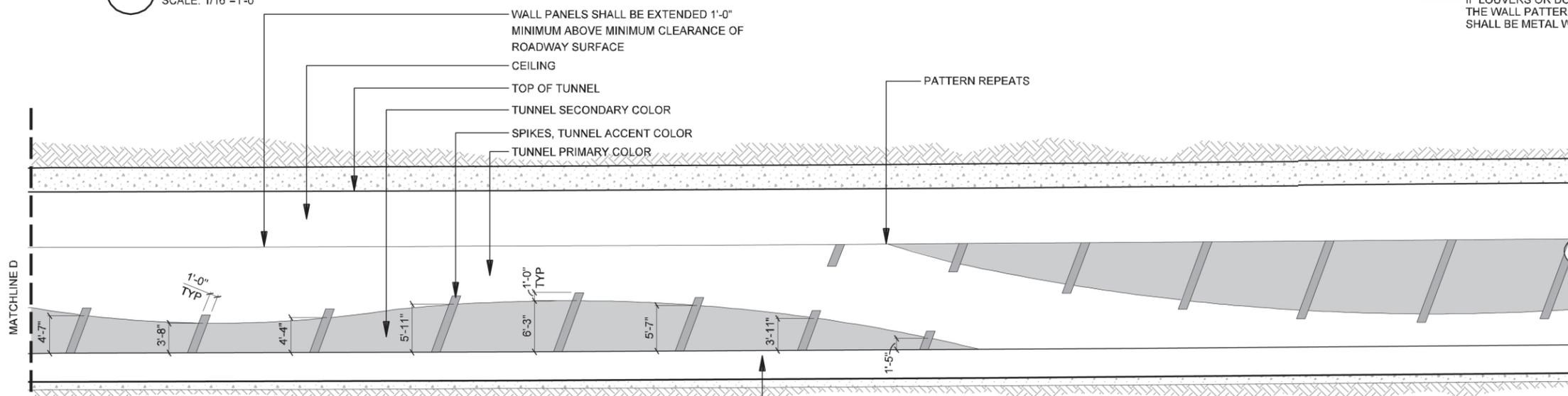
4 COMBINATION RAIL - SECTION
SCALE: 1/4"=1'-0"



3 COMBINATION RAIL - ELEVATION
SCALE: 1/8"=1'-0"



2 ELEVATION TUNNEL FACILITIES - ENLARGEMENT
SCALE: 1/16"=1'-0"



1 ELEVATION TUNNEL PATTERN - ENLARGEMENT
SCALE: 1/16"=1'-0"

NOTE:
REF. 7.09 FOR DETAILED
COLOR CONCEPT

NOTE:
DEVELOPER SHALL USE EITHER TILE OR PORCELAIN PANELS,
OR ANY OTHER APPROVED METHOD THAT WILL PROVIDE
DESIGN INTENT. ALL DECORATIVE PATTERNS ON TUNNEL WALLS
SHALL BE PRE FABRICATED FOR INSTALLATION.



NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

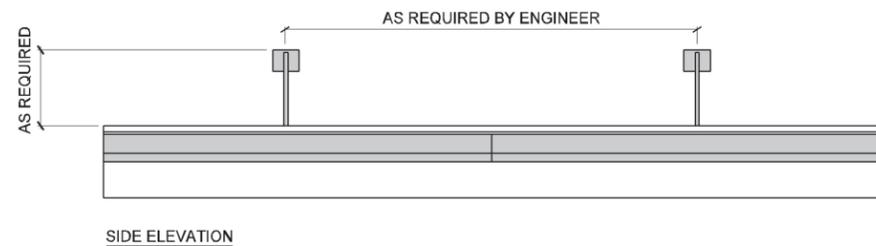
DATE:
12/07/2007

SCALE:
AS NOTED

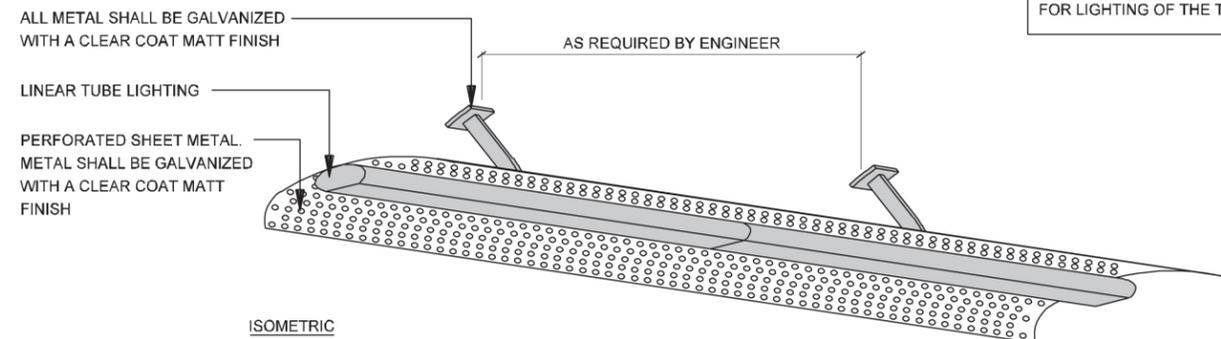
SHEET CONTENTS:
TUNNEL AESTHETICS

ATTACHMENT:
RID

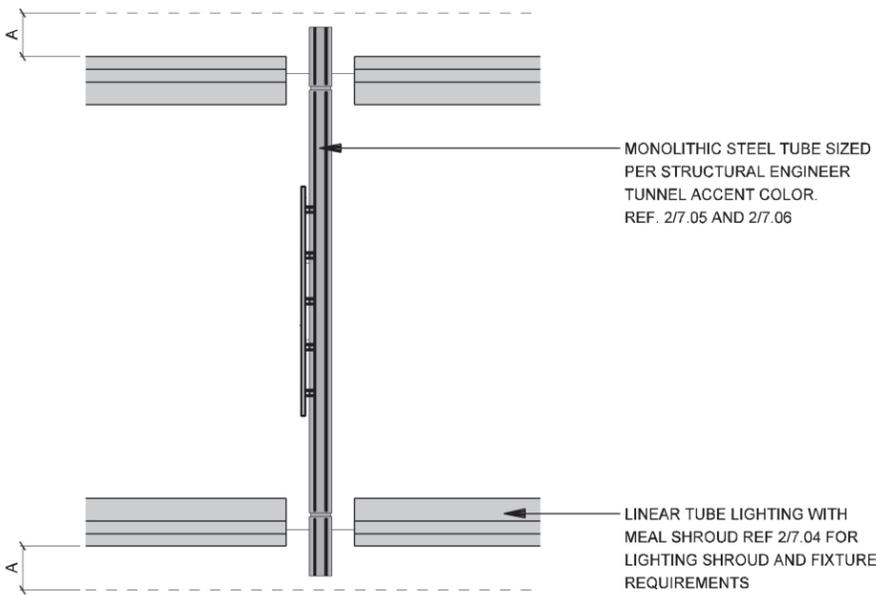
SHEET NUMBER:
7.03



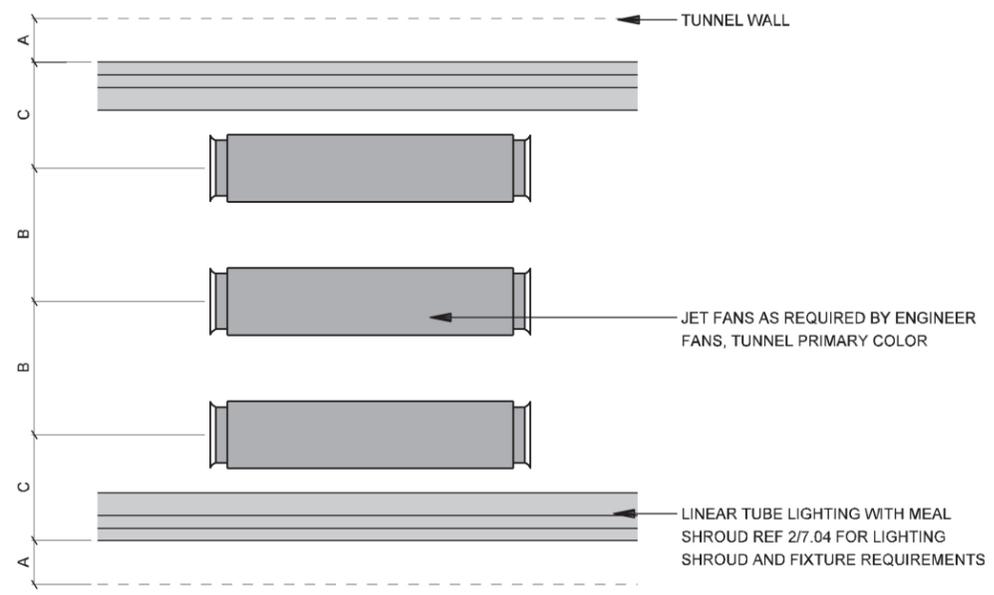
NOTE:
DEVELOPER SHALL USE LINEAR TUBE LIGHTING
FOR LIGHTING OF THE TUNNELS.



2 TUNNEL LIGHTING
SCALE: 1/4"=1'-0"



3 PLAN SIGNAGE - REFLECTED CEILING
SCALE: 1/16"=1'-0"

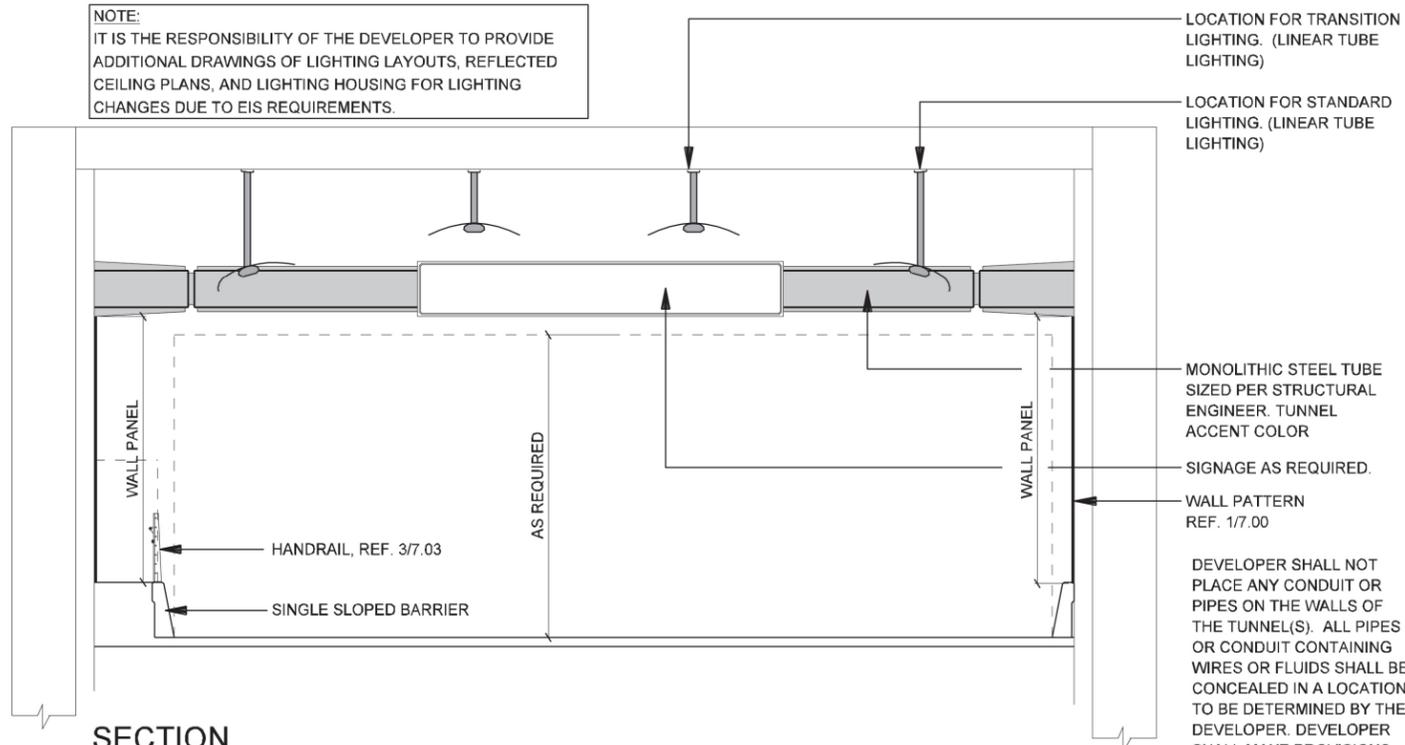


1 PLAN JET FANS - REFLECTED CEILING
SCALE: 1/16"=1'-0"

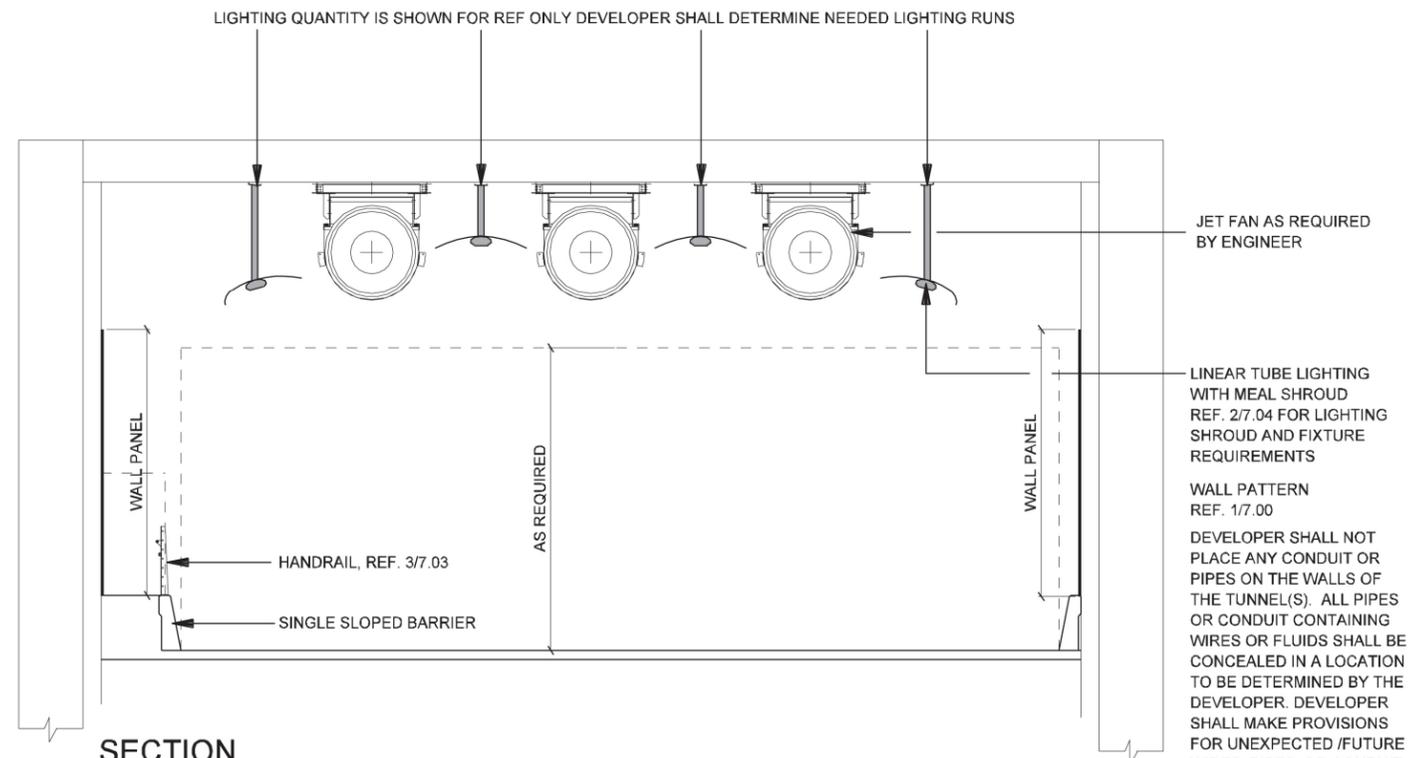
NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: TUNNEL AESTHETICS	ATTACHMENT: RID	SHEET NUMBER: 7.04
---------------------	--------------------	--------------------------------------	--------------------	------------------------------

NOTE:
IT IS THE RESPONSIBILITY OF THE DEVELOPER TO PROVIDE ADDITIONAL DRAWINGS OF LIGHTING LAYOUTS, REFLECTED CEILING PLANS, AND LIGHTING HOUSING FOR LIGHTING CHANGES DUE TO EIS REQUIREMENTS.



