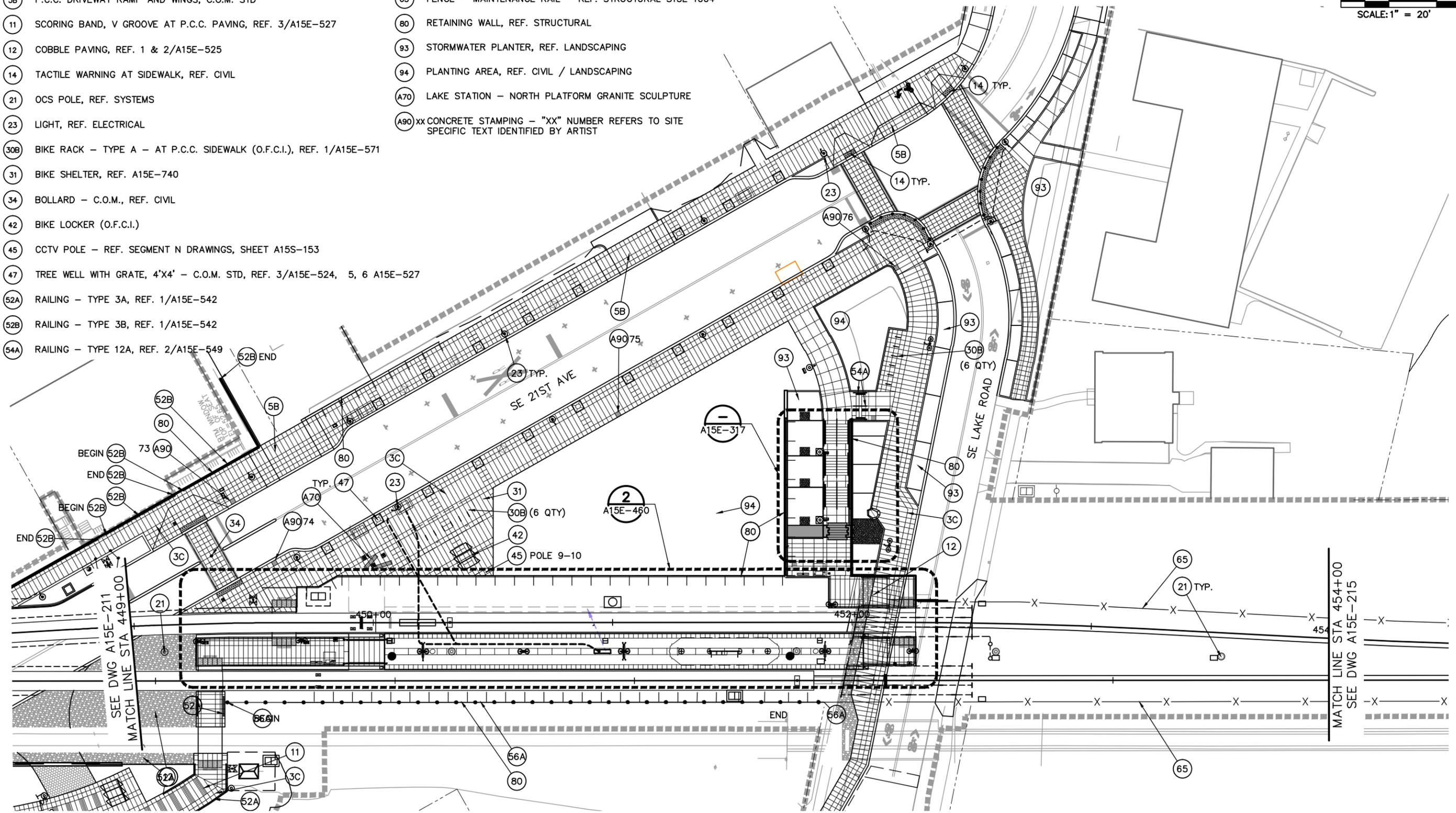
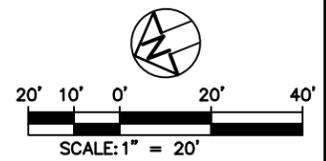


ARCHITECTURAL KEYNOTES

- 3C P.C.C. SIDEWALK, C.O.M. STD, REF. 3/A15E-524
- 5B P.C.C. DRIVEWAY RAMP AND WINGS, C.O.M. STD
- 11 SCORING BAND, V GROOVE AT P.C.C. PAVING, REF. 3/A15E-527
- 12 COBBLE PAVING, REF. 1 & 2/A15E-525
- 14 TACTILE WARNING AT SIDEWALK, REF. CIVIL
- 21 OCS POLE, REF. SYSTEMS
- 23 LIGHT, REF. ELECTRICAL
- 30B BIKE RACK - TYPE A - AT P.C.C. SIDEWALK (O.F.C.I.), REF. 1/A15E-571
- 31 BIKE SHELTER, REF. A15E-740
- 34 BOLLARD - C.O.M., REF. CIVIL
- 42 BIKE LOCKER (O.F.C.I.)
- 45 CCTV POLE - REF. SEGMENT N DRAWINGS, SHEET A15S-153
- 47 TREE WELL WITH GRATE, 4'X4' - C.O.M. STD, REF. 3/A15E-524, 5, 6 A15E-527
- 52A RAILING - TYPE 3A, REF. 1/A15E-542
- 52B RAILING - TYPE 3B, REF. 1/A15E-542
- 54A RAILING - TYPE 12A, REF. 2/A15E-549
- 56A RAILING - TYPE 7A, REF. 1/A15E-550
- 65 FENCE - MAINTENANCE RAIL - REF. STRUCTURAL S15E 1004
- 80 RETAINING WALL, REF. STRUCTURAL
- 93 STORMWATER PLANTER, REF. LANDSCAPING
- 94 PLANTING AREA, REF. CIVIL / LANDSCAPING
- A70 LAKE STATION - NORTH PLATFORM GRANITE SCULPTURE
- A90xx CONCRETE STAMPING - "XX" NUMBER REFERS TO SITE SPECIFIC TEXT IDENTIFIED BY ARTIST



Mar 20, 2012 10:35am

Rheiden

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NO.	DATE	BY	APPD.	REVISIONS
5-14-12	XXX	XXX		ISSUED FOR CONSTRUCTION

RAH DESIGNED	06-01-11 DATE
JFC DRAWN	06-01-11 DATE
TLC CHECKED	11-03-11 DATE
APPROVED	5-14-12 DATE



TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

Mayer/Reed

DAVID EVANS AND ASSOCIATES, INC.

TRIOMET

CAPITAL PROJECTS AND FACILITIES DIVISION
710 N.E. HOLLADAY STREET
PORTLAND, OREGON 97232

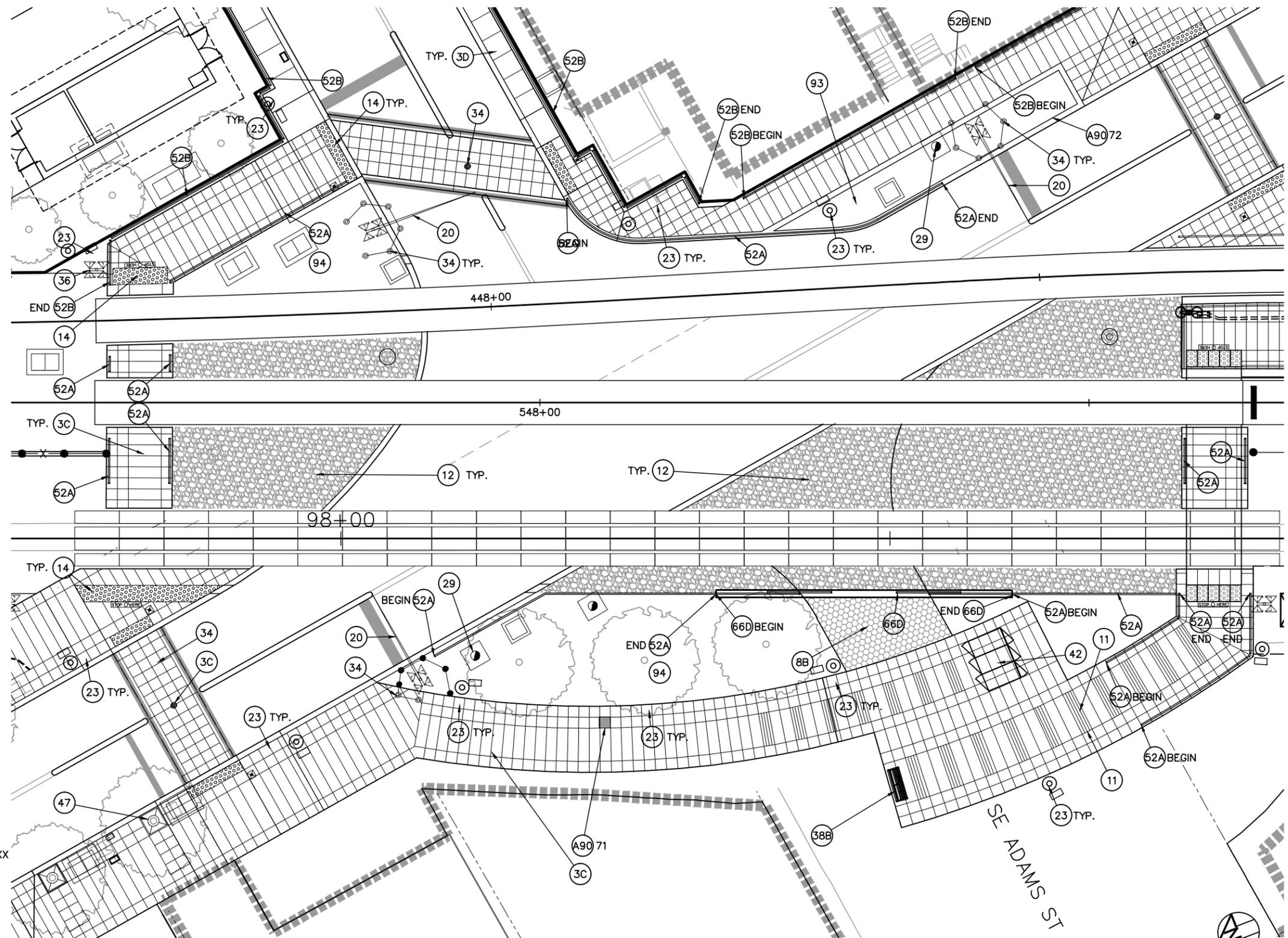
SUBMITTED: DATE: 5-14-12 APPROVED: DATE: 5-14-12

PORTLAND TO MILWAUKIE LRT
EAST SEGMENT Exhibit T 1

ARCHITECTURAL
SITE PLAN (MILWAUKIE/MAIN STREET STATION)
STA 449+00 TO STA 454+00

SCALE: 1"=20' DRAWING NO.: A15E-213 CONTRACT NO.: RH100544JB SHEET NO.:

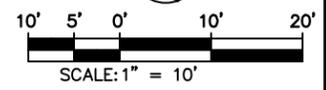
1
 2
 3
 4
 5
 R:\projects\pme\orga\shhets\A15E-316.dwg
 Mar 20, 2012 10:45am
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ARCHITECTURAL KEYNOTES

- (3C) P.C.C. SIDEWALK, C.O.M. STD, REF. 3/A15E-524
- (3D) P.C.C. SIDEWALK. SCORING PER PLANS
- (8B) FLEXIBLE POROUS PAVING, REF. 1/A15E-526
- (11) SCORING BAND, V GROOVE AT P.C.C. PAVING, REF. 3/A15E-527
- (12) COBBLE PAVING, REF. 1 & 2/A15E-525
- (14) TACTILE WARNING AT SIDEWALK, REF. CIVIL
- (20) CROSSING GATE, REF. CIVIL
- (21) OCS POLE, REF. SYSTEMS
- (23) LIGHT, REF. ELECTRICAL
- (29) TRAFFIC SIGNAL POLE, REF. TRAFFIC PLANS
- (34) BOLLARD - C.O.M., REF. CIVIL
- (36) PEDESTRIAN WARNING DEVICE, REF. ELEC.
- (38B) BENCH - TYPE A - C.O.M. STD. (O.F.C.I), REF. 1/A15E-572
- (42) BIKE LOCKER (O.F.C.I.)
- (47) TREE WELL WITH GRATE, 4'X4' - C.O.M. STD, REF. 3/A15E-524, 5, 6 A15E-527
- (52A) RAILING - TYPE 3A, REF. 1/A15E-542
- (52B) RAILING - TYPE 3B, REF. 2/A15E-542
- (60B) FENCE - TYPE 9B - 72" WELDED WIRE FENCE, REF. X/A15E-XXX
- (66D) GATE - FIRE ACCESS, REF. 1/A15E-547
- (93) STORMWATER PLANTER, REF. LANDSCAPING
- (94) PLANTING AREA, REF. CIVIL / LANDSCAPING
- (A90) XX CONCRETE STAMPING - "XX" NUMBER REFERS TO SITE SPECIFIC TEXT IDENTIFIED BY ARTIST

ENLARGED PLANS - SE ADAMS STREET (1)
 SCALE: 1" = 10'-0"



NO.	DATE	BY	CHK.	APPD.	REVISIONS
5-14-12	XXX	XXX			ISSUED FOR CONSTRUCTION

RAH DESIGNED	06-01-11 DATE
JFC DRAWN	06-01-11 DATE
TLC CHECKED	11-03-11 DATE
APPROVED	5-14-12 DATE



TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON
Mayer/Reed
DAVID EVANS AND ASSOCIATES, INC.
TRI-COUNTY MET
 CAPITAL PROJECTS AND FACILITIES DIVISION
 710 N.E. HOLLADAY STREET
 PORTLAND, OREGON 97232

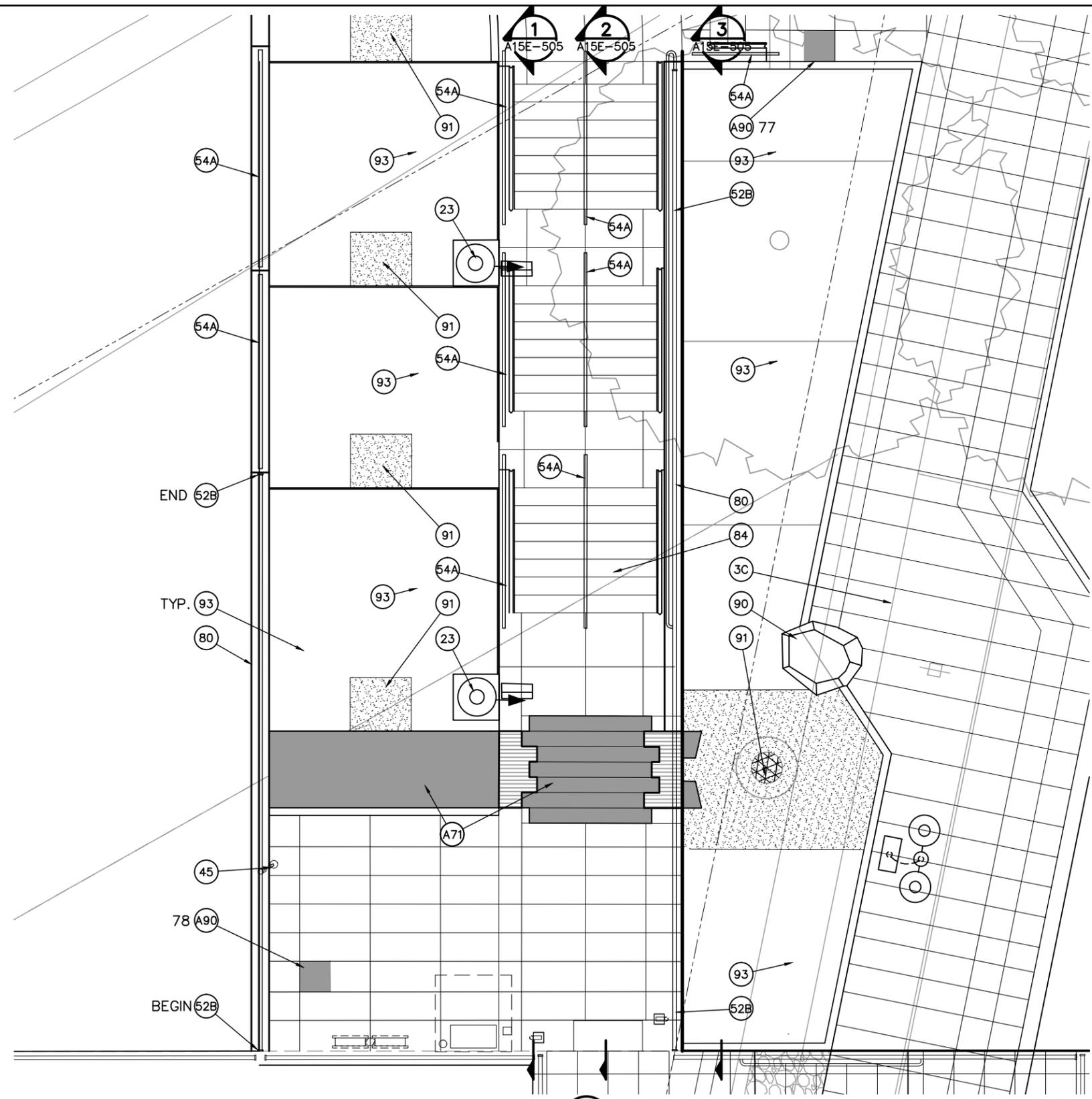
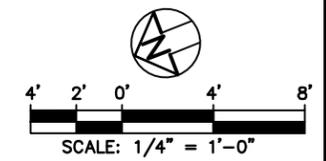
PORTLAND TO MILWAUKIE LRT
EAST SEGMENT
 ARCHITECTURAL ENLARGED PLAN
 SE ADAMS ST
Exhibit T 2

SUBMITTED: DATE: 5-14-12 APPROVED: DATE: 5-14-12
 SCALE: 1"=10' DRAWING NO.: A15E-316 CONTRACT NO.: RH100544JB SHEET NO.:

Mar 20, 2012 10:37am

Rheiden

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ARCHITECTURAL KEYNOTES

- 3C P.C.C. SIDEWALK, C.O.M. STD, REF. 3/A15E-524
- 23 LIGHT, REF. ELECTRICAL
- 45 CCTV POLE - REF. SEGMENT N DRAWINGS, SHEET A15S-153
- 52A RAILING - TYPE 3A, REF. 1/A15E-542
- 52B RAILING - TYPE 3B, REF. 1/A15E-542
- 54A RAILING - TYPE 12A, REF. 2/A15E-549
- 80 RETAINING WALL, REF. STRUCTURAL
- 84 P.C.C. STEPS WITH HANDRAIL, REF. 2/A15E-549 FOR HANDRAIL, REF. STRUCTURAL FOR STEPS
- 90 GRANITE BOULDER, REF. 7/A15E-526
- 91 AGGREGATE SPLASH PAD
- 93 STORMWATER PLANTER, REF. LANDSCAPING
- A71 LAKE STATION - SOUTH PLATFORM GRANITE SCULPTURE
- A90xx CONCRETE STAMPING - "XX" NUMBER REFERS TO SITE SPECIFIC TEXT IDENTIFIED BY ARTIST

ENLARGED PLANS - SE LAKE ROAD 1
SCALE: 1/4" = 1'-0"

NO.	DATE	BY	APPD.	REVISIONS
5-14-12	XXX	XXX		ISSUED FOR CONSTRUCTION

RAH	06-01-11
DESIGNED	DATE
JFC	06-01-11
DRAWN	DATE
TLC	11-03-11
CHECKED	DATE
APPROVED	5-14-12
	DATE



TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

Mayer/Reed

DAVID EVANS AND ASSOCIATES, INC.

TRIOMET

CAPITAL PROJECTS AND FACILITIES DIVISION
710 N.E. HOLLADAY STREET
PORTLAND, OREGON 97232

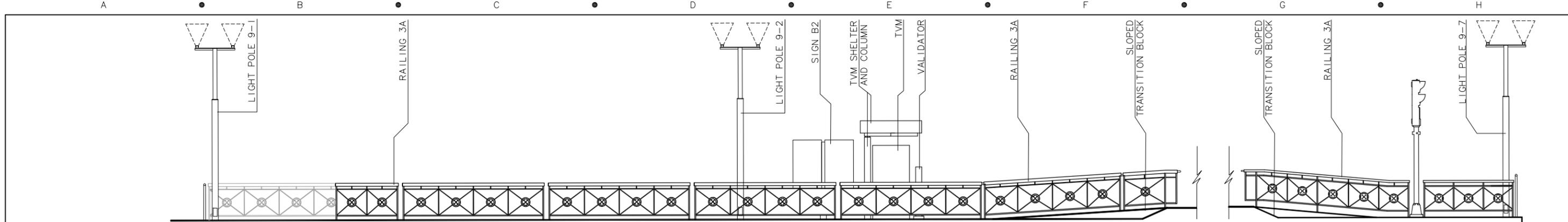
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PORTLAND TO MILWAUKIE LRT
EAST SEGMENT Exhibit T 3