2 SECTION LIGHTING / SIGNAGE - CUT AND COVER TUNNEL
SCALE: 1"=10'-0"



1 SECTION LIGHTING / JET FANS - CUT AND COVER TUNNEL
SCALE: 1"=10'-0"

NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

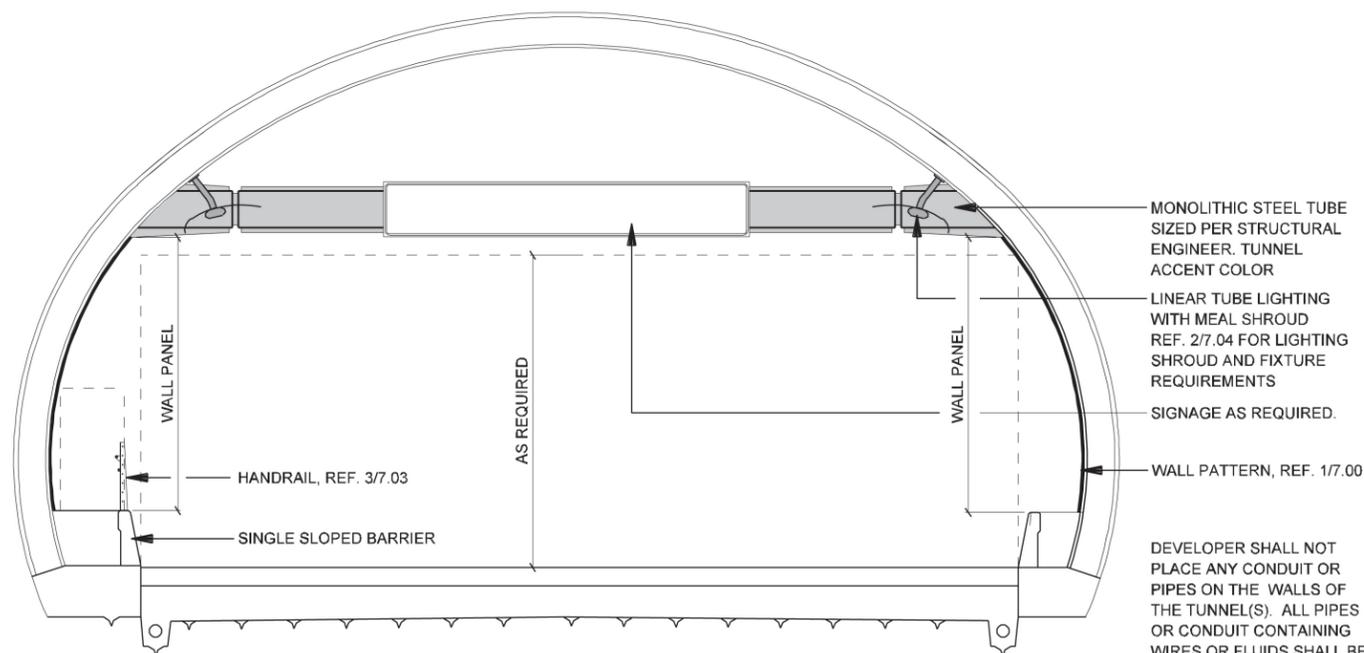
DATE:
12/07/2007

SCALE:
AS NOTED

SHEET CONTENTS:
TUNNEL AESTHETICS

ATTACHMENT:
RID

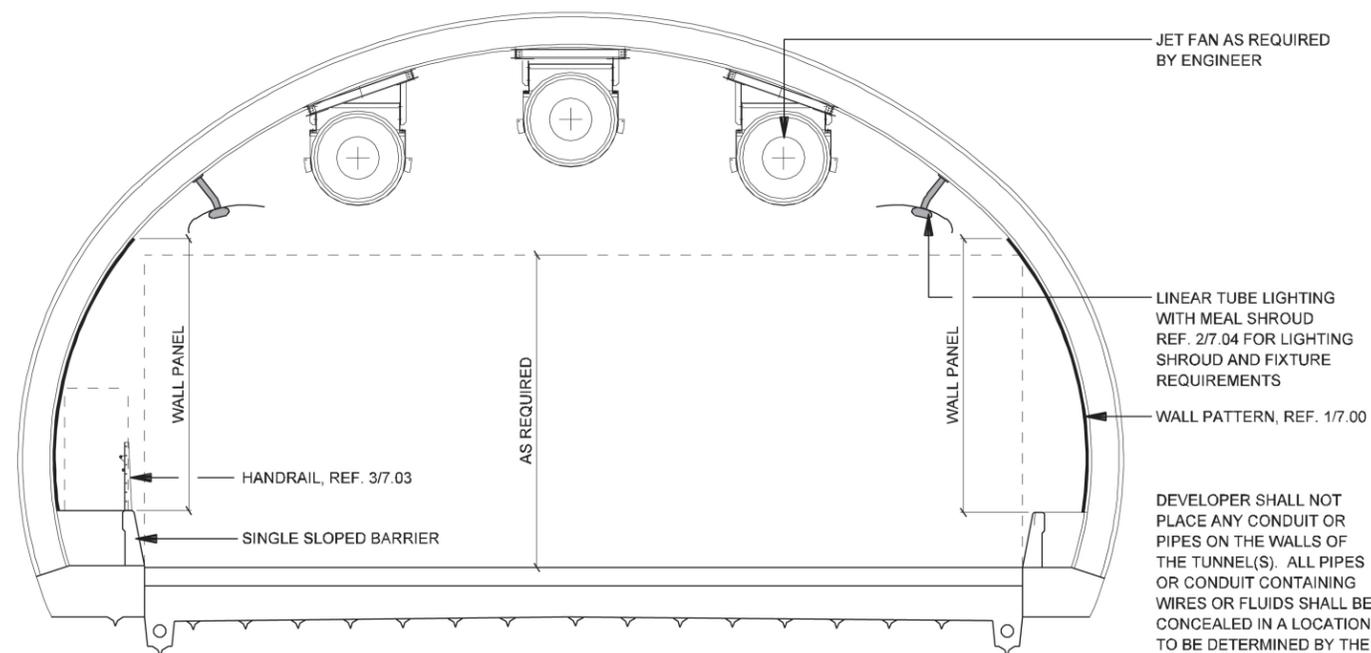
SHEET NUMBER:
7.05



SECTION 2
LIGHTING / SIGNAGE - MINED TUNNEL
 SCALE: 1"=10'-0"

MONOLITHIC STEEL TUBE SIZED PER STRUCTURAL ENGINEER. TUNNEL ACCENT COLOR
 LINEAR TUBE LIGHTING WITH MEAL SHROUD REF. 2/7.04 FOR LIGHTING SHROUD AND FIXTURE REQUIREMENTS
 SIGNAGE AS REQUIRED.
 WALL PATTERN, REF. 1/7.00
 HANDRAIL, REF. 3/7.03
 SINGLE SLOPED BARRIER
 AS REQUIRED

DEVELOPER SHALL NOT PLACE ANY CONDUIT OR PIPES ON THE WALLS OF THE TUNNEL(S). ALL PIPES OR CONDUIT CONTAINING WIRES OR FLUIDS SHALL BE CONCEALED IN A LOCATION TO BE DETERMINED BY THE DEVELOPER. DEVELOPER SHALL MAKE PROVISIONS FOR UNEXPECTED /FUTURE WIRES, PIPES, OR CONDUIT.



SECTION 1
LIGHTING / JET FANS - MINED TUNNEL
 SCALE: 1"=10'-0"

JET FAN AS REQUIRED BY ENGINEER
 LINEAR TUBE LIGHTING WITH MEAL SHROUD REF. 2/7.04 FOR LIGHTING SHROUD AND FIXTURE REQUIREMENTS
 WALL PATTERN, REF. 1/7.00
 HANDRAIL, REF. 3/7.03
 SINGLE SLOPED BARRIER
 AS REQUIRED

DEVELOPER SHALL NOT PLACE ANY CONDUIT OR PIPES ON THE WALLS OF THE TUNNEL(S). ALL PIPES OR CONDUIT CONTAINING WIRES OR FLUIDS SHALL BE CONCEALED IN A LOCATION TO BE DETERMINED BY THE DEVELOPER. DEVELOPER SHALL MAKE PROVISIONS FOR UNEXPECTED /FUTURE WIRES, PIPES, OR CONDUIT.

NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

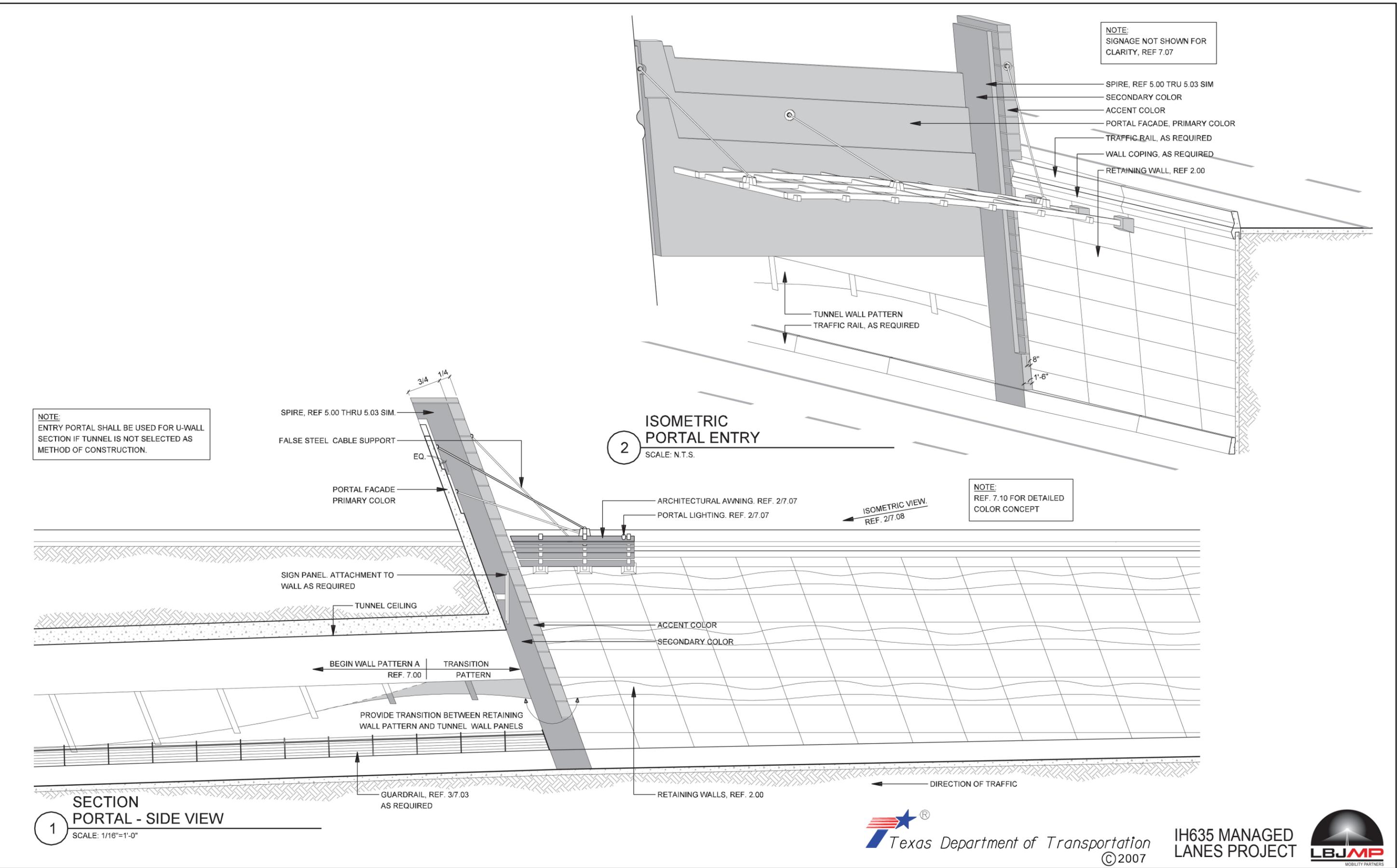
DATE:
12/07/2007

SCALE:
AS NOTED

SHEET CONTENTS:
TUNNEL AESTHETICS

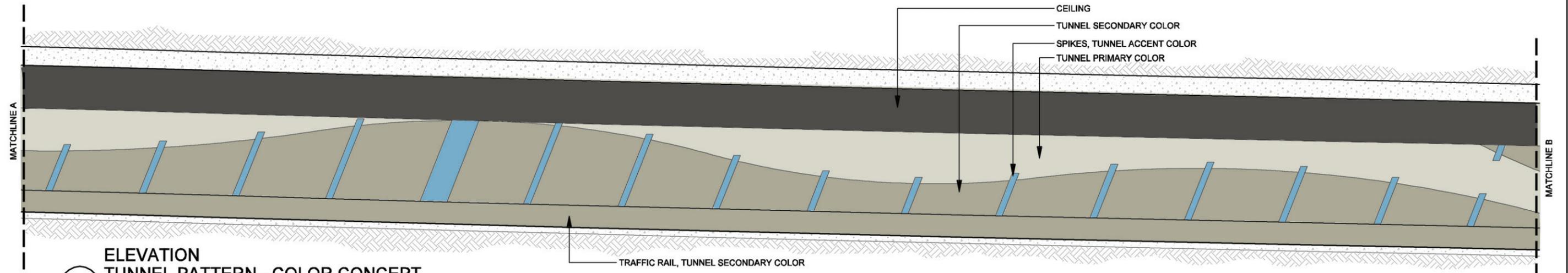
ATTACHMENT:
RID

SHEET NUMBER:
7.06

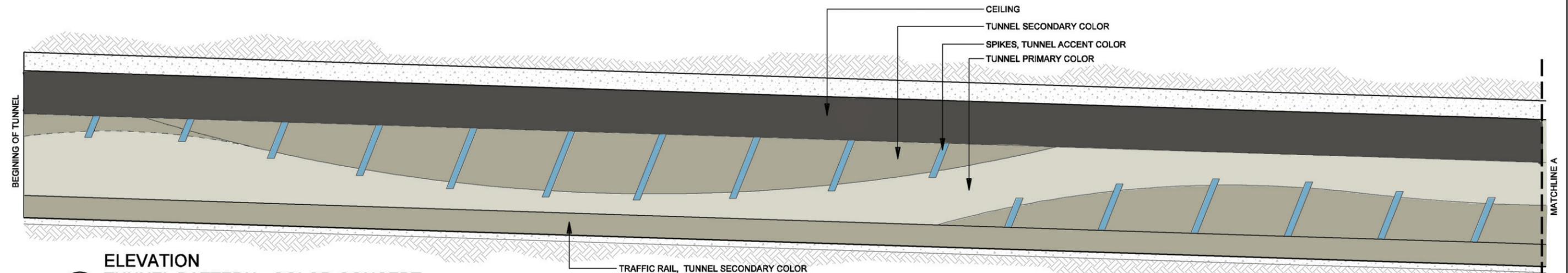


NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: TUNNEL AESTHETICS	ATTACHMENT: RID	SHEET NUMBER: 7.08
---------------------	--------------------	--------------------------------------	--------------------	-----------------------

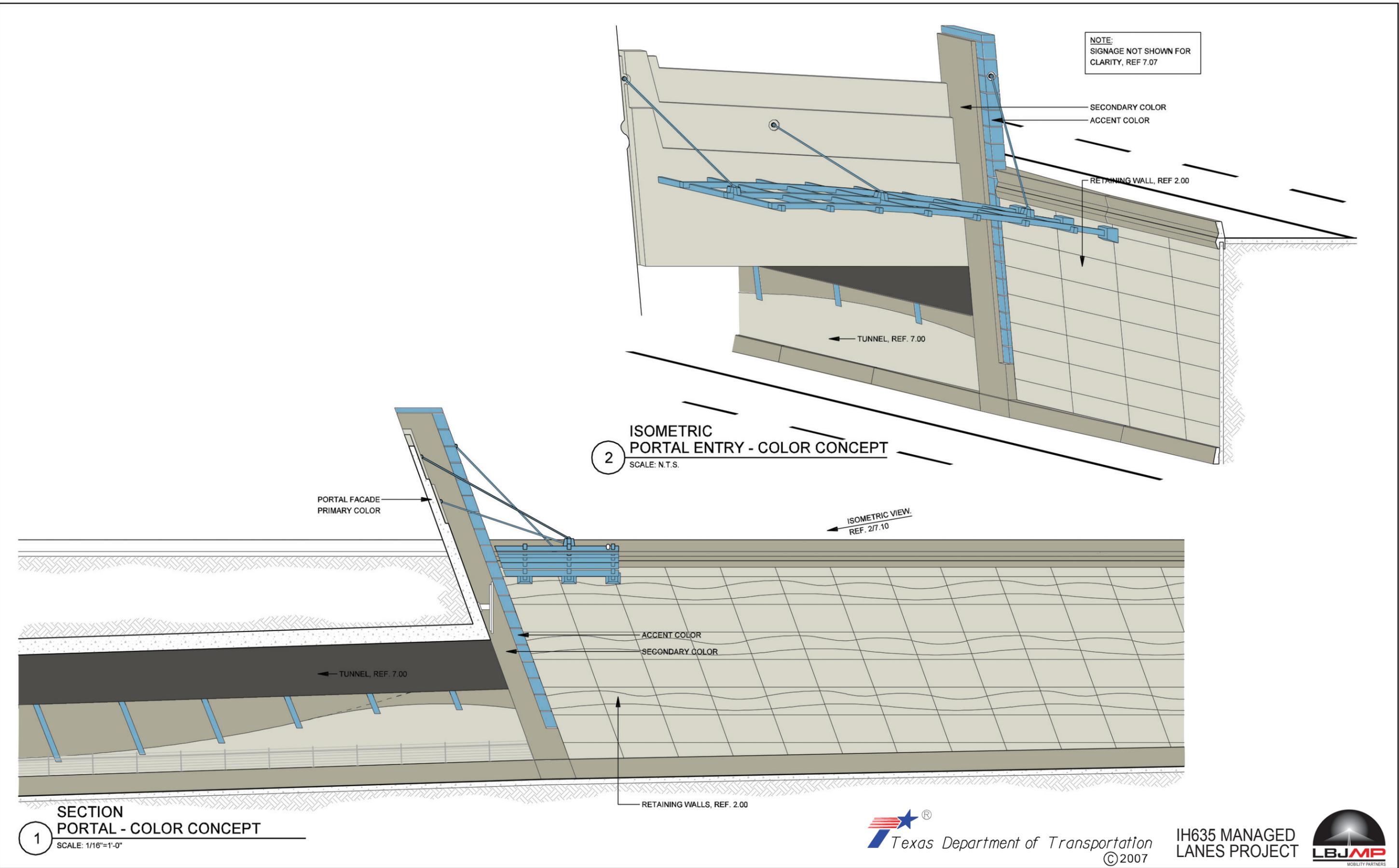


2
ELEVATION TUNNEL PATTERN - COLOR CONCEPT
 SCALE: 1/16"=1'-0"



1
ELEVATION TUNNEL PATTERN - COLOR CONCEPT
 SCALE: 1/16"=1'-0"

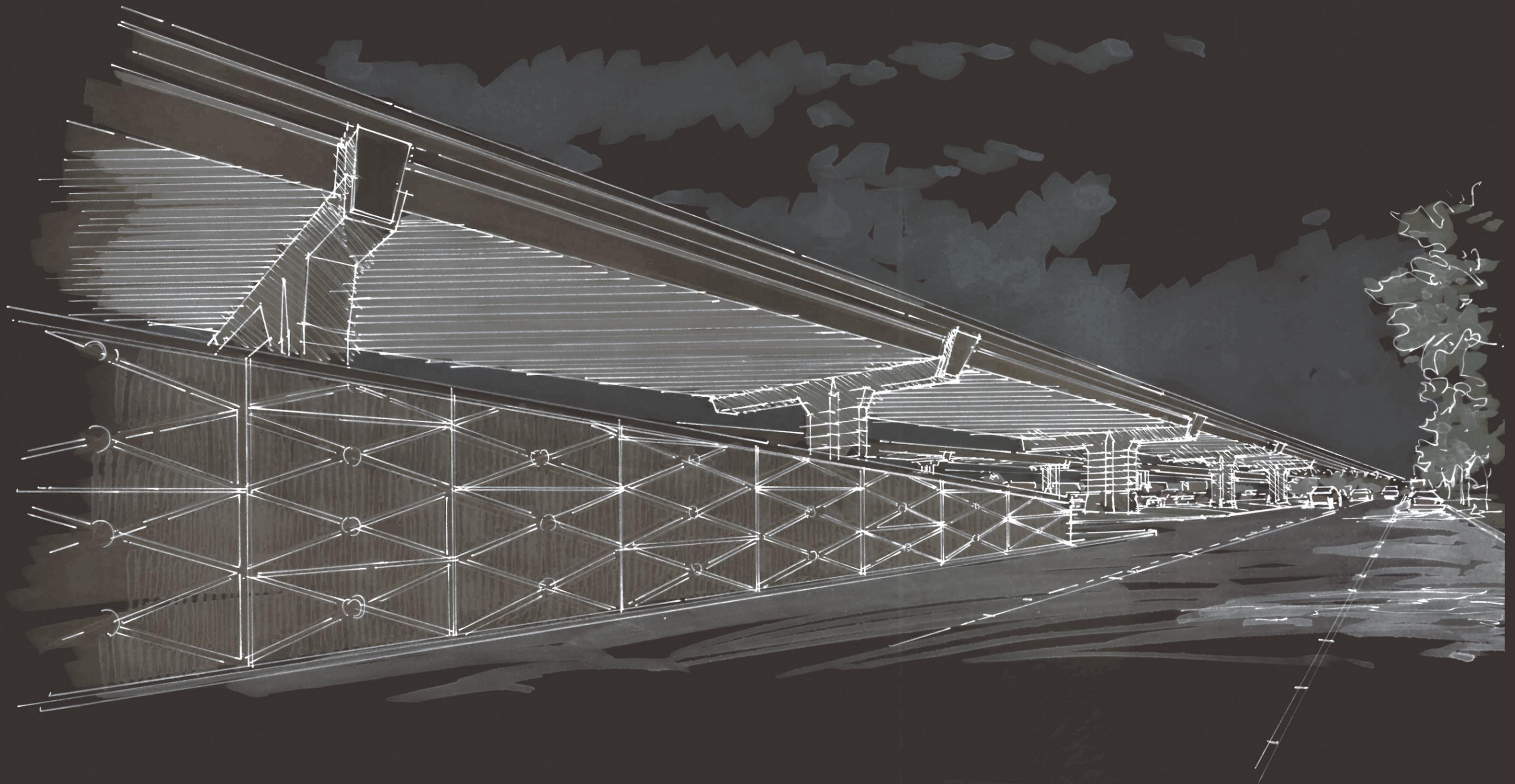
DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: TUNNEL AESTHETICS	ATTACHMENT: RID	SHEET NUMBER: 7.09
---------------------	--------------------	--------------------------------------	--------------------	------------------------------



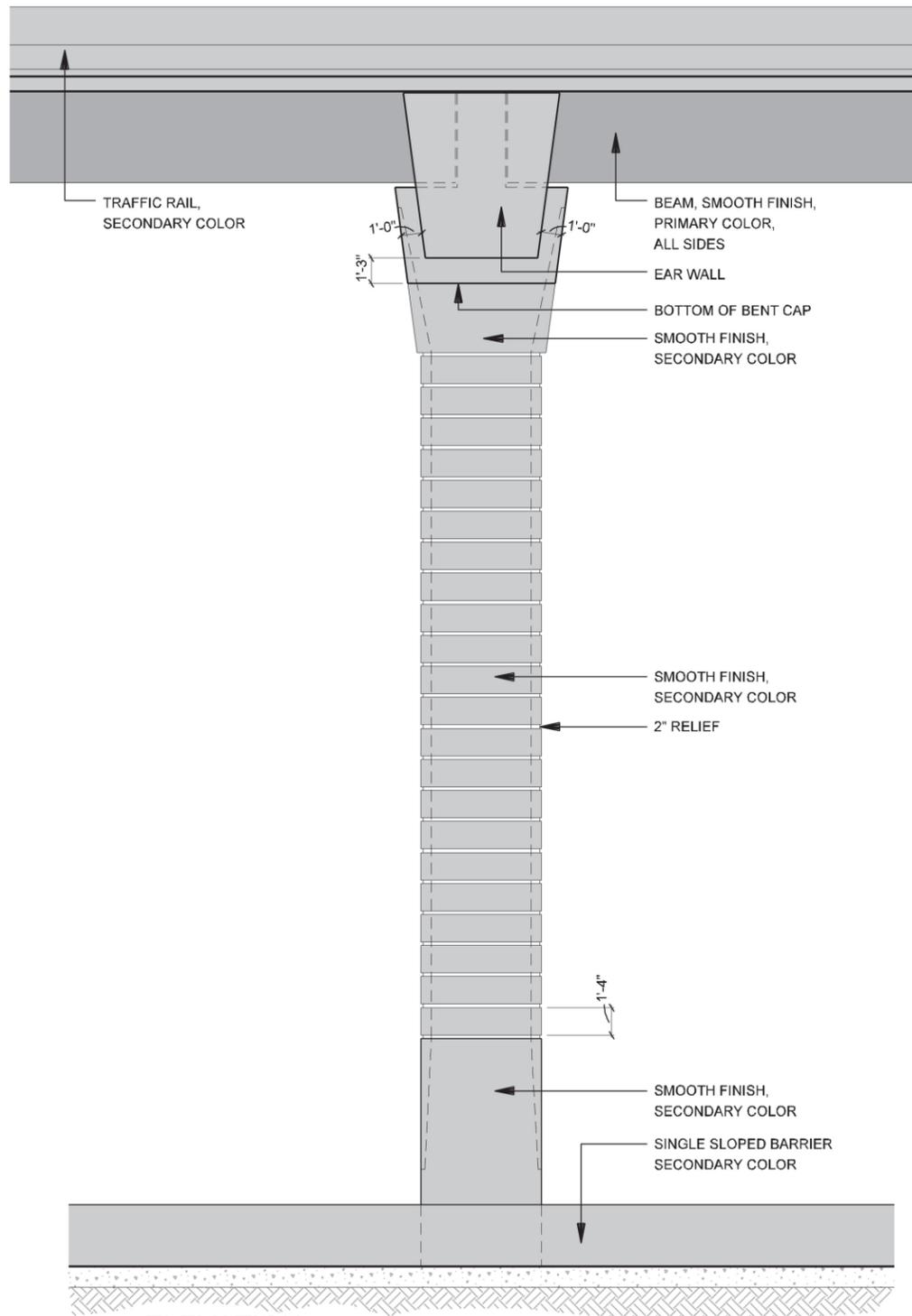
1 SECTION PORTAL - COLOR CONCEPT
SCALE: 1/16"=1'-0"

2 ISOMETRIC PORTAL ENTRY - COLOR CONCEPT
SCALE: N.T.S.

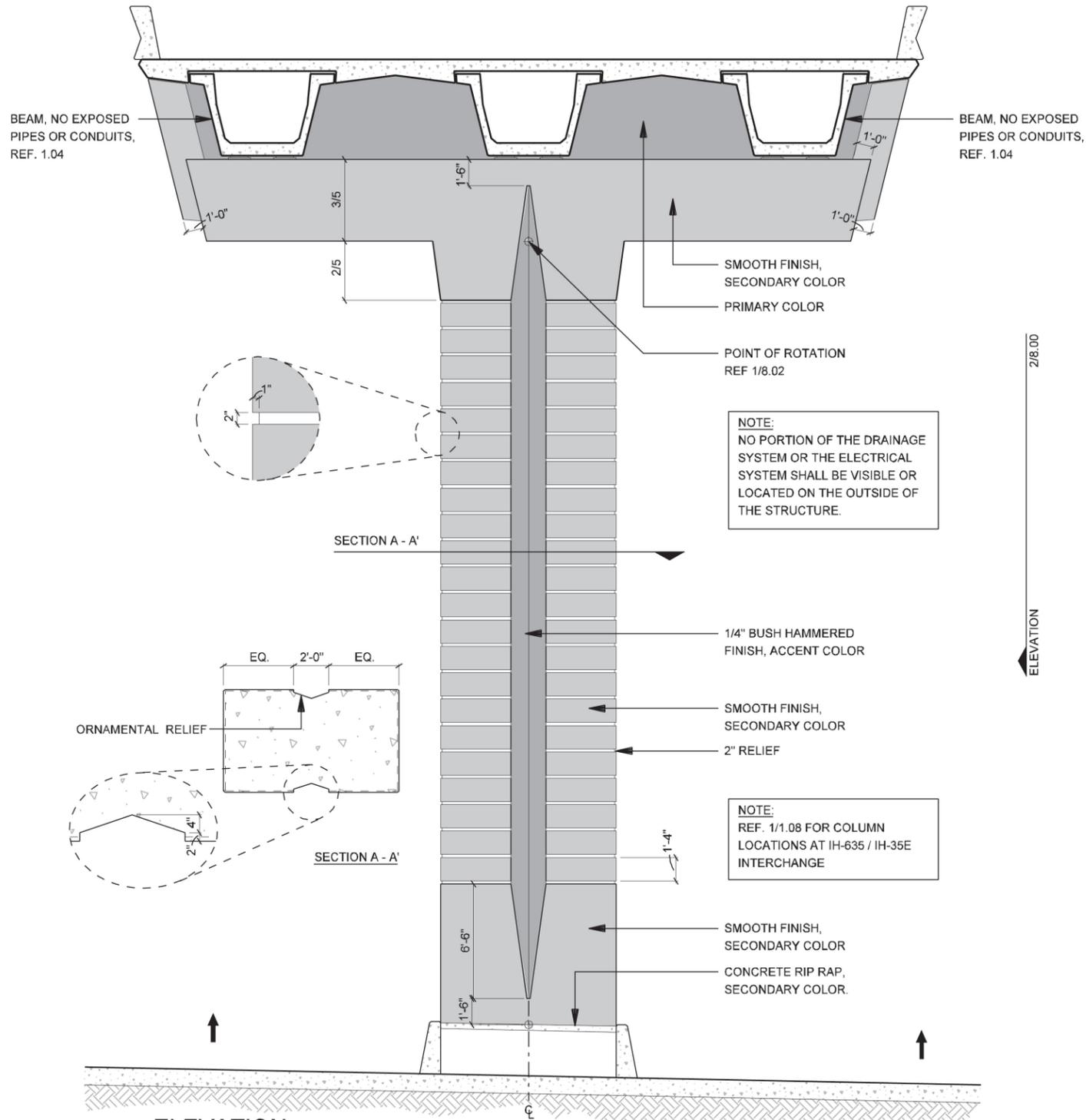
DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: TUNNEL AESTHETICS	ATTACHMENT: RID	SHEET NUMBER: 7.10
---------------------	--------------------	--------------------------------------	--------------------	------------------------------