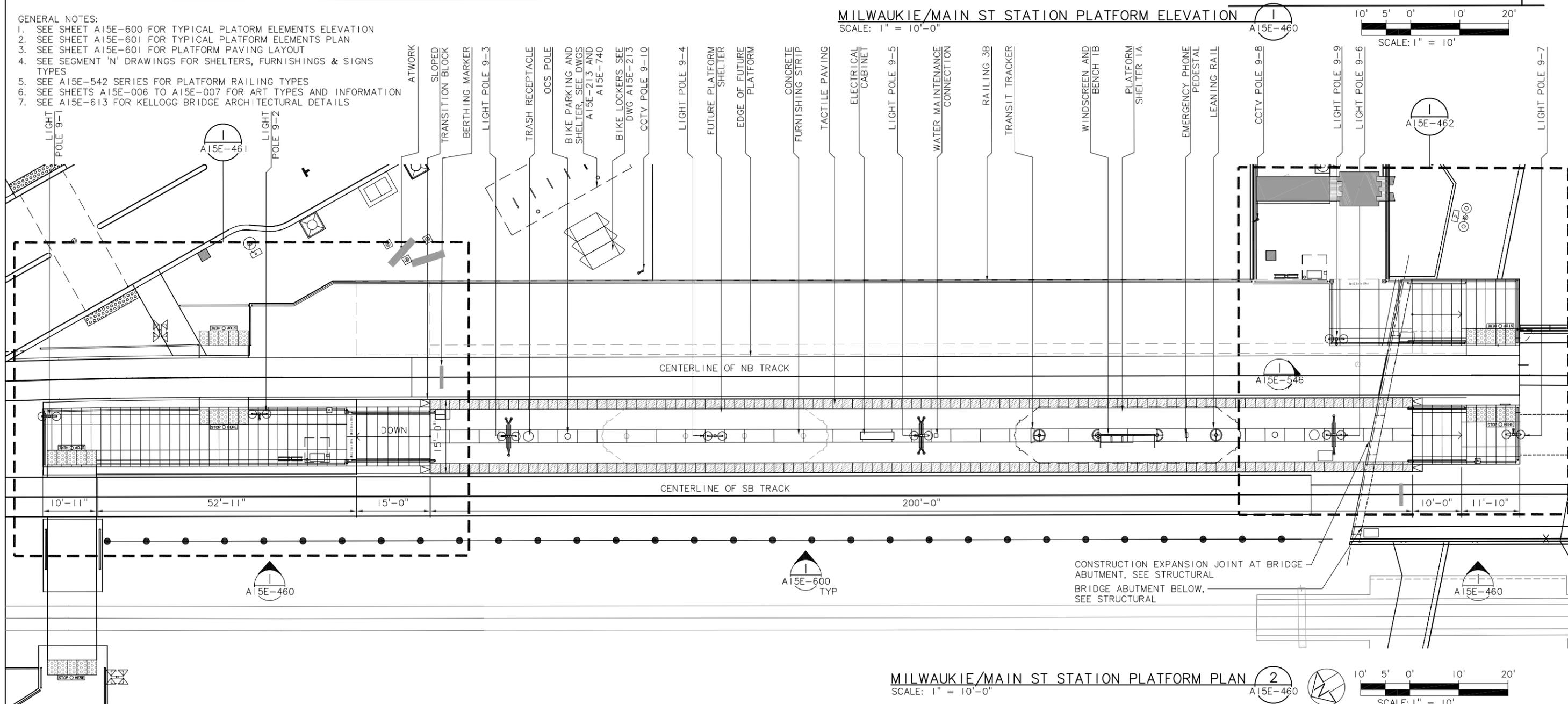
ARCHITECTURAL ENLARGED PLAN
SE LAKE RD

SCALE: 1/4"=1'-0" DRAWING NO.: A15E-317 CONTRACT NO.: RH100544JB SHEET NO.:

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 Plot Date: 3/20/2012 9:44 AM_meredith hendricks



- GENERAL NOTES:
1. SEE SHEET A15E-600 FOR TYPICAL PLATFORM ELEMENTS ELEVATION
 2. SEE SHEET A15E-601 FOR TYPICAL PLATFORM ELEMENTS PLAN
 3. SEE SHEET A15E-601 FOR PLATFORM PAVING LAYOUT
 4. SEE SEGMENT 'N' DRAWINGS FOR SHELTERS, FURNISHINGS & SIGNS TYPES
 5. SEE A15E-542 SERIES FOR PLATFORM RAILING TYPES
 6. SEE SHEETS A15E-006 TO A15E-007 FOR ART TYPES AND INFORMATION
 7. SEE A15E-613 FOR KELLOGG BRIDGE ARCHITECTURAL DETAILS



NO.	DATE	BY	APPRO.	REVISIONS
	03-26-12			ISSUED FOR CONSTRUCTION

MM DESIGNED	5-01-11	DATE
MH DRAWN	5-20-11	DATE
MH CHECKED	3-08-12	DATE
APPROVED	5-14-12	DATE



TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

CAPITAL PROJECTS AND FACILITIES DIVISION
 710 N.E. HOLLADAY STREET
 PORTLAND, OREGON 97232

TRIOMET

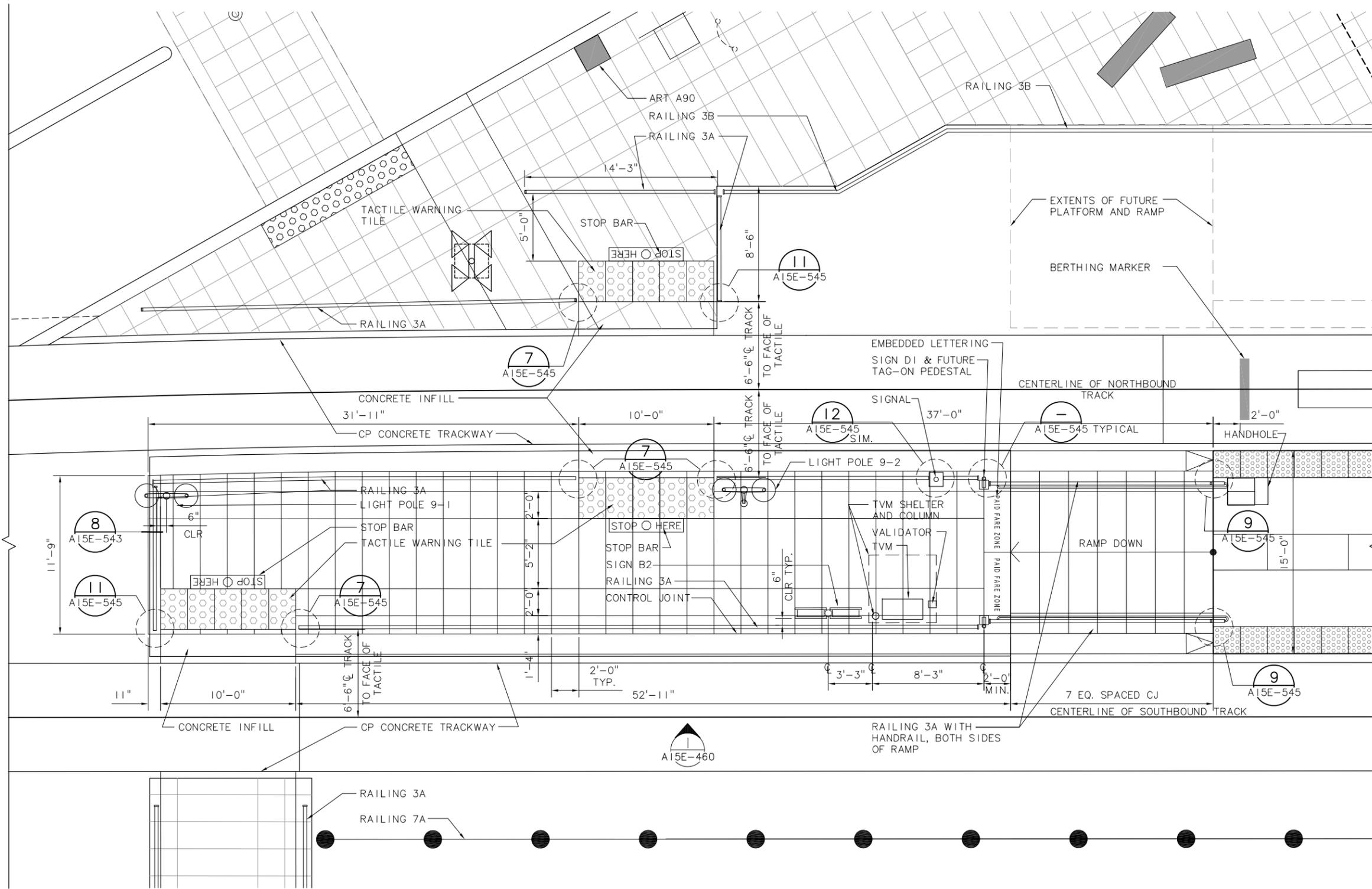
SUBMITTED: DATE: 5-14-12 APPROVED: DATE: 5-14-12

PORTLAND TO MILWAUKIE LRT
 EAST SEGMENT
 ARCHITECTURAL
 MILWAUKIE/MAIN ST STATION
 PLATFORM PLAN AND ELEVATION

Exhibit T 4

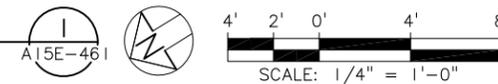
SCALE: 1" = 10'-0" DRAWING NO.: A15E-460 CONTRACT NO.: RH100544JB SHEET NO.:

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 Plot Date: 3/20/2012 11:43 AM_meredith hendricks



- GENERAL NOTES:
1. SEE SHEET A15E-600 FOR TYPICAL PLATFORM ELEMENTS ELEVATION AND PLAN
 2. SEE SHEET A15E-601 FOR TYPICAL PLATFORM DETAILS
 3. SEE SEGMENT 'N' DRAWINGS FOR SHELTERS, FURNISHINGS & SIGN TYPES
 4. SEE SHEETS A15E-004 AND A15E-542 SERIES FOR PLATFORM RAILING TYPES
 5. SEE SHEETS A15E-005 FOR ART TYPES AND INFORMATION
 6. SEE TRAFFIC DRAWINGS FOR STOP BAR AND PEDESTRIAN SIGNAL INFORMATION
 7. SEE SYSTEMS DRAWINGS FOR HANDHOLES AND VAULT INFORMATION
 8. SEE CIVIL DRAWINGS FOR PRECAST CONCRETE CROSSING PANEL
 9. SEE TRAFFIC DRAWINGS AND SYSTEMS DRAWINGS FOR SIGNALS

NORTH END ENLARGED PLATFORM PLAN
 SCALE: 1/4" = 1'-0"



NO.	DATE	BY	APPD.	REVISIONS
	03-26-12			ISSUED FOR CONSTRUCTION

MM DESIGNED	5-01-11	DATE
MH DRAWN	03-07-12	DATE
MH CHECKED	3-07-12	DATE
APPROVED	5-14-12	DATE



TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

waterleaf architecture, interiors & planning

DAVID EVANS AND ASSOCIATES INC.