IH-35 CORRIDOR



2 ELEVATION
 IH-35E ELEVATED MAINLANES COLUMN - SIDE VIEW
 SCALE: 1/8"=1'-0"

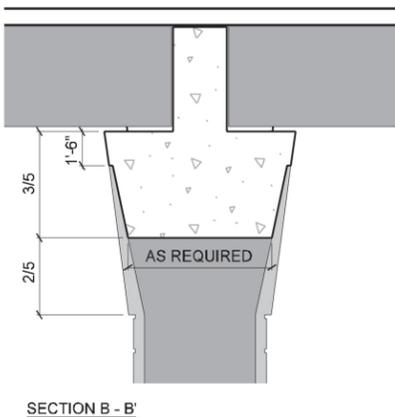


1 ELEVATION
 IH-35E ELEVATED MAINLANES COLUMN - FRONT VIEW
 SCALE: 1/8"=1'-0"

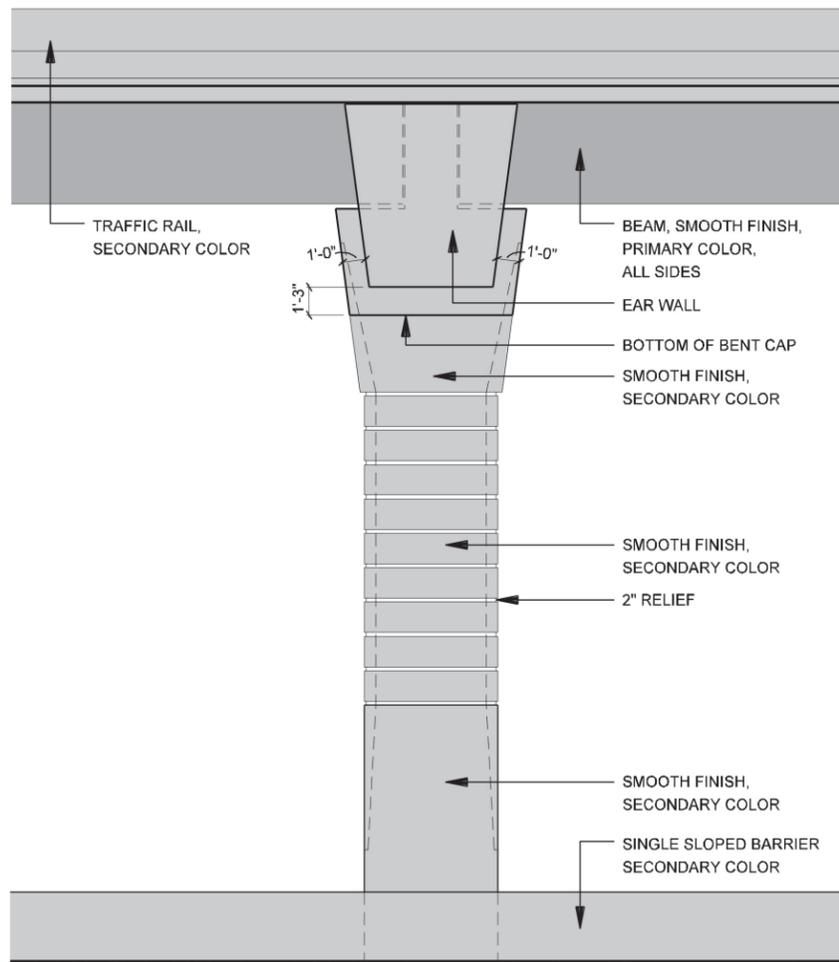
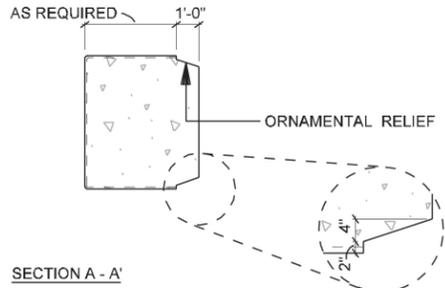
NOTE:
 REF. 8.07 FOR DETAILED
 COLOR CONCEPT

NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

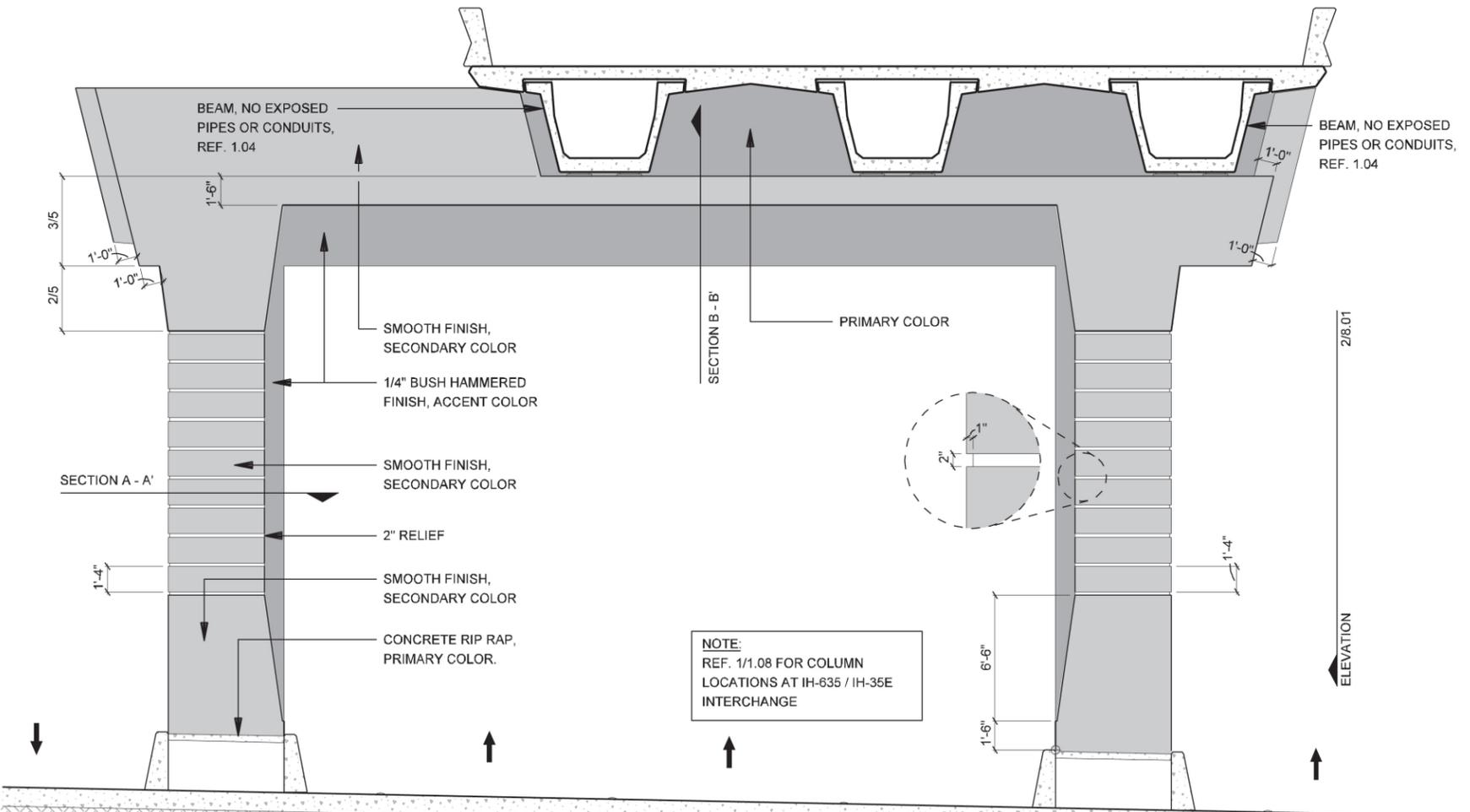
DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: IH-35E COLUMNS	ATTACHMENT: RID	SHEET NUMBER: 8.00
---------------------	--------------------	-----------------------------------	--------------------	------------------------------



NOTE:
NO PORTION OF THE DRAINAGE SYSTEM OR THE ELECTRICAL SYSTEM SHALL BE VISIBLE OR LOCATED ON THE OUTSIDE OF THE STRUCTURE.



2 ELEVATION
IH-35E ELEVATED MAINLANES COLUMN - SIDE VIEW
SCALE: 1/8"=1'-0"



1 ELEVATION
IH-35E ELEVATED MAINLANES COLUMN - FRONT VIEW
SCALE: 1/8"=1'-0"

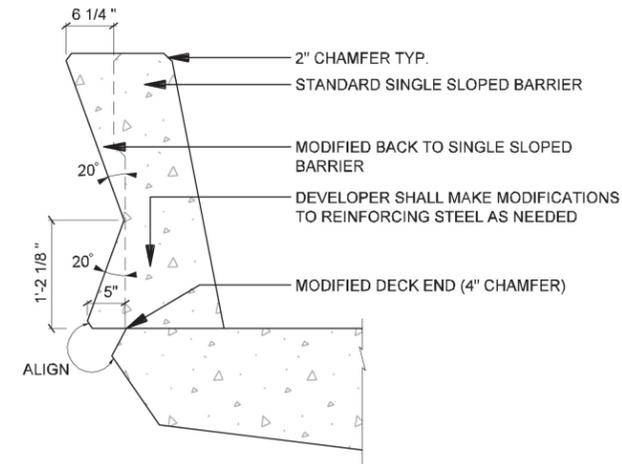
NOTE:
REF. 1/1.08 FOR COLUMN LOCATIONS AT IH-635 / IH-35E INTERCHANGE

NOTE:
REF. 8.07 FOR DETAILED COLOR CONCEPT. SIM

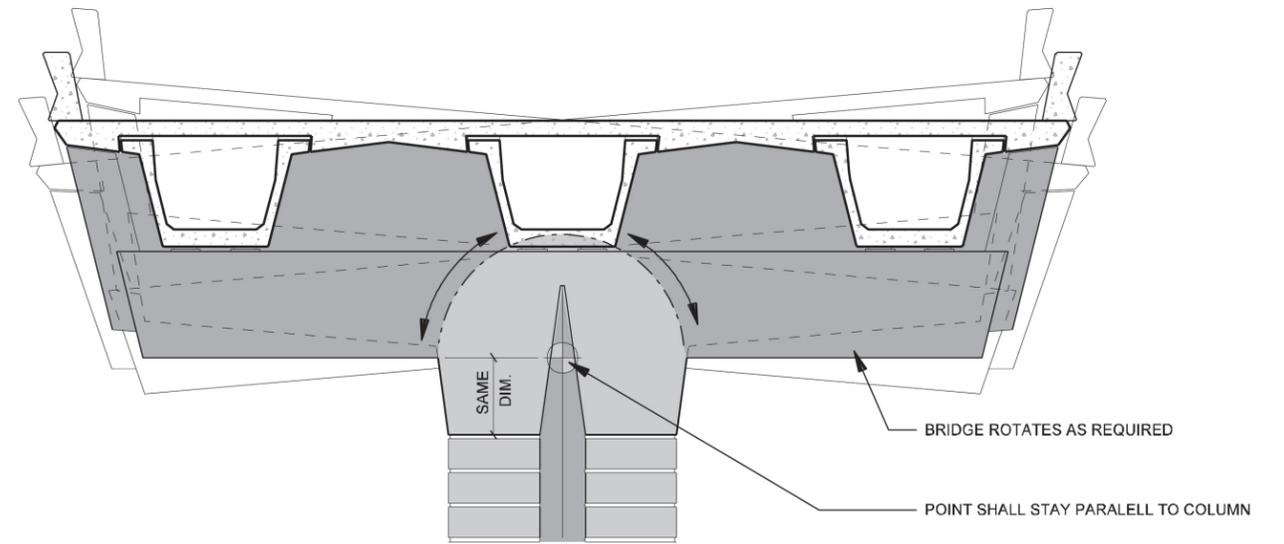


NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: IH-35E COLUMNS	ATTACHMENT: RID	SHEET NUMBER: 8.01
---------------------	--------------------	-----------------------------------	--------------------	------------------------------



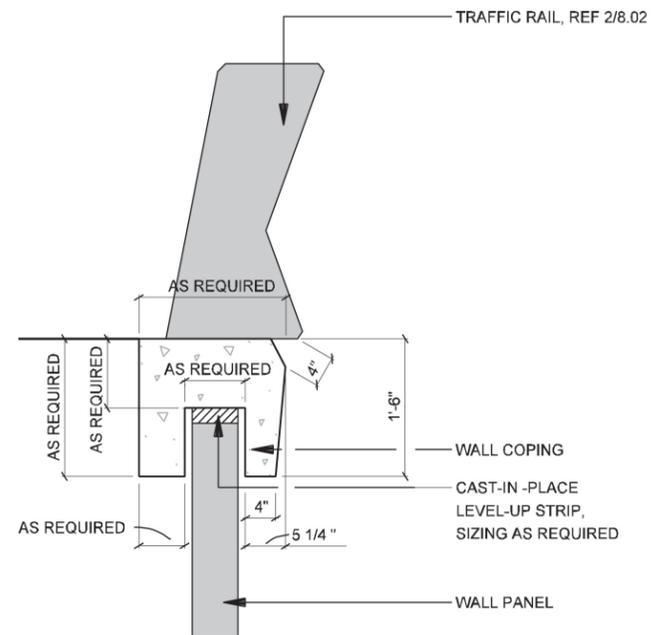
SECTION 2
MODIFIED SINGLE SLOPED BARRIER
 SCALE: 1/2"=1'-0"



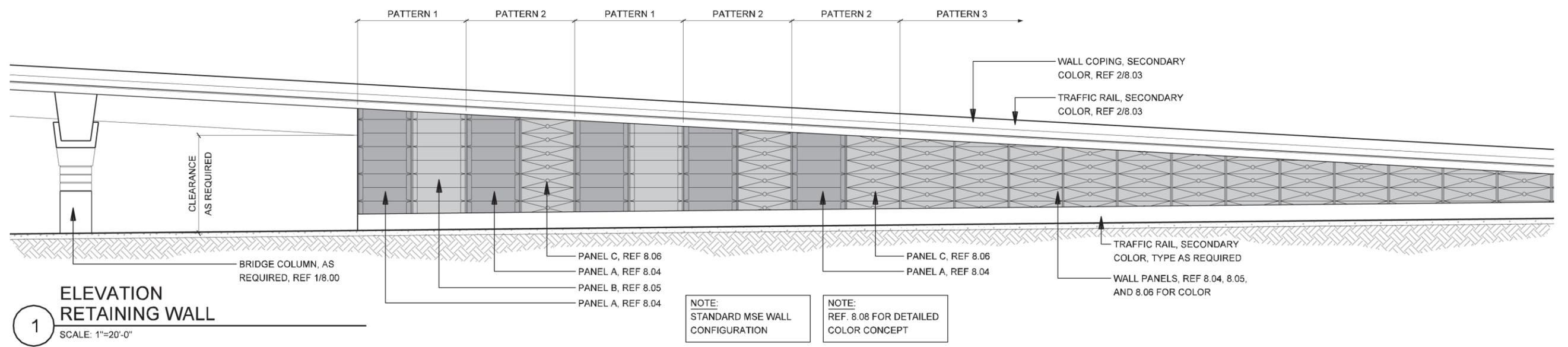
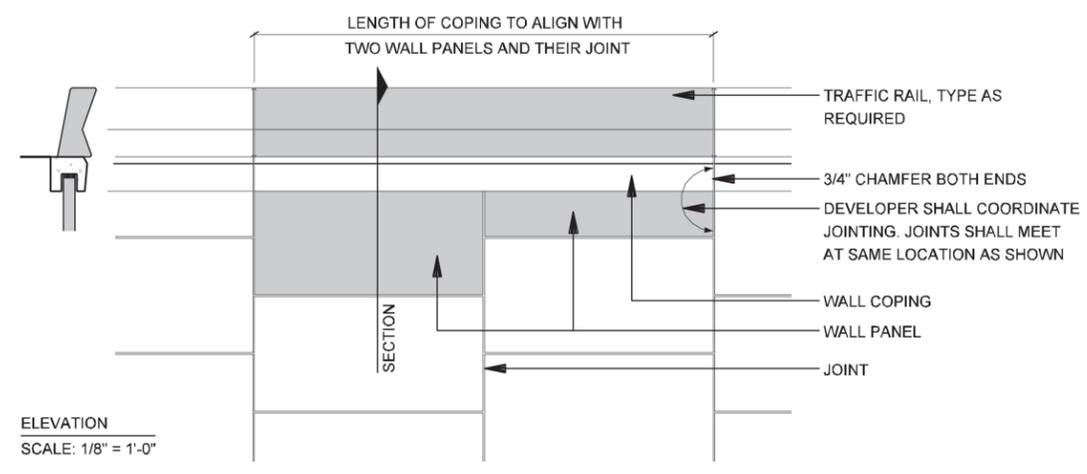
ELEVATION 1
COLUMN - ROTATION DIAGRAM
 SCALE: 1/8"=1'-0"

NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: IH-35E COLUMNS	ATTACHMENT: RID	SHEET NUMBER: 8.02
---------------------	--------------------	-----------------------------------	--------------------	------------------------------



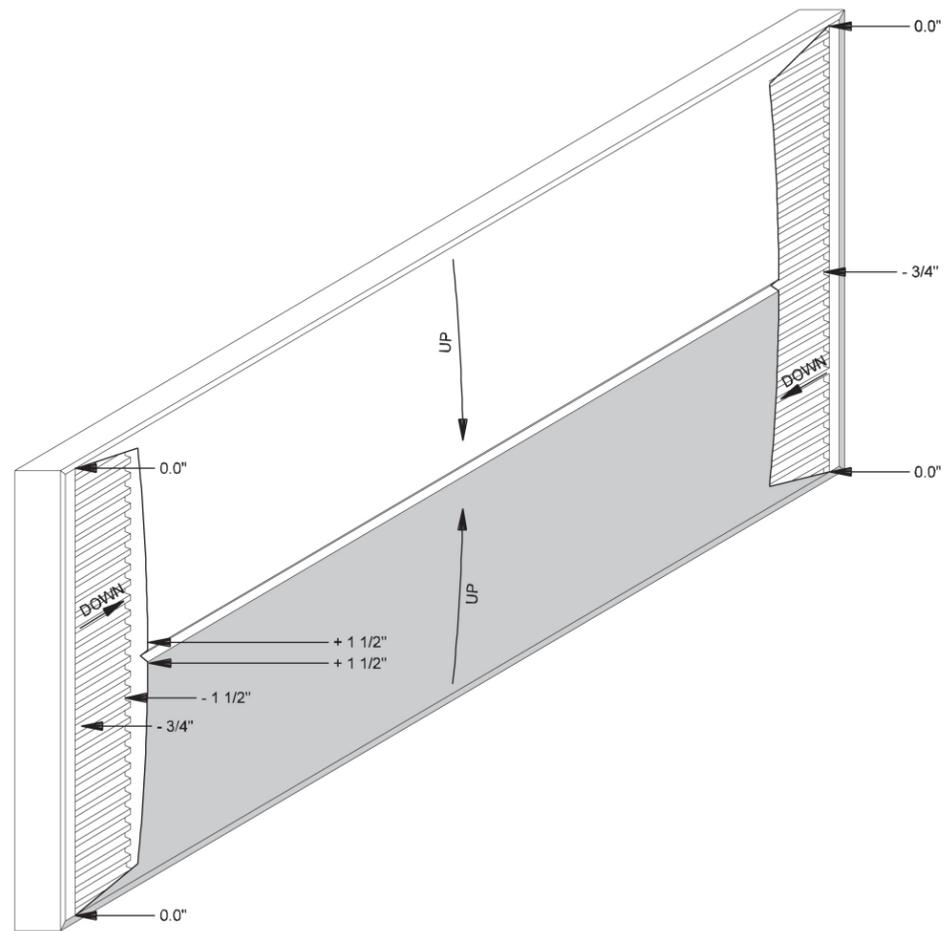
2 SECTION WALL COPING, TYP.
SCALE: 1/2"=1'-0"



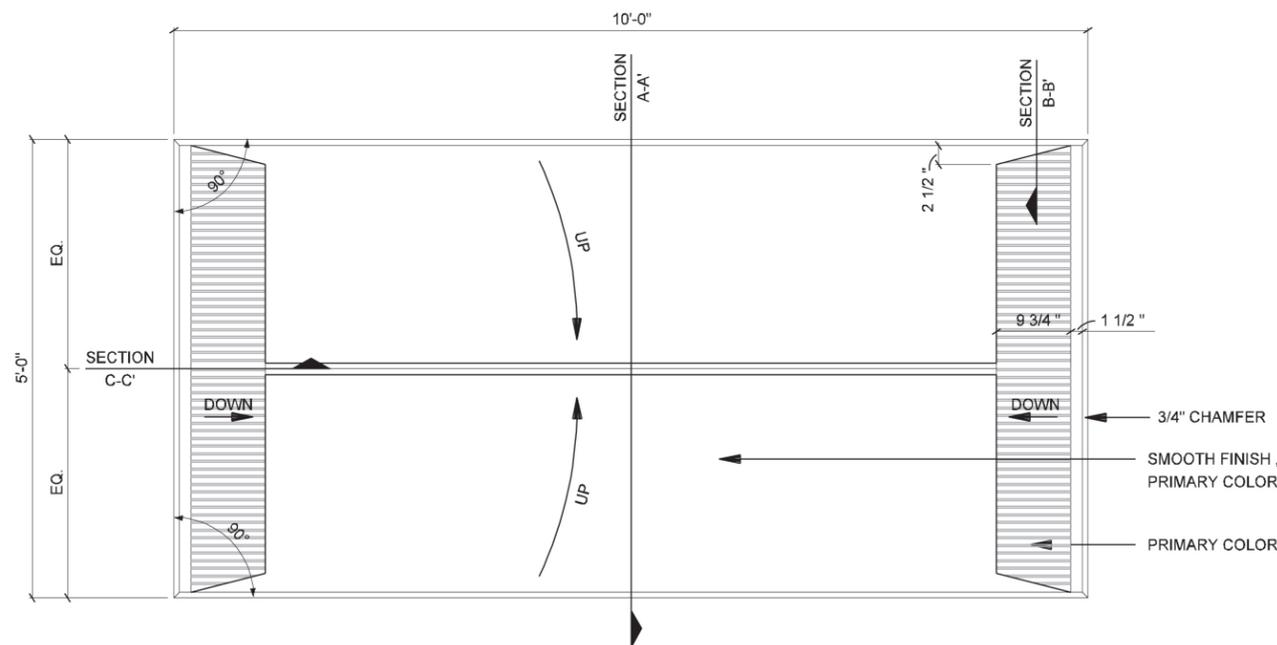
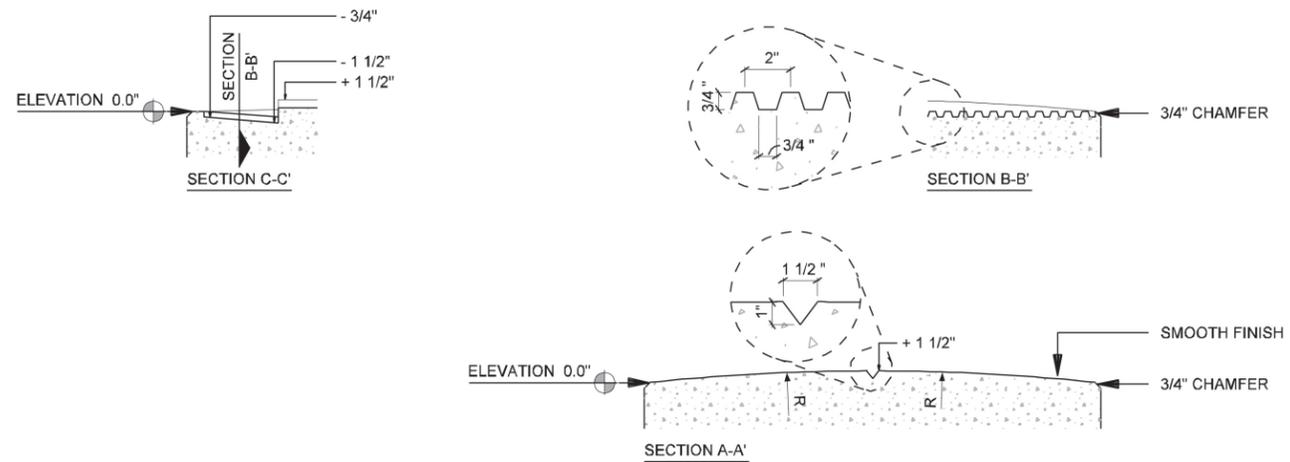
1 ELEVATION RETAINING WALL
SCALE: 1"=20'-0"

NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: IH-35E RETAINING WALLS	ATTACHMENT: RID	SHEET NUMBER: 8.03
---------------------	--------------------	---	--------------------	------------------------------



ISOMETRIC VIEW



SECTION WALL PANEL A
SCALE: 1/2"=1'-0"

NOTES:

- PANELS ARE BASED ON A STANDARD STAGGERED MSE 5 x 10 PANEL (50 SF). CONTRACTOR TO PROVIDE DETAILED DRAWINGS WITH SAME DESIGN AND DESIGN INTENT IF ANOTHER METHOD OF CONSTRUCTION IS USED



IH635 MANAGED LANES PROJECT



NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

DATE:

12/07/2007

SCALE:

AS NOTED

SHEET CONTENTS:

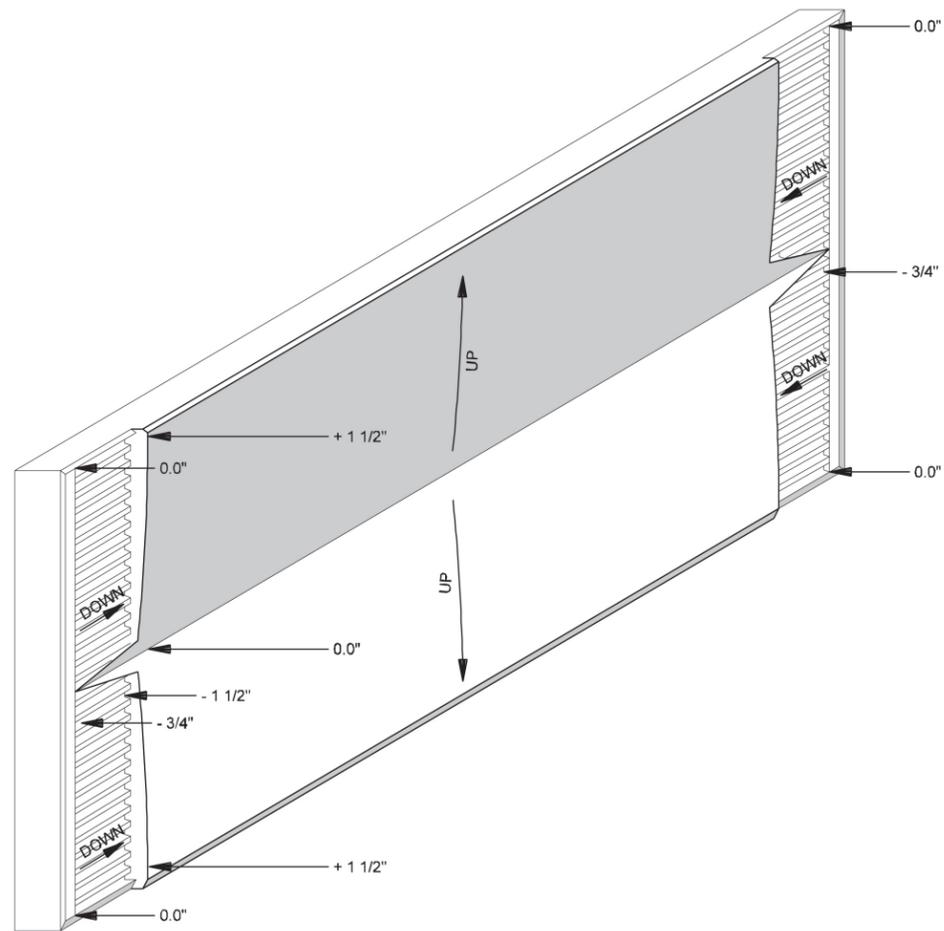
IH-35E RETAINING WALLS

ATTACHMENT:

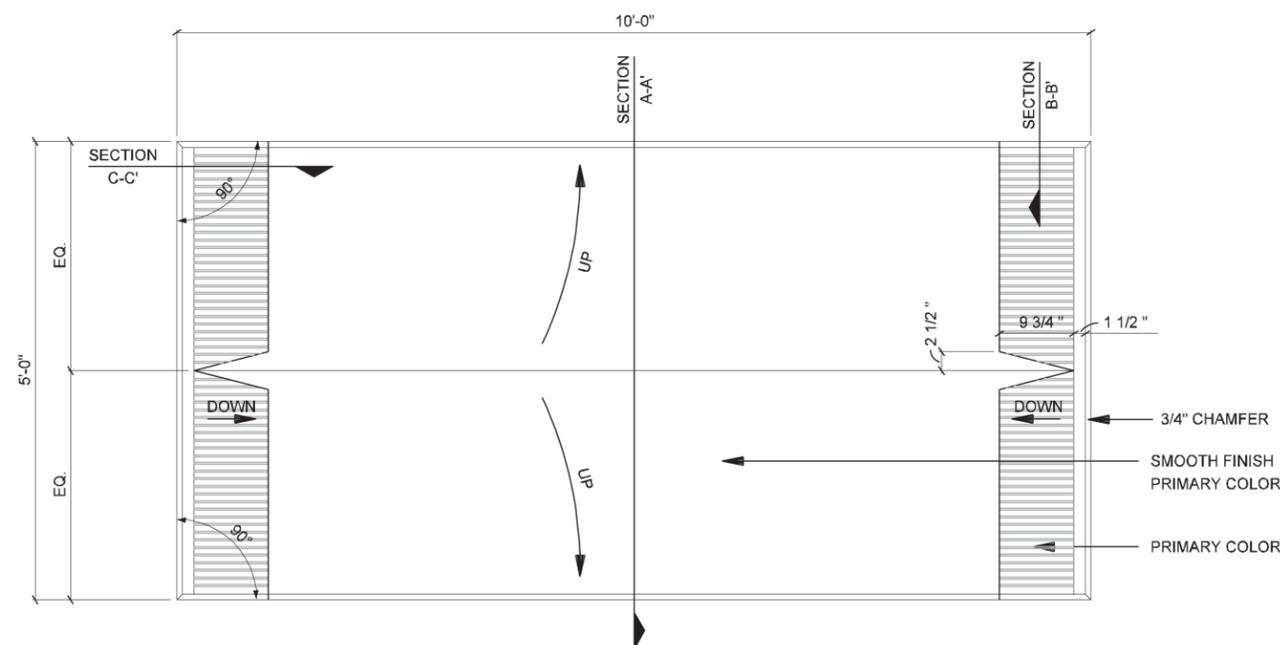
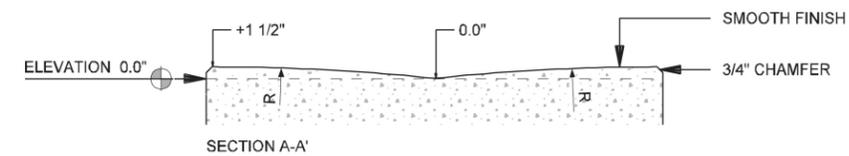
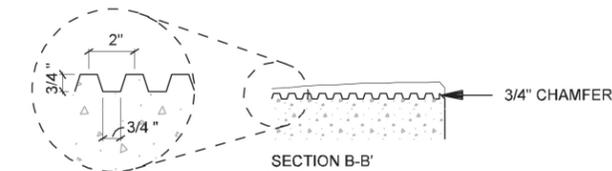
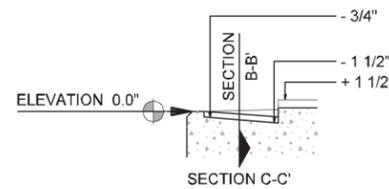
RID

SHEET NUMBER:

8.04



ISOMETRIC VIEW



SECTION WALL PANEL B
SCALE: 1/2"=1'-0"

NOTES:

- PANELS ARE BASED ON A STANDARD STAGGERED MSE 5 x 10 PANEL (50 SF). CONTRACTOR TO PROVIDE DETAILED DRAWINGS WITH SAME DESIGN AND DESIGN INTENT IF ANOTHER METHOD OF CONSTRUCTION IS USED



IH635 MANAGED LANES PROJECT



NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

DATE:

12/07/2007

SCALE:

AS NOTED

SHEET CONTENTS:

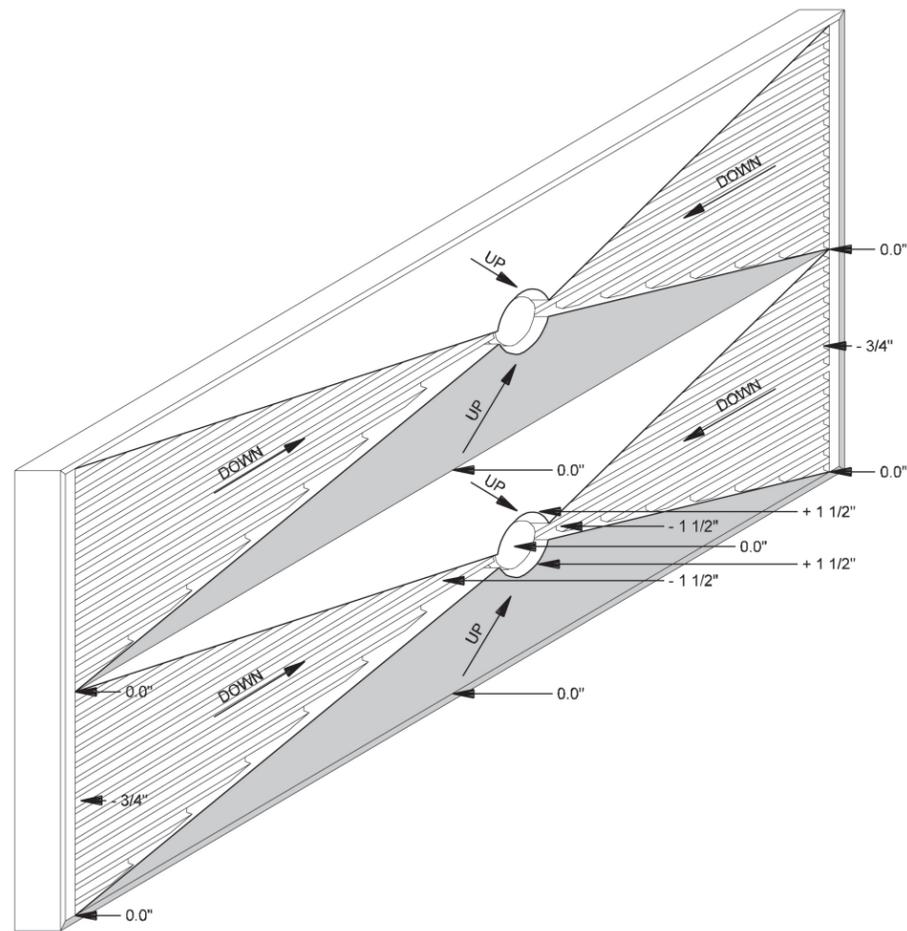
IH-35E RETAINING WALLS

ATTACHMENT:

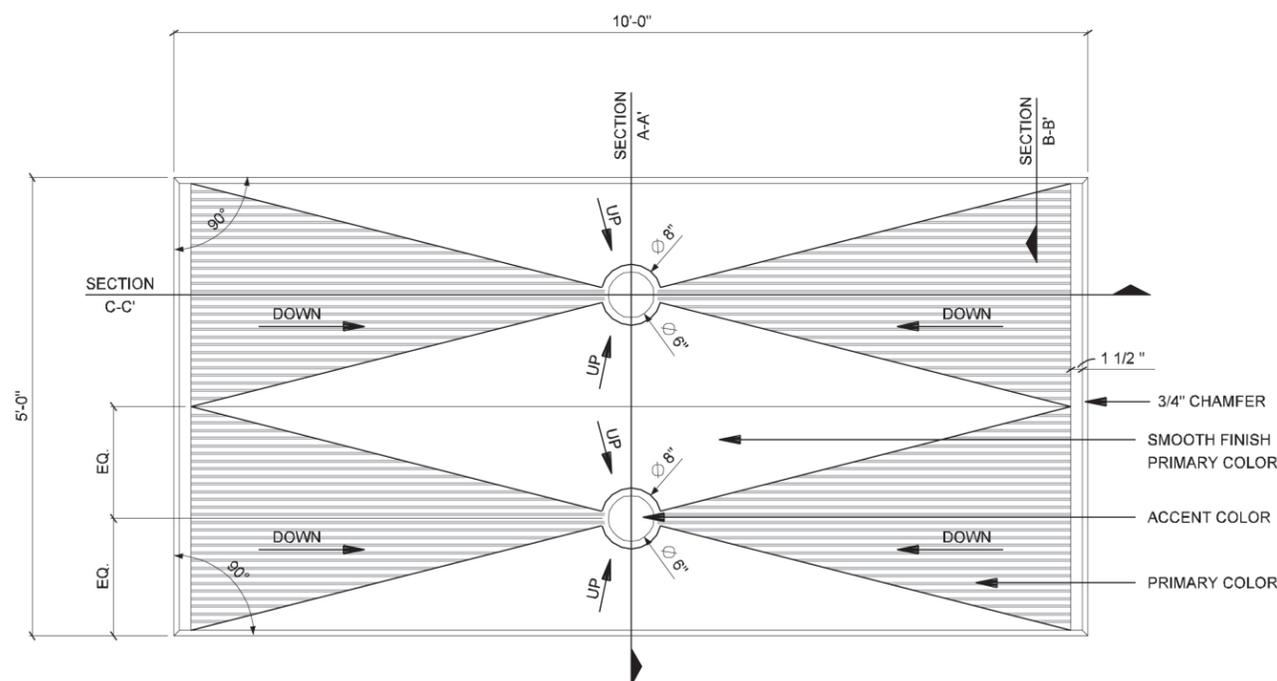
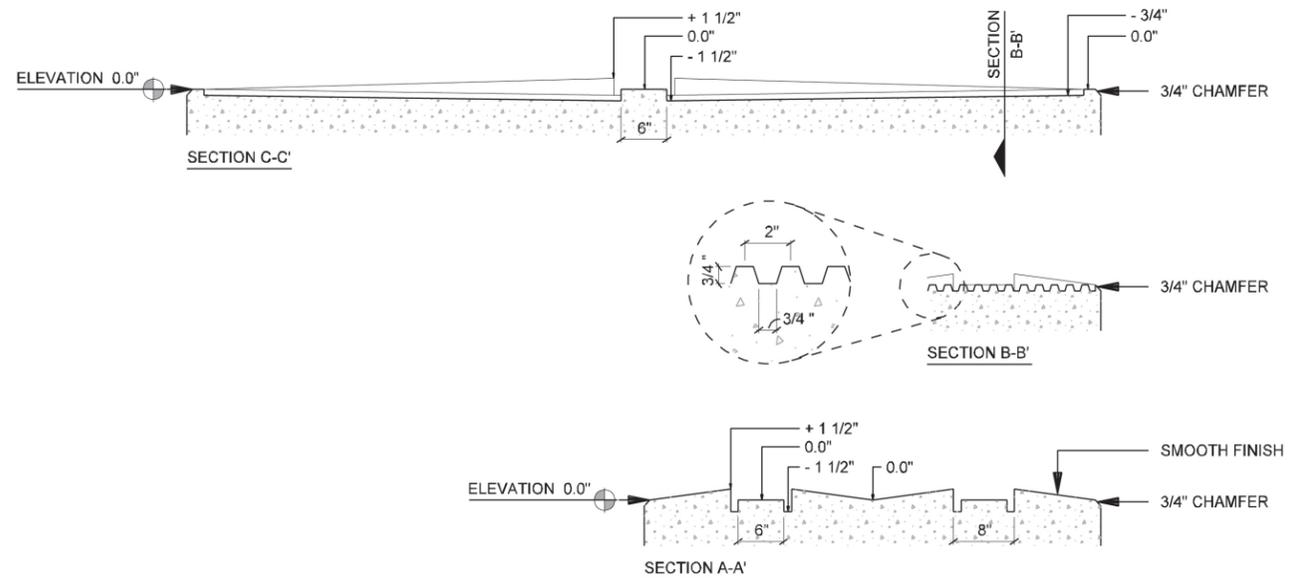
RID

SHEET NUMBER:

8.05



ISOMETRIC VIEW



SECTION WALL PANEL C
SCALE: 1/2"=1'-0"

NOTES:

- PANELS ARE BASED ON A STANDARD STAGGERED MSE 5 x 10 PANEL (50 SF). CONTRACTOR TO PROVIDE DETAILED DRAWINGS WITH SAME DESIGN AND DESIGN INTENT IF ANOTHER METHOD OF CONSTRUCTION IS USED



IH635 MANAGED LANES PROJECT



NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

DATE:

12/07/2007

SCALE:

AS NOTED

SHEET CONTENTS:

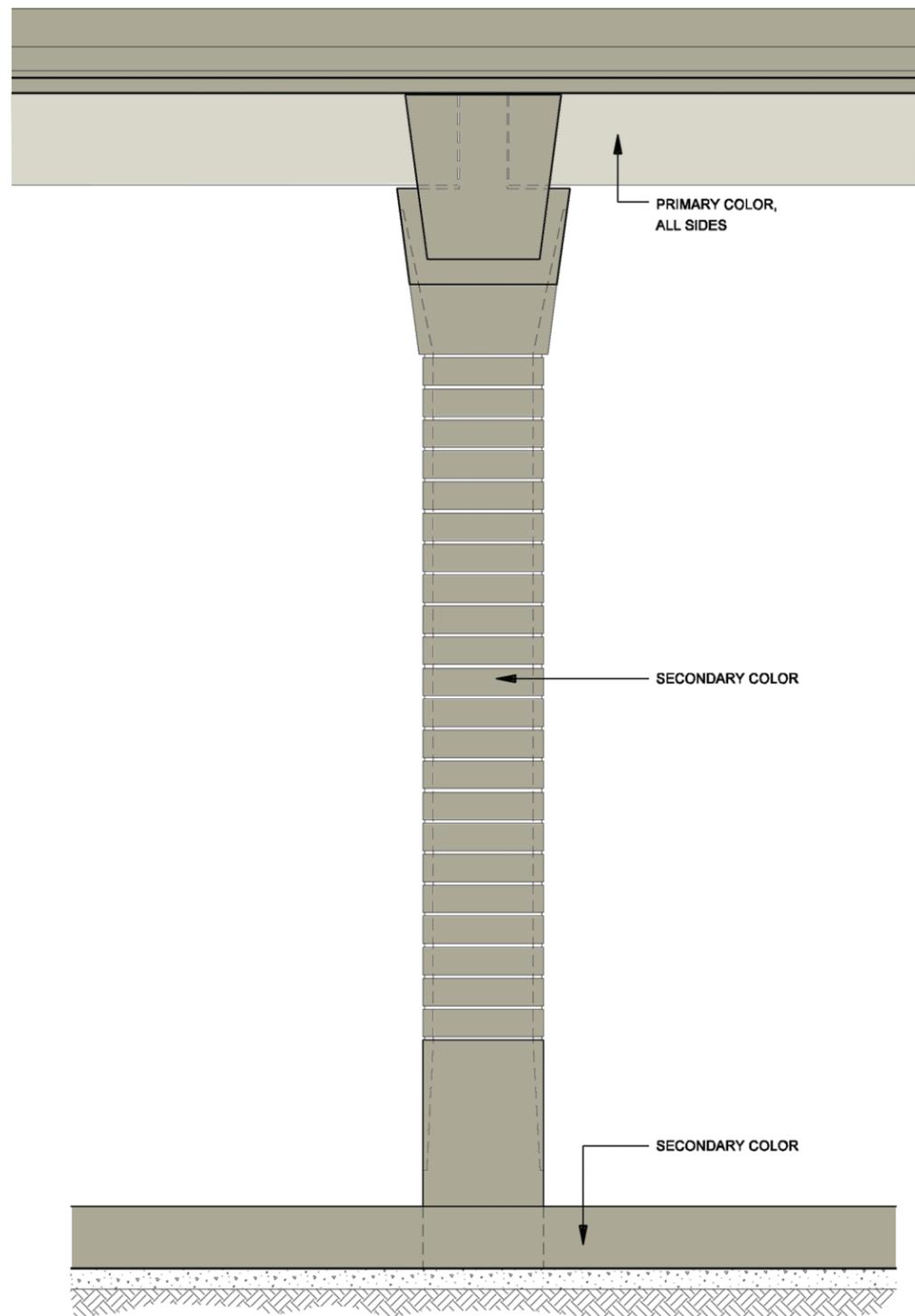
IH-35E RETAINING WALLS

ATTACHMENT:

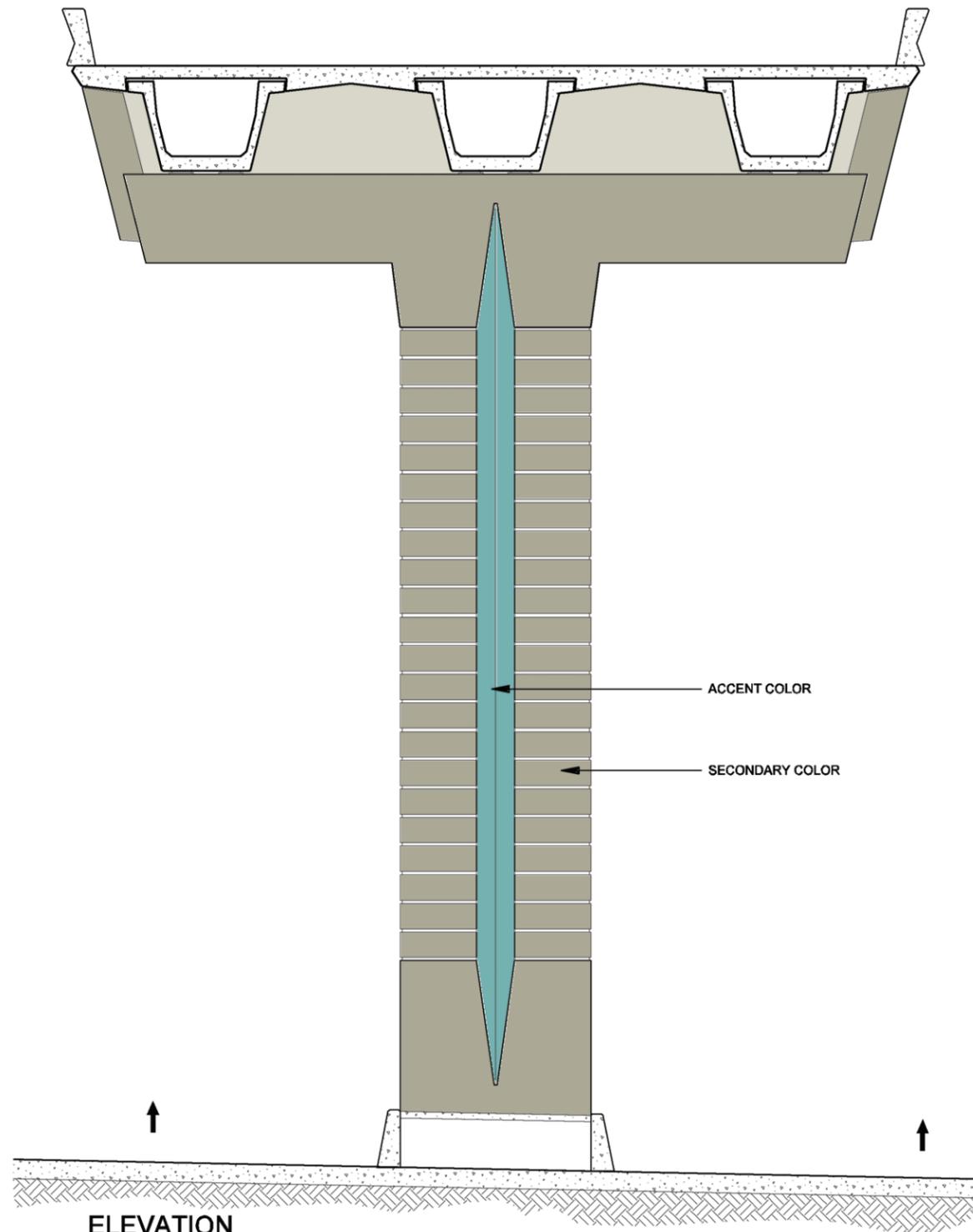
RID

SHEET NUMBER:

8.06

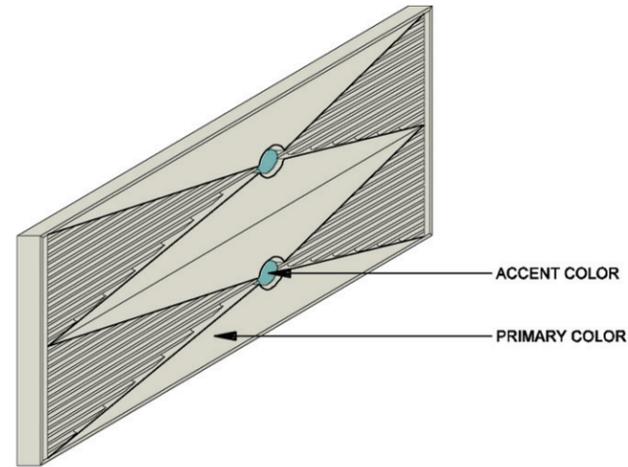


2 ELEVATION
 IH-35E ELEVATED MAINLANES COLUMN - COLOR CONCEPT
 SCALE: 1/8"=1'-0"

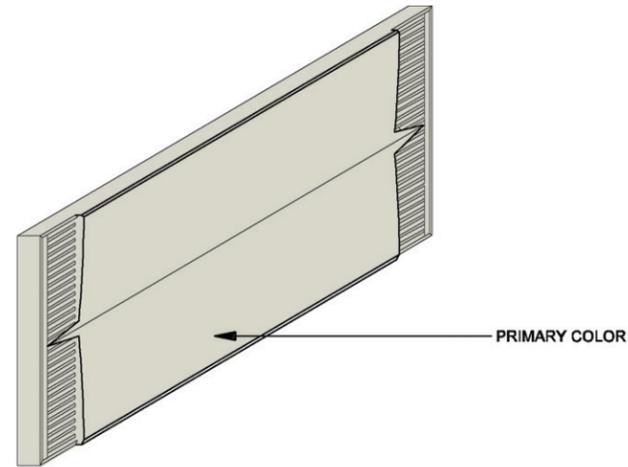


1 ELEVATION
 IH-35E ELEVATED MAINLANES COLUMN - COLOR CONCEPT
 SCALE: 1/8"=1'-0"

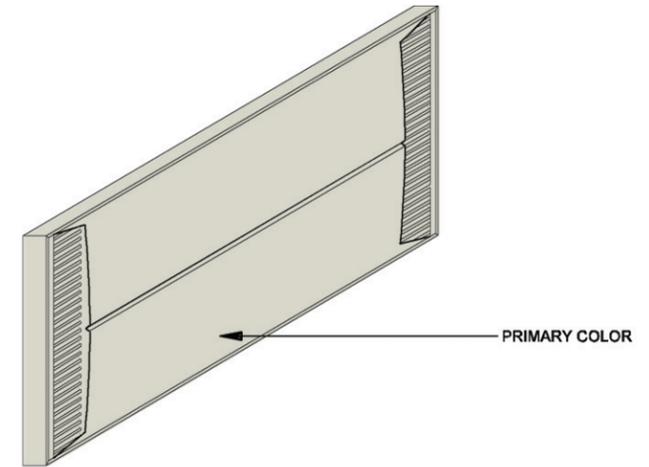
DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: IH-35E COLUMNS	ATTACHMENT: RID	SHEET NUMBER: 8.07
---------------------	--------------------	-----------------------------------	--------------------	------------------------------



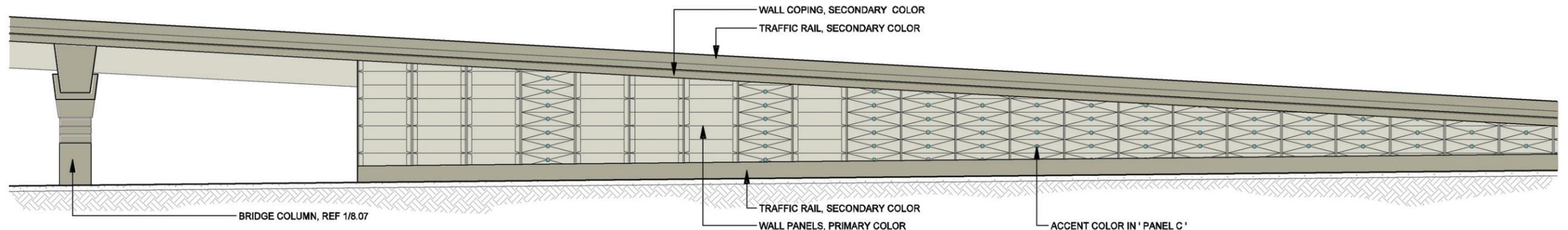
4 ISOMETRIC WALL PANEL C - COLOR CONCEPT
SCALE: 1/4"=1'-0"



3 ISOMETRIC WALL PANEL B - COLOR CONCEPT
SCALE: 1/4"=1'-0"



2 ISOMETRIC WALL PANEL A - COLOR CONCEPT
SCALE: 1/4"=1'-0"

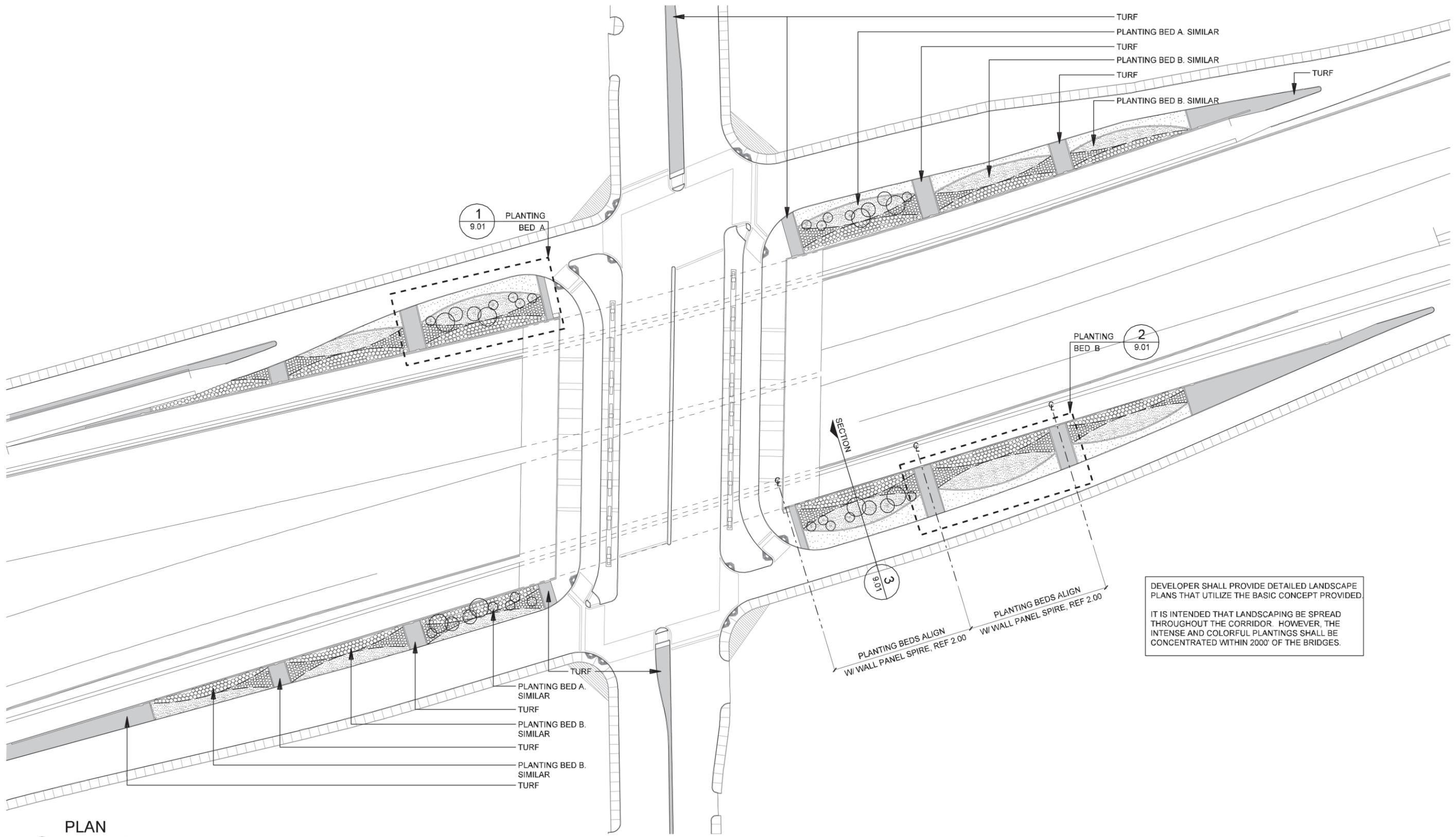


1 ELEVATION RETAINING WALL - COLOR CONCEPT
SCALE: 1"=20'-0"

DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: IH-35E RETAINING WALLS	ATTACHMENT: RID	SHEET NUMBER: 8.08
---------------------	--------------------	---	--------------------	-----------------------



LANDSCAPING



DEVELOPER SHALL PROVIDE DETAILED LANDSCAPE PLANS THAT UTILIZE THE BASIC CONCEPT PROVIDED.