TRIOMET

CAPITAL PROJECTS AND FACILITIES DIVISION
 710 N.E. HOLLADAY STREET
 PORTLAND, OREGON 97232

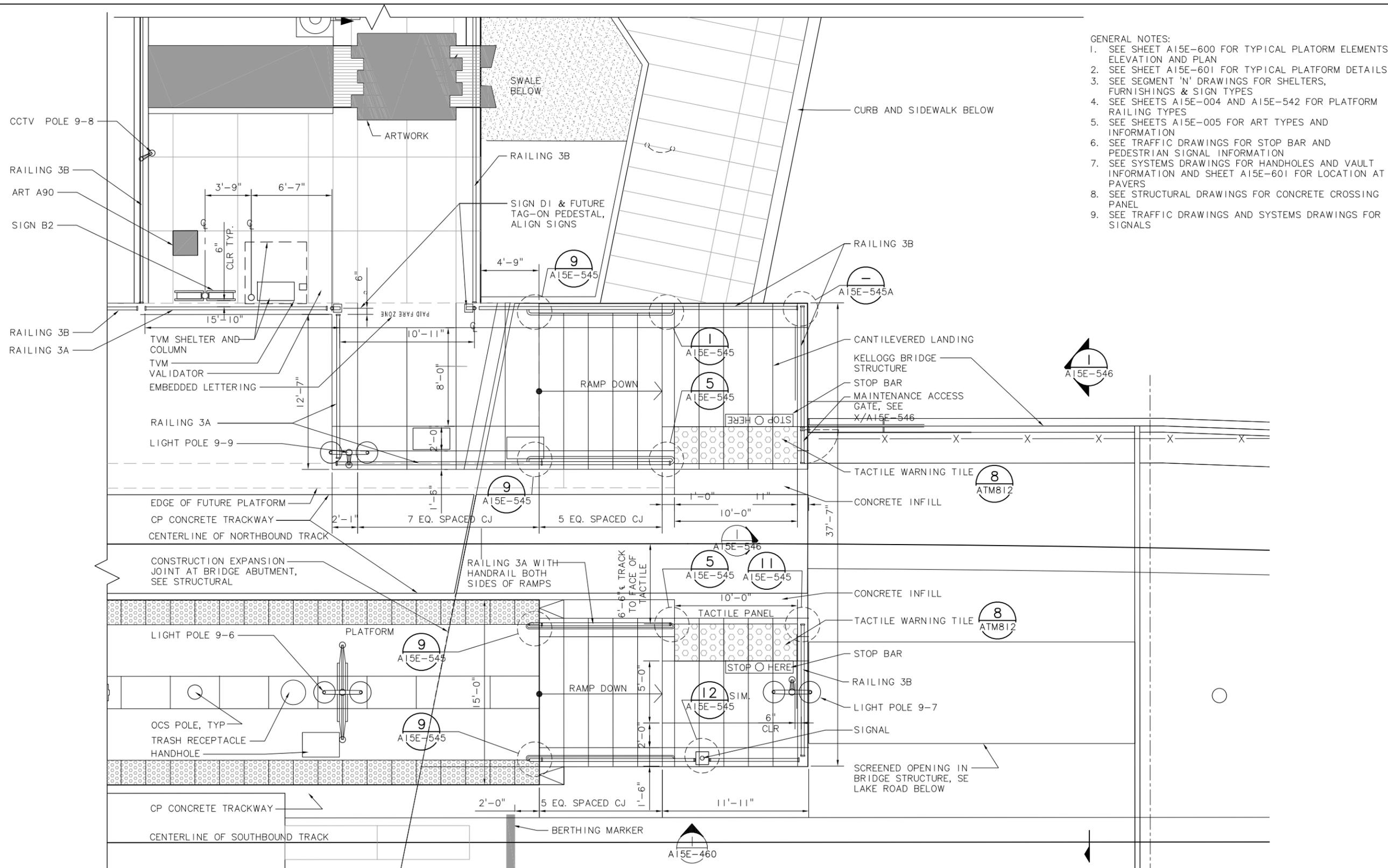
SUBMITTED: DATE: 5-14-12 APPROVED: DATE: 5-14-12

PORTLAND TO MILWAUKIE LRT
 EAST SEGMENT
 Architectural
 MILWAUKIE/MAIN ST STATION
 ENLARGED PLATFORM END PLAN

Exhibit T 5

SCALE: 1/4" = 1'-0" DRAWING NO.: A15E-461 CONTRACT NO.: RH100544JB SHEET NO.:

P:\10_jobs\1030.01 Portland Milwaukie Light Rail\cadd\Sheets\400_Segment D\A15E-462.dwg Mar. 20, 2012 - 12:16 PM meredith hendricks
 Plot Date: 3/20/2012 12:17 PM_meredith hendricks



- GENERAL NOTES:
1. SEE SHEET A15E-600 FOR TYPICAL PLATFORM ELEMENTS ELEVATION AND PLAN
 2. SEE SHEET A15E-601 FOR TYPICAL PLATFORM DETAILS
 3. SEE SEGMENT 'N' DRAWINGS FOR SHELTERS, FURNISHINGS & SIGN TYPES
 4. SEE SHEETS A15E-004 AND A15E-542 FOR PLATFORM RAILING TYPES
 5. SEE SHEETS A15E-005 FOR ART TYPES AND INFORMATION
 6. SEE TRAFFIC DRAWINGS FOR STOP BAR AND PEDESTRIAN SIGNAL INFORMATION
 7. SEE SYSTEMS DRAWINGS FOR HANDHOLES AND VAULT INFORMATION AND SHEET A15E-601 FOR LOCATION AT PAVERS
 8. SEE STRUCTURAL DRAWINGS FOR CONCRETE CROSSING PANEL
 9. SEE TRAFFIC DRAWINGS AND SYSTEMS DRAWINGS FOR SIGNALS

SOUTH END ENLARGED PLATFORM PLAN
 SCALE: 1/4" = 1'-0"

NO.	DATE	BY	APPD.	REVISIONS
				ISSUED FOR CONSTRUCTION
03-26-12				

MM DESIGNED	5-01-11	DATE
MH DRAWN	3-02-12	DATE
MH CHECKED	3-02-12	DATE
APPROVED	5-14-12	DATE



TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

waterleaf architecture, interiors & planning

DAVID EVANS AND ASSOCIATES INC.

TRIOMET CAPITAL PROJECTS AND FACILITIES DIVISION
 710 N.E. HOLLADAY STREET
 PORTLAND, OREGON 97232

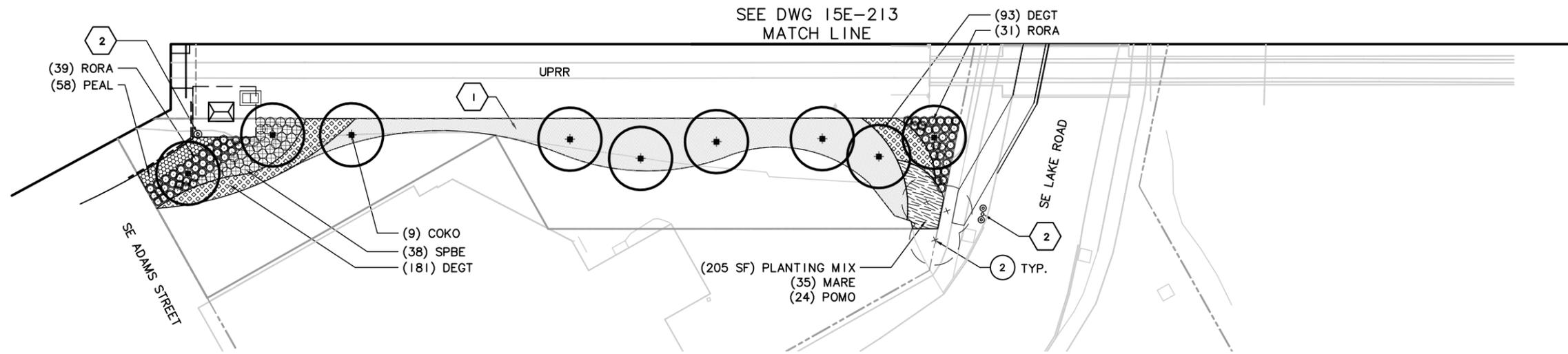
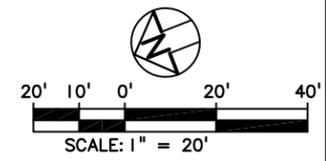
SUBMITTED: DATE: 5-14-12 APPROVED: DATE: 5-14-12

PORTLAND TO MILWAUKIE LRT
 EAST SEGMENT
Exhibit T 6

ARCHITECTURAL
 MILWAUKIE/MAIN ST STATION
 ENLARGED PLATFORM END PLAN

SCALE: 1/4" = 1'-0" DRAWING NO.: A15E-462 CONTRACT NO.: RH100544JB SHEET NO.:

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 Plot Date: 4/20/2012 3:23 PM shawn kummer



PLANTING KEY NOTES
 REF. TO L15E-001 FOR FULL DESCRIPTION

② PRESERVE EXISTING TREES

SHEET NOTES:

① BARK MULCH, AS SPECIFIED

② LIGHT POLE

05-14-12	TS	MF	ISSUED FOR CONSTRUCTION	

SK	DESIGNED	05-03-11	DATE
CM/AP	DRAWN	10-19-11	DATE
TS	CHECKED	04-17-12	DATE
	APPROVED	05-14-12	DATE



TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

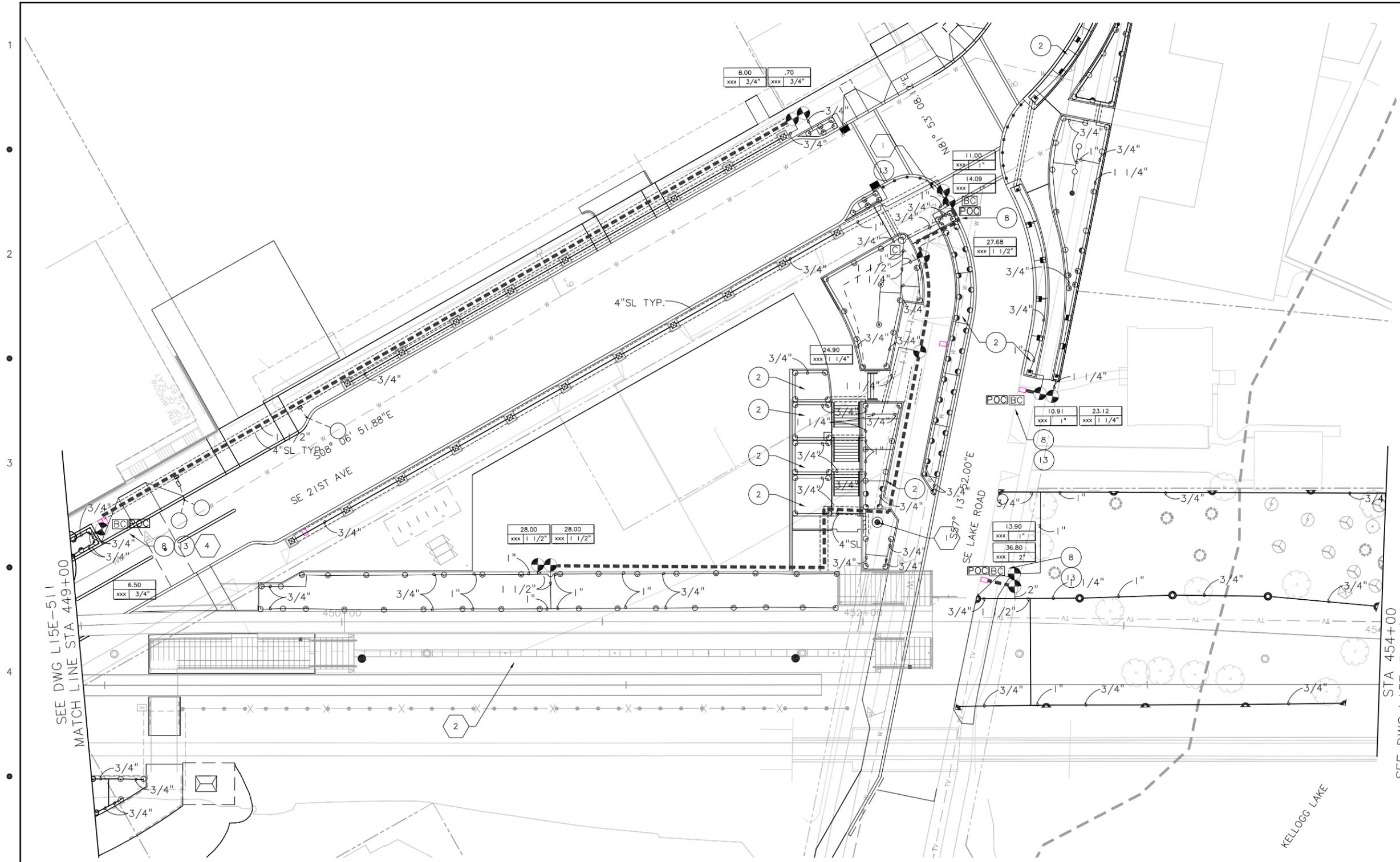
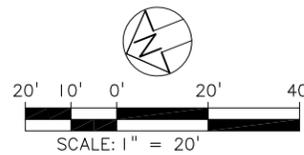
GREENWORKS **DAVID EVANS AND ASSOCIATES INC.**

TRIOMET CAPITAL PROJECTS AND FACILITIES DIVISION
 710 N.E. HOLLADAY STREET
 PORTLAND, OREGON 97232

SUBMITTED: DATE: 05-14-12 APPROVED: DATE: 05-14-12

PORTLAND TO MILWAUKIE LRT
EAST SEGMENT Exhibit T 8
 LANDSCAPE PLANTING PLAN
 STA 449+00 TO STA 454+00

SCALE: 1"=20' DRAWING NO.: L15E-214 CONTRACT NO.: RH100544JB SHEET NO.:



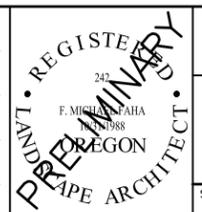
SEE DWG L15E-511
MATCH LINE STA 449+00

STA 454+00
SEE DWG L15E-519 (STA 463+00)

- IRRIGATION KEY NOTES**
REF. TO L15E-015 FOR FULL DESCRIPTION
- (2) STORMWATER PLANTER
 - (8) BATTERY OPERATED CONTROLLER
 - (13) WATER METER - REFER TO UTILITY DRAWINGS FOR METER LOCATION AND INSTALLATION

- SHEET NOTES:**
- (1) STORMWATER TREATMENT DRAIN
 - (2) LRT PLATFORM - MILWAUKIE/MAIN ST. STATION
 - (3) TWO WATER METERS TO BE ADDED TO THIS LOCATION.
 - (4) WATER METER TO BE LOCATED IN PLANTING AREA.

RT DESIGNED	12-19-11 DATE
AS/DD DRAWN	12-19-11 DATE
MF/DE CHECKED	DATE
APPROVED	3-26-12 DATE



TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

GREENWORKS

DAVID EVANS AND ASSOCIATES INC.

TRI-COUNTY MET

CAPITAL PROJECTS AND FACILITIES DIVISION
710 N.E. HOLLADAY STREET
PORTLAND, OREGON 97232

PORTLAND TO MILWAUKIE LRT EAST SEGMENT

LANDSCAPE IRRIGATION PLAN
STA 449+00 TO STA 454+00

Exhibit T 9

3-26-12	MF/DE	MF	ISSUED FOR CONSTRUCTION
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SUBMITTED:	DATE:	3-26-12	APPROVED:	DATE:	3-26-12	SCALE:	1"=20'	DRAWING NO.:	L15E-513	CONTRACT NO.:	RH100544JB	SHEET NO.:	
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\\Gw01\public\Projects\110116_PMLR_Design\02_Current_Drawings\01_CAD\02_Current_Drawings\GRN_Sheets\Irrigation\L15E-513.dwg Mar. 20, 2012 1:16 PM shawn kummer
 Plot Date: 3/20/2012 1:30 PM shawn kummer

GENERAL PLANTING NOTES

1. REFER TO DRAWING NOS. L15E-002 THROUGH L15E-013 FOR PLANTING LEGENDS AND QUANTITIES.
2. REFER TO DRAWING L15E-014 FOR PLANTING SHEET LAYOUT INDEX.
3. REFER TO DRAWING NOS. L15E-300 THROUGH L15E-302, AND TRIMET DIRECTIVE DRAWINGS LTM301 AND LTM302 FOR LANDSCAPE DETAILS.
4. NUMBERS IN CIRCLES (#) REFER TO PLANTING KEY NOTES. NUMBERS IN HEXAGONS (#) REFER TO PLANTING SHEET NOTES.
5. INDIVIDUAL TEXT SYMBOL CALLOUTS ON PLAN SHEETS REFER TO PLANT SPECIES SHOWN IN LEGENDS ON SHEETS L15E-002 THROUGH L15E-007. TEXT SYMBOL CALLOUTS ARE PROVIDED FOR EACH CONTIGUOUS CLUSTER OF SIMILAR PLANTINGS PER SHEET. SOME PLANTING AREAS RECEIVE ONLY ONE TEXT SYMBOL CALLOUT PER SPECIES, PER CONTIGUOUS PLANTING AREA FOR OVERALL LEGIBILITY PER SHEET.
6. CONTRACTOR MUST FIELD VERIFY ALL EXISTING TREES IN FIELD PRIOR TO CONSTRUCTION ACTIVITIES. ALL EXISTING TREES NOT SHOWN IN CIVIL DEMO PLANS AS REMOVED ARE TO BE PROTECTED AND PRESERVED IN PLACE. REFER TO SPECIFICATION SECTION 01535 FOR TREE PRESERVATION AND PROTECTION AND EXISTING TREE PROTECTION DETAIL ON L15E-303.
7. REFER TO SPECIFICATION SECTION 32 93000 FOR LANDSCAPE PLANTINGS.
8. CONTRACTOR SHALL PROVIDE TOPSOIL, SOIL AMENDMENTS, AND COMPOST IN REQUIRED QUANTITIES TO CREATE THE PLANTING SOIL FOR PLANTED AND SEEDED AREAS IN ACCORDANCE WITH THE DETAILS AND SPECIFICATIONS AS PART OF THE CONSTRUCTION DOCUMENTATION PACKAGE. 12" DEPTH PLANTING SOIL AS SPECIFIED IN SPECIFICATION SECTION 32 93000 IS REQUIRED FOR ALL TREE AND SHRUB PLANTING AREAS (EXCEPT FOR STORMWATER FACILITIES), AND 6" DEPTH OF PLANTING SOIL FOR ALL SEEDED AREAS SHOWN ON LANDSCAPE PLANS.
9. 18" DEPTH STORMWATER FACILITY TOPSOIL, AS SPECIFIED IN SPECIFICATION SECTION 32 93000, IS REQUIRED FOR ALL STORMWATER FACILITIES, INCLUDING SWALES, PLANTERS, AND BASINS. REFER TO CIVIL DRAWINGS FOR STORMWATER FACILITY DETAILS.
10. ALL PLANTS SHALL BE INSTALLED IN ACCORDANCE WITH THE DETAILS AND SPECIFICATIONS PROVIDED AS PART OF THE CONSTRUCTION DOCUMENT PACKAGE.
11. QUANTITIES ARE LISTED FOR THE CONTRACTOR'S CONVENIENCE ONLY. ALL COUNTS MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO INSTALLATION. IN THE CASE OF A DISCREPANCY BETWEEN THE LEGEND AND THE PLAN, PLANTS INDICATED ON THE PLAN SHALL SUPERCEDE QUANTITIES LISTED IN THE LEGEND.
12. INSTALL AND MAINTAIN TREES FURNISHED BY TRIMET ("OWNER-FURNISHED TREES"). SEE PLANTING LEGENDS FOR SPECIES AND QUANTITIES THAT WILL BE PROVIDED. COORDINATE DELIVERY AND RECEIPT THROUGH RESIDENT ENGINEER (RE).
13. CONTRACTOR SHALL VERIFY EXACT LOCATIONS AND ROUTING OF EXISTING UNDERGROUND UTILITIES PRIOR TO STARTING EXCAVATION. REPAIR ONLY DAMAGE TO EXISTING PIPES, UTILITIES, OR RELATED FACILITIES AT THE CONTRACTOR'S EXPENSE IN A MANNER APPROVED BY THE ENGINEER.
14. ADJUST PLANT LOCATIONS SO THAT VEGETATION DOES NOT CONFLICT WITH ABOVE-GROUND UTILITIES, OR WITH TRAFFIC SIGHT LINES, SIGNS, OR OTHER APPURTENANCES.
15. PRESERVE, PROTECT, AND MAINTAIN ALL IMPROVEMENTS WITHIN WORK AREAS, INCLUDING EXISTING TREES AND VEGETATION. THOROUGHLY CLEAN ALL IMPROVEMENTS AFTER COMPLETION OF WORK.
16. PROVIDE 12" ROOT BARRIER WHERE TREES ARE WITHIN 6' OF PAVED SURFACES, CURBS, OR WALLS, AND IN ALL TREE WELLS, UNLESS OTHERWISE REQUIRED BY APPLICABLE JURISDICTIONS, OR AS INDICATED ON PLANS. REFER TO DETAIL 4, SHEET L15E-300. REFER TO STANDARD PBOT DETAIL P-581 FOR ALL STREET TREES IN CITY OF PORTLAND.
17. ALL TREES TO BE BALLED AND BURLAPPED (B&B), UNLESS OTHERWISE INDICATED IN LEGEND OR IN DRAWINGS.
18. REFER TO DEMOLITION DRAWINGS FOR TREES TO BE REMOVED.
19. CONTRACTOR SHALL PROVIDE MULCH FOR PLANTED AREAS IN ACCORDANCE WITH THE DETAILS AND SPECIFICATIONS.
20. ALL PLANTINGS LOCATED IN CITY OF PORTLAND RIGHT-OF-WAY WILL BE HAND-WATERED DURING THE 2-YEAR ESTABLISHMENT PERIOD. REFER TO IRRIGATION DRAWINGS FOR WATERING REQUIREMENTS IN ALL OTHER PLANTING AREAS OF THE PROJECT.
21. ALL TREES THAT ARE LOCATED IN SEEDED AREAS OR WHERE NO PLANTING IS SHOWN SHALL RECEIVE A 5' DIAMETER BARK MULCH RING, AT 3" DEPTH.