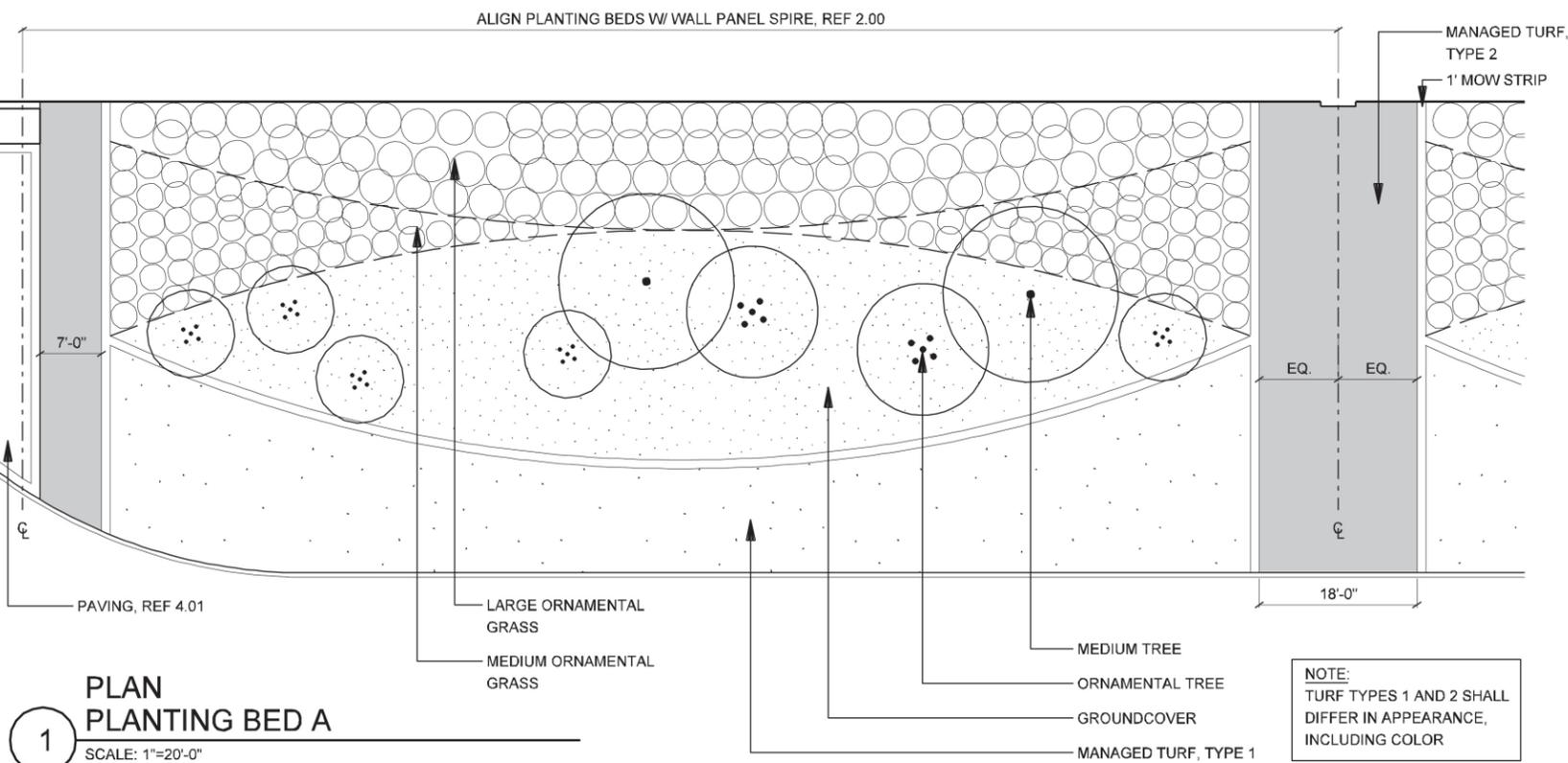
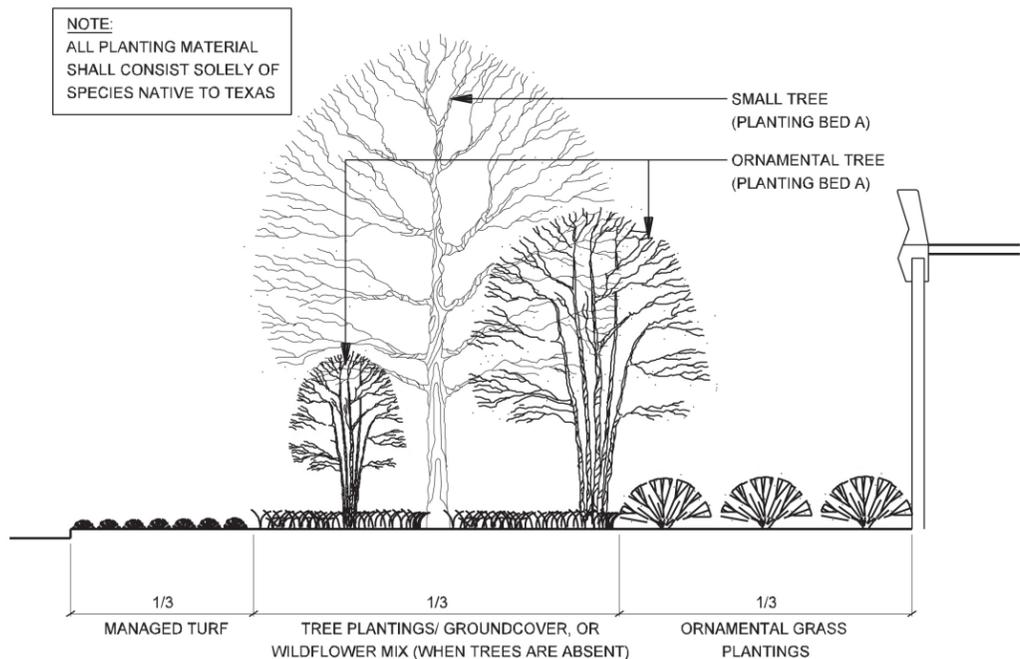
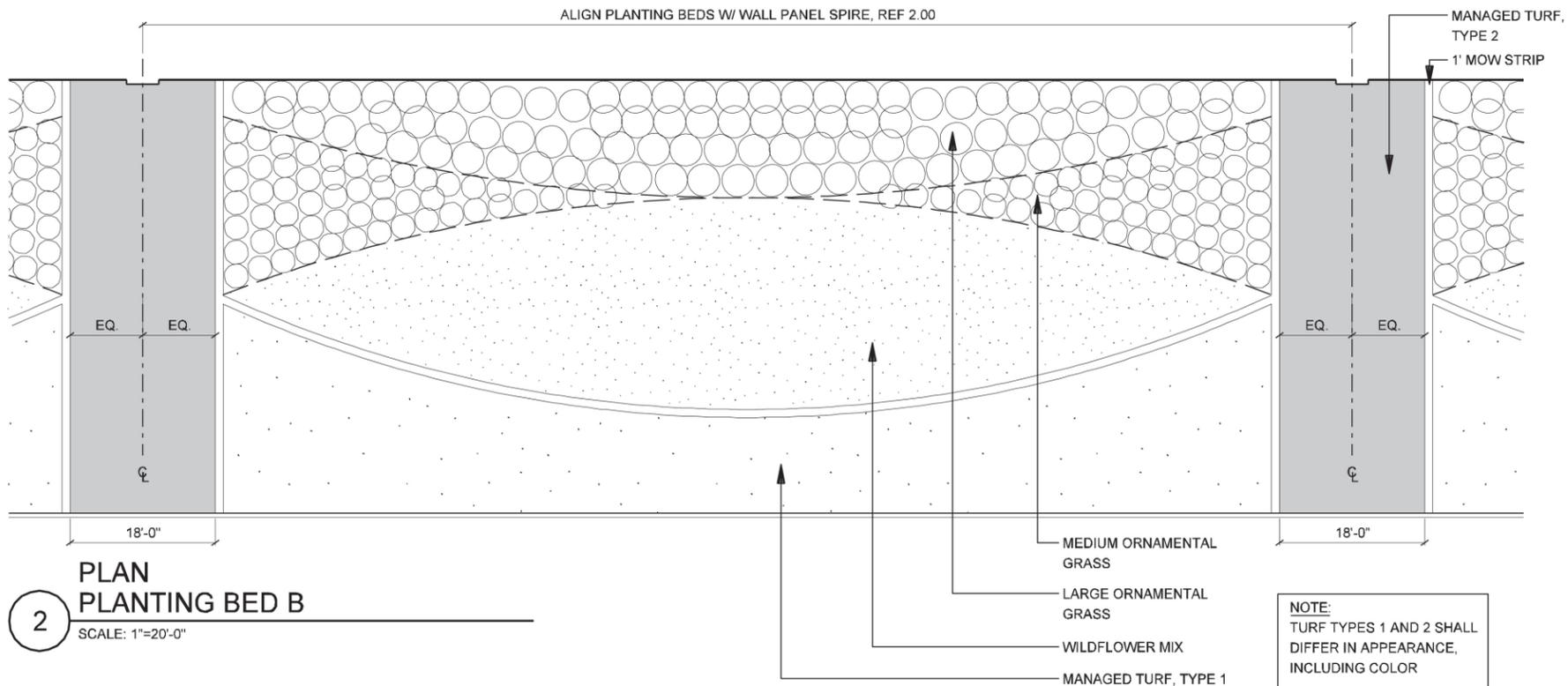
IT IS INTENDED THAT LANDSCAPING BE SPREAD THROUGHOUT THE CORRIDOR. HOWEVER, THE INTENSE AND COLORFUL PLANTINGS SHALL BE CONCENTRATED WITHIN 2000' OF THE BRIDGES.

1 PLAN LANDSCAPE
SCALE: 1"=100'-0"



NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

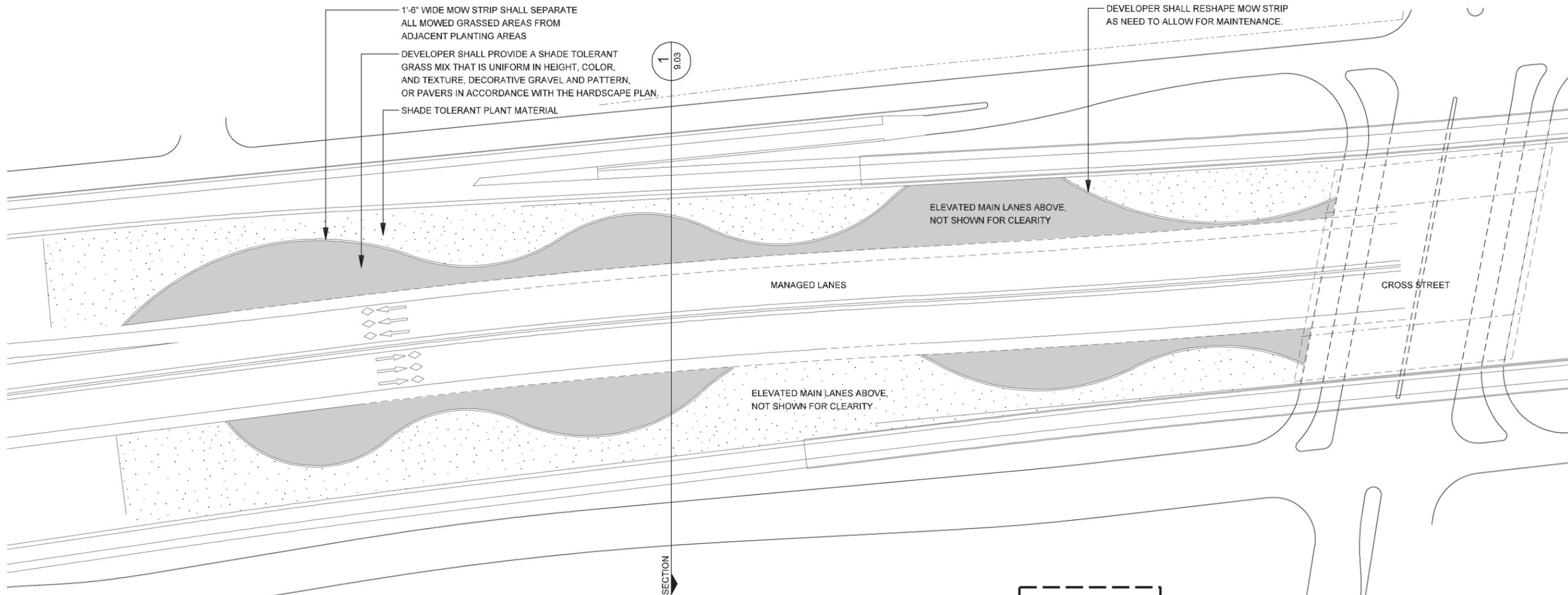
DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: LANDSCAPE PLAN	ATTACHMENT: RID	SHEET NUMBER: 9.00
---------------------	--------------------	-----------------------------------	--------------------	------------------------------



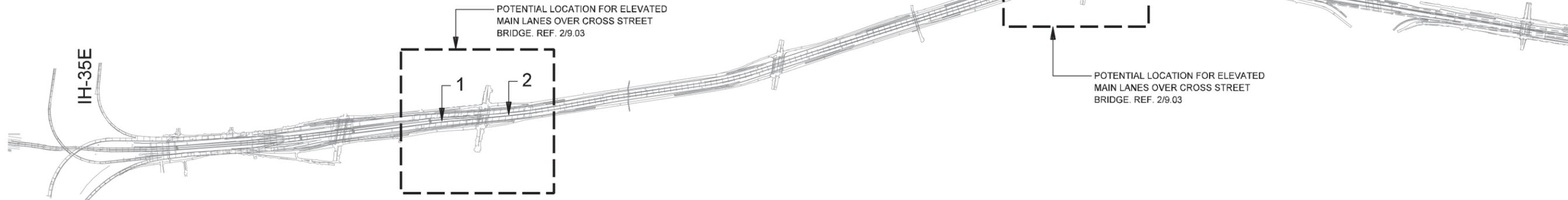
3
SECTION
PLANTING BEDS
SCALE: 1"=10'-0"

NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: LANDSCAPE PLAN	ATTACHMENT: RID	SHEET NUMBER: 9.01
---------------------	--------------------	-----------------------------------	--------------------	-----------------------



2 PLAN LANDSCAPE - AT ELEVATED MAIN LANES
SCALE: 1"=100'-0"

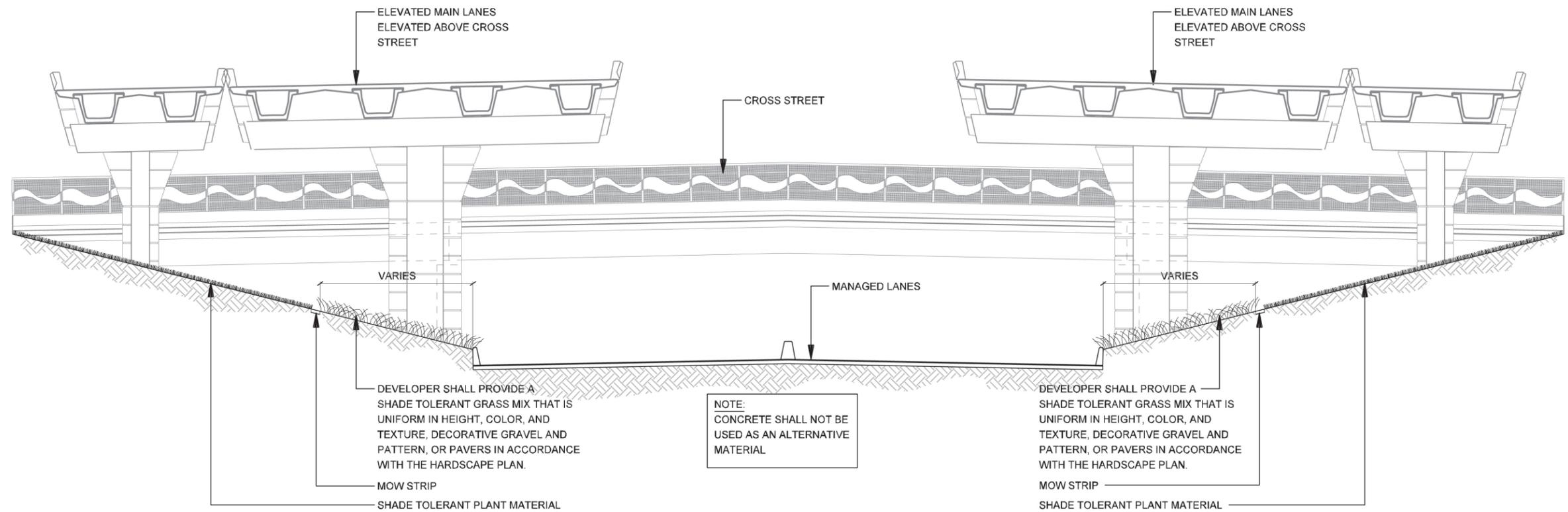


1 PLAN LANDSCAPE AT ELEVATED MAIN LANES - LOCATIONS PER SCHEMATIC
SCALE: N.T.S.



NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

DATE: 12/07/2007	SCALE: AS NOTED	SHEET CONTENTS: LANDSCAPE PLAN	ATTACHMENT: RID	SHEET NUMBER: 9.02
---------------------	--------------------	-----------------------------------	--------------------	-----------------------



SECTION
 1 LANDSCAPE AT ELEVATED MAIN LANES
 SCALE: 1"=20'-0"

NOTE: SHADING USED ON THE SHEET DOES NOT INDICATE USE OF COLOR. THE SHADING IS INTENDED TO AID IN THE VISUAL CLARITY OF THE DETAILS

DATE:
12/07/2007

SCALE:
AS NOTED

SHEET CONTENTS:
LANDSCAPE PLAN

ATTACHMENT:
RID

SHEET NUMBER:
9.03