PLANTING KEY NOTES

1. STREET TREE IN TREE WELL - REFER TO TRIMET DIRECTIVE DRAWING 5, SHEET LTM301 FOR TREE STAKING AND PLANTING. REFER TO STANDARD PBOT DETAIL P-581 FOR ALL STREET TREES IN CITY OF PORTLAND. REFER TO DETAIL 3, SHEET L15E-300 FOR ROOT BARRIER DETAIL. INSTALL TREE GRATE AND ROOTBALL ANCHOR SYSTEM AT LOCATIONS INDICATED ON PLANS. REFER TO ARCH DRAWINGS FOR TREE GRATE DETAILS. REFER TO DETAIL 5, SHEET L15E-300 FOR ROOTBALL ANCHOR SYSTEM DETAIL.
2. PRESERVE EXISTING TREE - PRIOR TO CONSTRUCTION, INSTALL 4' HEIGHT ORANGE PLASTIC CONSTRUCTION FENCING AROUND EXISTING TREES AS INDICATED ON PLANS. TREE PROTECTION FENCING SHALL BE LOCATED AROUND EACH TREE AT THE DRIPLINE, OR AT 8' DIAMETER MINIMUM. SECURE FENCING TO STEEL POSTS PLACED 6' O.C. WITH PLASTIC TIES. REFER TO SPECIFICATION SECTION 01535 - TREE AND PLANT PROTECTION.
3. VINE PLANTING AT WALL - REFER TO DETAIL 1, SHEET L15E-300 FOR VINE PLANTING IN PLANTING AREAS, AND DETAIL 5, SHEET L15E-300 FOR VINE PLANTINGS IN PAVING.
4. MITIGATION PLANTING - REFER TO L15E-700 SERIES SHEETS FOR MITIGATION PLANTING PLANS AND DETAILS.
5. WATER QUALITY SWALE - REFER TO CIVIL DRAWINGS. PLACE 2" DEPTH OF ROCK MULCH AS SPECIFIED IN SECTION 32 9300 TO ZONE 'A' PLANTING AREAS, PLACE 2" DEPTH BARK MULCH TO ZONE 'B' PLANTING AREAS UNLESS OTHERWISE INDICATED ON PLANS. NO MULCH SHALL BE INSTALLED IN ANY SWALES LOCATED WITHIN RIGHT-OF-WAY.
6. WATER QUALITY BASIN - REFER TO CIVIL DRAWINGS. PLACE 2" DEPTH OF ROCK MULCH AS SPECIFIED IN SECTION 32 9300 TO ZONE 'A' PLANTING AREAS, PLACE 2" DEPTH BARK MULCH TO ZONE 'B' PLANTING AREAS UNLESS OTHERWISE INDICATED ON PLANS. NO MULCH SHALL BE INSTALLED IN ANY BASINS LOCATED WITHIN RIGHT-OF-WAY.
7. STORMWATER PLANTER - REFER TO CIVIL DRAWINGS. PLACE 2" DEPTH OF ROCK MULCH AS SPECIFIED IN SECTION 32 9300 THROUGHOUT FACILITY UNLESS OTHERWISE INDICATED ON PLANS. NO MULCH SHALL BE INSTALLED IN ANY PLANTERS LOCATED WITHIN RIGHT-OF-WAY.
8. EXISTING LANDSCAPE TO REMAIN - PRESERVE AND PROTECT LANDSCAPE ON PRIVATE PROPERTY. REFER TO SPECIFICATION SECTION 01535 FOR TREE AND PLANT PROTECTION.
9. OWNER-PROVIDED ARTWORK - REFER TO ARCH. DRAWINGS FOR LOCATIONS.

DETAIL REFERENCES

PLANTING DETAILS APPLY TO ALL PLANTS SHOWN ON LEGENDS AND LAYOUT SHEETS AS FOLLOWS:

TREE PLANTING AND STAKING

5 LTM301 APPLIES TO ALL DECIDUOUS AND CONIFER TREES PLANTED ON SLOPES LESS STEEP THAN 4 UNITS HORIZONTAL TO ONE UNIT VERTICAL

TREE PLANTING ON SLOPE

6 LTM301 APPLIES TO ALL DECIDUOUS AND CONIFER TREES PLANTED ON SLOPES STEEPER THAN 4 UNITS HORIZONTAL TO ONE UNIT VERTICAL

PLANTING BED GRADING

1 LTM302 TO ALL PROJECT PLANTING AREAS, EXCEPT FOR STORMWATER QUALITY FACILITIES

PLANTING

2 LTM302 APPLIES TO ALL SHRUBS AND GROUNDCOVER INSTALLED ON THE PROJECT ON SLOPES LESS STEEP THAN 4 UNITS HORIZONTAL TO ONE UNIT VERTICAL

PLANTING AT SLOPE

3 LTM302 APPLIES TO ALL SHRUBS AND GROUNDCOVER INSTALLED ON THE PROJECT ON SLOPES STEEPER THAN 4 UNITS HORIZONTAL TO ONE UNIT VERTICAL

VINE PLANTING

1 L15E-300 APPLIES TO ALL VINE PLANTINGS INSTALLED ON THE PROJECT AS SHOWN ON PLANS

VINE PLANTING IN PAVING

5 L15E-300 APPLIES TO ALL VINE PLANTINGS INSTALLED IN PAVING AREAS ON THE PROJECT AS SHOWN ON PLANS

PLANT SPACING

2 L15E-300 APPLIES TO ALL SHRUBS AND GROUNDCOVER INSTALLED IN ALL PROJECT PLANTING AREAS

ROOT BARRIER - TREES IN PLANTING STRIP

3 L15E-300 APPLIES TO ALL TREE PLANTING AREAS ADJACENT TO PAVED AREAS, AS INDICATED ON PLANS AND IN GENERAL PLANTING NOTES

TREE PLANTING - ROOTBALL ANCHOR

4 L15E-300 APPLIES TO TREE PLANTINGS LOCATED IN TREE WELLS WITH TREE GRATES AT LOCATIONS INDICATED ON PLANS.

PLANTING - 17TH AVE CORRIDOR ARTWORK

1 L15E-302 APPLIES TO ALL SHRUBS AND GRASSES INSTALLED WITHIN AND AROUND OWNER-PROVIDED ARTWORK ALONG 17TH AVENUE

TYPICAL PLANT LAYOUT PER SPACING TYPE

1 L15E-301 APPLIES TO ALL SHRUB AND GROUNDCOVER PLANTING AS REPRESENTED WITH HATCHES IN THE DRAWINGS.

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		TS DESIGNED 05-03-11 DATE			TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON		PORTLAND TO MILWAUKIE LRT EAST SEGMENT					
		CM/AP DRAWN 08-10-11 DATE				CAPITAL PROJECTS AND FACILITIES DIVISION 710 N.E. HOLLADAY STREET PORTLAND, OREGON 97232		LANDSCAPE PLANTING NOTES				
		SK/TS CHECKED 11-02-11 DATE					TRI MET		Exhibit T 10			
		APPROVED 3-26-12 DATE			SUBMITTED: DATE: 3-26-12		APPROVED: DATE: 3-26-12		SCALE: 1"=20'			
3-26-12	SK/TS	MF	ISSUED FOR CONSTRUCTION				DRAWING NO.: L15E-001		CONTRACT NO.: RH100544JB		SHEET NO.:	

MASTER TREE LEGEND

DECIDUOUS TREES					
TEXT SYMBOL	BOTANICAL NAME	COMMON NAME	INSTALL SIZE	QUANTITY	
				*CF	*OF
ACCA	<i>Acer campestre</i> 'Evelyn'	QUEEN ELIZABETH HEDGE MAPLE	2 1/2" CAL.		7
ACCI	<i>Acer circinatum</i>	VINE MAPLE	7'-8', MULTI-STEM, 3 STEM MIN.	69	
ACGI	<i>Acer ginnala</i> 'Flame'	FLAME MAPLE	2 1/2" CAL., MULTI-STEM, 3 STEM MIN.		21
ACGR	<i>Acer grandidentatum</i> 'Schmidt'	ROCKY MOUNTAIN GLOW MAPLE	2 1/2" CAL.		9
ACMA	<i>Acer macrophyllum</i>	BIG LEAF MAPLE	2 1/2" CAL.		15
ACRF	<i>Acer rubrum</i> 'Franks Red'	RED SUNSET MAPLE	2 1/2" CAL.		26
ALRU	<i>Alnus rubra</i>	RED ALDER	2 1/2" CAL.		46
AMAL	<i>Amelanchier alnifolia</i>	SERVICEBERRY	2 1/2" CAL.		23
AMJF	<i>Amelanchier laevis</i> 'JFS-Arb' PP 15304	SPRING FLURRY SERVICEBERRY	2 1/2" CAL.		30
AMSN	<i>Amelanchier laevis</i> 'Snowcloud' PP 7203	SNOWCLOUD SERVICEBERRY	2 1/2" CAL.		16
ARME	<i>Arbutus menziesii</i>	PACIFIC MADRONE	5 GAL.	3	
BEPA	<i>Betula papyrifera</i> 'Renci' PP12768	RENAISSANCE REFLECTION PAPER BIRCH	2 1/2" CAL.		6
COSA	<i>Cornus kousa</i> 'Satomi'	SATOMI DOGWOOD	2" CAL.	2	
COEW	<i>Cornus x</i> 'Eddie's White Wonder'	EDDIE'S WHITE WONDER DOGWOOD	2 1/2" CAL.		26
COKO	<i>Cornus kousa</i> 'Chinensis'	KOUSA DOGWOOD	2 1/2" CAL.		3
CONU	<i>Cornus nuttalli</i>	PACIFIC DOGWOOD	5 GAL.	2	
FASY	<i>Fagus sylvatica</i> 'Fastigiata'	FASTIGIATE EUROPEAN BEECH	2 1/2" CAL.		23
FRLA	<i>Fraxinus latifolia</i>	OREGON ASH	2 1/2" CAL.		18
FRC1	<i>Fraxinus pennsylvanica</i> 'Cimmzam' PP8077	CIMMARON GREEN ASH	2 1/2" CAL.		30

DECIDUOUS TREES					
TEXT SYMBOL	BOTANICAL NAME	COMMON NAME	INSTALL SIZE	QUANTITY	
				*CF	*OF
FRRU	<i>Fraxinus pennsylvanica</i> 'Rugby'	PRAIRIE SPIRE GREEN ASH	2 1/2" CAL.		66
GIAU	<i>Ginkgo biloba</i> 'Autumn Gold'	AUTUMN GOLD GINKGO	2 1/2" CAL.		22
GIMG	<i>Ginkgo biloba</i> 'Magyar'	Magyar GINKGO	2" CAL.	18	
GIPR	<i>Ginkgo biloba</i> 'Princeton Sentry'	PRINCETON SENTRY GINKGO	2" CAL.		51
GLSK	<i>Gleditsia triacanthos inermis</i> 'Skyline'	SKYLINE HONEYLOCUST	2 1/2" CAL.		41
MAGA	<i>Magnolia x</i> 'Galaxy'	GALAXY MAGNOLIA	2" CAL.		70
MATR	<i>Malus transitoria</i> 'Schmidtcutleaf' Golden Raindrops	CUTLEAF CRABAPPLE	1 1/2" CAL.	14	
NYSY	<i>Nyssa sylvatica</i>	BLACK TUPELO	2 1/2" CAL.		102
PAPE	<i>Parrotia persica</i>	PERSIAN IRONWOOD	2 1/2" CAL.		35
PRSA	<i>Prunus sargentii</i> 'Columnaris'	COLUMNAR SARGENT CHERRY	2 1/2" CAL.		10
PRVI	<i>Prunus virginiana</i>	CHOCHECHERRY	2 1/2" CAL.		14
PRCA	<i>Prunus virginiana</i> 'Canada Red'	CANADA RED CHOCHECHERRY	2 1/2" CAL.		26
QUFR	<i>Quercus frainetto</i> 'Schmidt'	FOREST GREEN OAK	2 1/2" CAL.	4	95
QUGM	<i>Quercus gambelii</i>	GAMBEL OAK	2 1/2" CAL.		1
QUGA	<i>Quercus garryana</i>	OREGON WHITE OAK	A= 2 1/2" CAL. B= 3" CAL.	1	5 25
QULO	<i>Quercus lobata</i>	VALLEY OAK	2 1/2" CAL.		1
ULJA	<i>Ulmus japonica x wilsoniana</i> 'Morton'	ACCOLADE ELM	2 1/2" CAL.		18
ZEMU	<i>Zelkova serrata</i> 'Mussashino'	MUSSASHINO COLUMNAR ZELKOVA	2 1/2" CAL.	25	
ZESE	<i>Zelkova serrata</i> 'Village Green'	VILLAGE GREEN ZELKOVA	2 1/2" CAL.		41

* CF = CONTRACTOR FURNISHED OF = OWNER FURNISHED

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Plot Date: 4/6/2012 4:51 PM danee davison

05-11-12	SK/TS	MF	ISSUED FOR CONSTRUCTION		

TS DESIGNED	05-03-11 DATE
CM/AP DRAWN	08-10-11 DATE
SK/TS CHECKED	11-02-11 DATE
APPROVED	05-14-12 DATE



TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

GREENWORKS **DAVID EVANS AND ASSOCIATES INC.** **TRI-COUNTY MET**

CAPITAL PROJECTS AND FACILITIES DIVISION
710 N.E. HOLLADAY STREET
PORTLAND, OREGON 97232

SUBMITTED: DATE: 05-14-12 APPROVED: DATE: 05-14-12

PORTLAND TO MILWAUKIE LRT EAST SEGMENT

LANDSCAPE PLANTING LEGEND **Exhibit T 11**

SCALE: 1"=20' DRAWING NO.: L15E-002 CONTRACT NO.: RH100544JB SHEET NO.:

MASTER SHRUBS/GROUNDCOVER LEGEND CONT'D

TEXT SYMBOL	BOTANICAL NAME	COMMON NAME	INSTALL SIZE	SPACING
	JUQC	Juncus effusus 'Quartz Creek'	SOFT RUSH	1 GAL. 12" O.C.
	JUEN	Juncus ensifolius	DAGGER LEAF RUSH	1 GAL. 12" O.C.
	JUPA	Juncus patens	SPREADING RUSH	1 GAL. 12" O.C.
	JUCG	Juncus patens 'Carmen's Gray'	CARMEN'S GRAY RUSH	1 GAL. 12" O.C.
	JUEB	Juncus patens 'Elk Blue'	ELK BLUE SPREADING RUSH	1 GAL. 12" O.C.
	JUTE	Juncus tenuis	SLENDER RUSH	1 GAL. 12" O.C.
	LEFO	Leucothoe fontanesiana 'Nana'	DWARF DROOPING LEUCOTHOE	2 GAL. AS SHOWN
	LIBB	Liriope muscari 'Big Blue'	BIG BLUE LIRIOPE	1 GAL. 12" O.C.
	LIMU	Liriope muscari 'Evergreen Giant'	EVERGREEN GIANT LIRIOPE	1 GAL. 12" O.C.
	LOIN	Lonicera involucrata	TWINBERRY	5 GAL. AS SHOWN
	LOPI	Lonicera pileata	BOXLEAF HONEYSUCKLE	1 GAL. AS SHOWN
	MAAQ	Mahonia aquifolium	OREGON GRAPE	3 GAL. AS SHOWN
	MAAQ	Mahonia aquifolium	OREGON GRAPE	3 GAL. 24" O.C.
	MACO	Mahonia aquifolium 'Compacta'	COMPACT OREGON GRAPE	2 GAL. 24" O.C.
	MANE	Mahonia nervosa	DULL OREGON GRAPE	2 GAL. AS SHOWN
	MARE	Mahonia repens	CREEPING MAHONIA	1 GAL. 18" O.C.
	MYCA	Myrica californica	PACIFIC WAX MYRTLE	5 GAL. AS SHOWN
	NAFO	Narcissus 'Fortissimo'	FORTISSIMO DAFFODIL	3 BULBS 12" O.C.
	PATR	Parthenocissus tricuspidata	BOSTON IVY	5 GAL. AS SHOWN STAKED
	PEAL	Pennisetum alopecuroides 'Hameln'	HAMELN PENNISETUM	1 GAL. 24" O.C.
	PHLE	Philadelphus lewisii	MOCK ORANGE	5 GAL. AS SHOWN
	PHCA	Physocarpus capitatus	PACIFIC NINE BARK	5 GAL. AS SHOWN

TEXT SYMBOL	BOTANICAL NAME	COMMON NAME	INSTALL SIZE	SPACING
	POMU	Polystichum munitum	WESTERN SWORD FERN	2 GAL. AS SHOWN
	RHMA	Rhododendron macrophyllum	PACIFIC RHODODENDRON	5 GAL. AS SHOWN
	RISA	Ribes sanguineum	RED FLOWERING CURRANT	3 GAL. AS SHOWN
	RORA	Rosa 'Radcor'	RAINBOW KNOCKOUT ROSE	3 GAL. AS SHOWN
	ROCS	Rosa 'Radsun'	CAREFREE SUNSHINE FLOWERING CARPET ROSE	1 GAL. AS SHOWN
	RONU	Rosa nutkana	NOOTKA ROSE	3 GAL. AS SHOWN
	RUHI	Rudbeckia hirta 'Goldsturm'	GOLDSTURM BLACK-EYED SUSAN	1 GAL. 18" O.C.
	SASC	Salix scouleriana	SCOULER'S WILLOW	6' MIN. HT. 36/100 SF
	SALS	Salix scouleriana	SCOULER'S WILLOW	LIVE STAKES 5' O.C.
	SARA	Sambucus racemosa	RED ELDERBERRY	3 GAL. AS SHOWN
	SPBE	Spiraea betulifolia 'Tor'	BIRCHLEAF SPIREA	1 GAL. AS SHOWN
	SPBU	Spiraea x bumalda 'Gold Flame'	GOLD FLAME SPIREA	1 GAL. AS SHOWN
	SPDE	Spiraea densiflora	ALPINE SPIREA	2 GAL. 24" O.C.
	SPDO	Spiraea douglasii	DOUGLAS SPIREA	3 GAL. AS SHOWN
	SPJA	Spiraea japonica 'Goldmound'	GOLDMOUND SPIREA	1 GAL. AS SHOWN
	SYMO	Symphoricarpos mollis	CREEPING SNOWBERRY	2 GAL. 24" O.C.
	VAOV	Vaccinium ovatum	EVERGREEN HUCKLEBERRY	3 GAL. 24" O.C.
	VIDA	Viburnum davidii	DAVID VIBURNUM	2 GAL. AS SHOWN
	VIED	Viburnum edule	HIGHBUSH CRANBERRY	2 GAL. AS SHOWN
	VITI	Viburnum tinus 'Spring Bouquet'	SPRING BOUQUET VIBURNUM	5 GAL. AS SHOWN

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 Plot Date: 4/6/2012 4:51 PM danoe davison

05-11-12	SK/TS	MF	ISSUED FOR CONSTRUCTION
05-03-11	TS	DESIGNED	DATE
08-10-11	CM/AP	DRAWN	DATE
11-02-11	SK/TS	CHECKED	DATE
05-14-12	APPROVED		DATE

PRELIMINARY

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON
 CAPITAL PROJECTS AND FACILITIES DIVISION
 710 N.E. HOLLADAY STREET
 PORTLAND, OREGON 97232

SUBMITTED:	DATE:	APPROVED:	DATE:
	05-14-12		05-14-12

PORTLAND TO MILWAUKIE LRT
 EAST SEGMENT
 LANDSCAPE PLANTING LEGEND

Exhibit T 14

SCALE:	DRAWING NO.:	CONTRACT NO.:	SHEET NO.:
1"=20'	L15E-005	RH100544JB	

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ARCHITECTURAL PLAN NOTES

- 59 FENCE - TYPE 9A/9C - 48" WELDED WIRE FENCE, REF. 3/A15E-562
- 60A FENCE - TYPE 9A - 48" WELDED WIRE FENCE, REF. 3/A15E-560
- 60B FENCE - TYPE 9B - 72" WELDED WIRE FENCE, REF. 1/A15E-560
- 60C FENCE - TYPE 9C - 48" GALVANIZED WELDED WIRE FENCE, REF. 3/A15E-560
- 60D FENCE - TYPE 9D - 72" GALVANIZED WELDED WIRE FENCE, REF. 1/A15E-560
- 61A FENCE - TYPE 10A - CL4, 48" CHAIN LINK FENCE, REF. ODOT STD DWG RD815
- 61B FENCE - TYPE 10B - CL6, 72" CHAIN LINK FENCE, REF. ODOT STD DWG RD815
- 61C FENCE GATE - TYPE 10 - CHAIN LINK FENCE GATE, REF. ODOT STD DWG RD815
- 61D FENCE - TYPE 10C - CL8R 96" CHAIN LINK FENCE, REF. ODOT STD DWG DTL 1810
- 61E FENCE - TYPE 10E - CL4, 48" CHAIN LINK FENCE, BLACK VINYL COATED, REF ODOT STD DWG RD815
- 62A FENCE - THROW BARRIER, WWM FENCING, REF. STRUCTURAL
- 62B FENCE - THROW BARRIER, MLK VIADUCT, REF. 1/A15E-563
- 62C FENCE - THROW BARRIER, CONCRETE BARRIER MOUNTED, REF. ODOT STD DWG 1830
- 63 FENCE - SCREEN, 72" WELDED WIRE FENCE, REF. 2/A15E-560
- 64 FENCE - TYPE 11 - 72" WOOD FENCE, REF A15E-564
- 65 FENCE - MAINTENANCE RAIL - REF. STRUCTURAL S15E-1004
- 66A GATE - WELDED WIRE FENCE, MATCH FENCE HEIGHT, REF. 1/A15E-561
- 66B GATE - LOCKABLE GATE AT CHAIN LINK FENCE / RAILING
- 66C GATE - ODOT STANDARD REF. 1/A15E-548
- 66D GATE - FIRE ACCESS REF. 1/A15E-547
- 66E GATE - LOCKABLE GATE AT WOOD FENCE, REF A15E-564
- 67 BOLLARD IN BALLAST TRACK, REF. 2/A15E-550
- 68 FENCE TRANSITION, REF. 2/A15E-562
- 69 NOT USED
- 70 NOT USED
- 71 NOT USED
- 72 NOT USED
- 73 NOT USED
- 74 NOT USED
- 75 NOT USED
- 76 NOT USED
- 77 NOT USED
- 78 NOT USED

- 79 NOT USED
- 80 RETAINING WALL, REF. STRUCTURAL
- 81 NOT USED
- 82 GABION RETAINING WALL, REF. STRUCTURAL
- 83 CONCRETE BARRIER, REF. CIVIL
- 84 P.C.C. STEPS WITH HANDRAIL, REF. 2/A15E-549 FOR HANDRAIL, REF. STRUCTURAL FOR STEPS
- 85 RR SAFETY WALL, REF. STRUCTURAL
- 86 SOUND WALL, REF. CIVIL / STRUCTURAL
- 87 MASONRY WALL, REF. LANDSCAPE
- 88 PARK & RIDE SIGN, REF. SEGMENT N DRAWINGS
- 89 VINE PLANTING PIT, REF. 3/A15E-522
- 90 GRANITE BOULDER, REF. 7/A15E-526
- 91 AGGREGATE SPLASH PAD, REF. 3/A15E-522
- 92 SAWCUT STREET TREE PLANTER FROM EXISTING SIDEWALK
- 93 STORMWATER PLANTER, REF. LANDSCAPING
- 94 PLANTING AREA, REF. CIVIL / LANDSCAPING
- 95 TROLLEY TRAIL, REF. CIVIL
- 96 PROPOSED BUS STOP (N.I.C.)
- 97 EXISTING BUS STOP TO REMAIN (N.I.C.)
- 98 PRESERVE AND PROTECT EXISTING TREE, REF. LANDSCAPING
- 99 UTILITY POLE

ART PLAN NOTES

- REF. ART MATRIX SHEETS A15E-010 AND A15E-011 FOR MORE INFORMATION
- A10 OMSI STATION - VIDEO DISPLAY AT SHELTER
 - A20 CLINTON STATION - LARGE FREE STANDING STEEL SCULPTURE
 - A21 CLINTON STATION - SMALL STEEL SCULPTURE
 - A30 POWELL UNDERPASS - TBD
 - A40 17TH AVE CORRIDOR - BOAT SHAPED STEEL SCULPTURES
 - A50 BYBEE STATION - KINETIC ILLUMINATED SCULPTURE
 - A60 TACOMA STATION PARK AND RIDE - LARGE SCALE "EARTH CAST" SCULPTURES
 - A70 LAKE STATION - NORTH PLATFORM GRANITE SCULPTURE
 - A71 LAKE STATION - SOUTH PLATFORM GRANITE SCULPTURE
 - A80 PARK STATION PARK AND RIDE - LARGE SCALE SCULPTURE
 - A90 xx CONCRETE STAMPING - "XX" NUMBER REFERS TO SITE SPECIFIC TEXT IDENTIFIED BY ARTIST
 - A100 KELLOGG BRIDGE - "BOTTS" ADHERED TO UNDERSIDE OF BRIDGE STRUCTURE
 - A101 SHELTER COLUMN TREATMENT
 - A102 BRIDGE ABUTMENT ART - REF. PMLRTB CONTRACT DWGS.

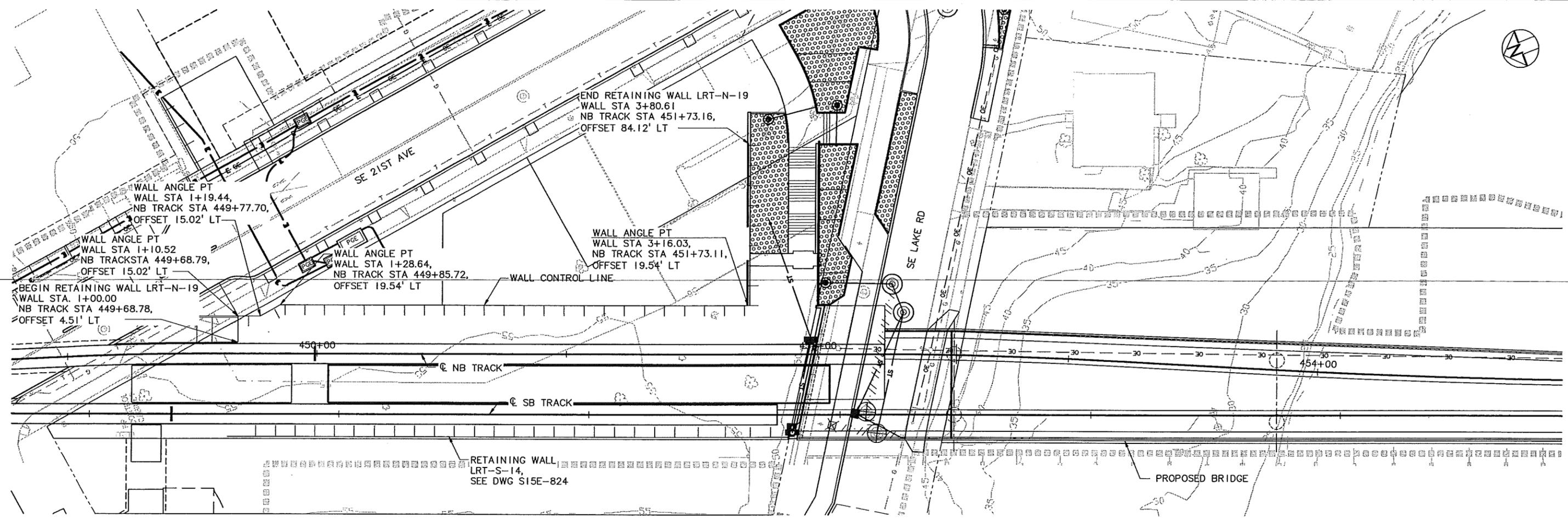
NO.	DATE	BY	CHK.	APPROVED
	5-14-12	XXX	XXX	ISSUED FOR CONSTRUCTION

JMS	06-01-11
DESIGNED	DATE
JFC	06-01-11
DRAWN	DATE
TLC	11-01-11
CHECKED	DATE
APPROVED	5-14-12
	DATE

PRELIMINARY

	CAPITAL PROJECTS AND FACILITIES DIVISION 710 N.E. HOLLADAY STREET PORTLAND, OREGON 97232
SUBMITTED:	DATE: 5-14-12
APPROVED:	DATE: 5-14-12

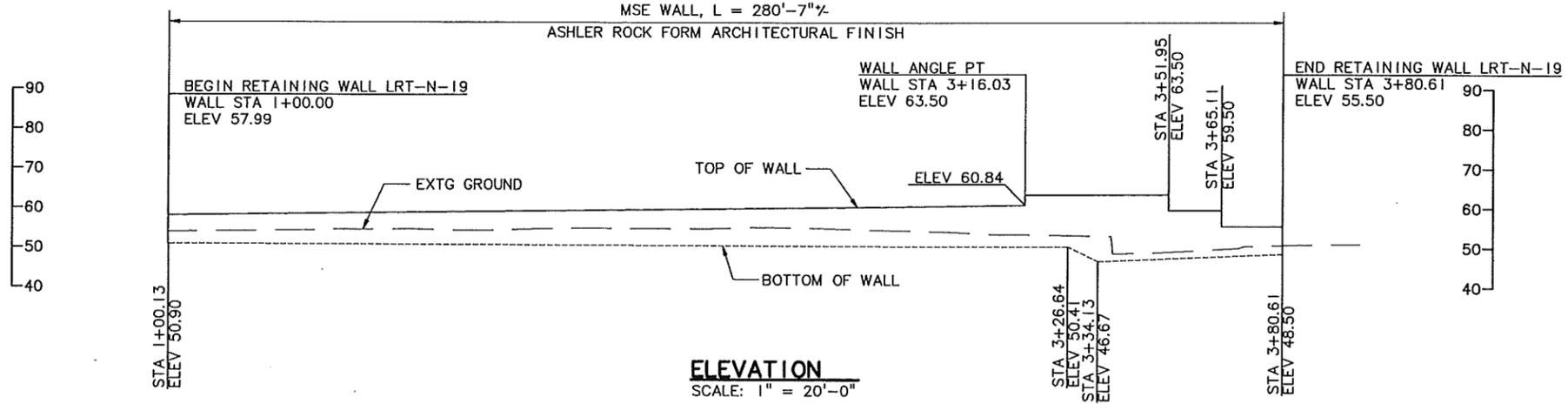
PORTLAND TO MILWAUKIE LRT EAST SEGMENT Exhibit T 18 ARCHITECTURAL GENERAL NOTES / ABBREVIATIONS AND LEGEND			
SCALE:	DRAWING NO.:	CONTRACT NO.:	SHEET NO.:
NONE	A15E-005	RH100544JB	



GENERAL NOTES:

1. WALL CONTROL LINE IS THE FRONT FACE OF WALL AT TOP OF BALLAST, UNLESS NOTED OTHERWISE.

PLAN
SCALE: 1" = 20'-0"



ELEVATION
SCALE: 1" = 20'-0"

NOTE:
ALL HORIZONTAL DIMENSIONS MEASURED ALONG WALL CONTROL LINE

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90% FINAL DESIGN				
11-28-11				
NO.	DATE	BY	APPD.	REVISIONS

GAP DESIGNED	4/27/11
JJC DRAWN	5/4/11
... CHECKED	...
... APPROVED	...

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

DAVID EVANS AND ASSOCIATES INC.

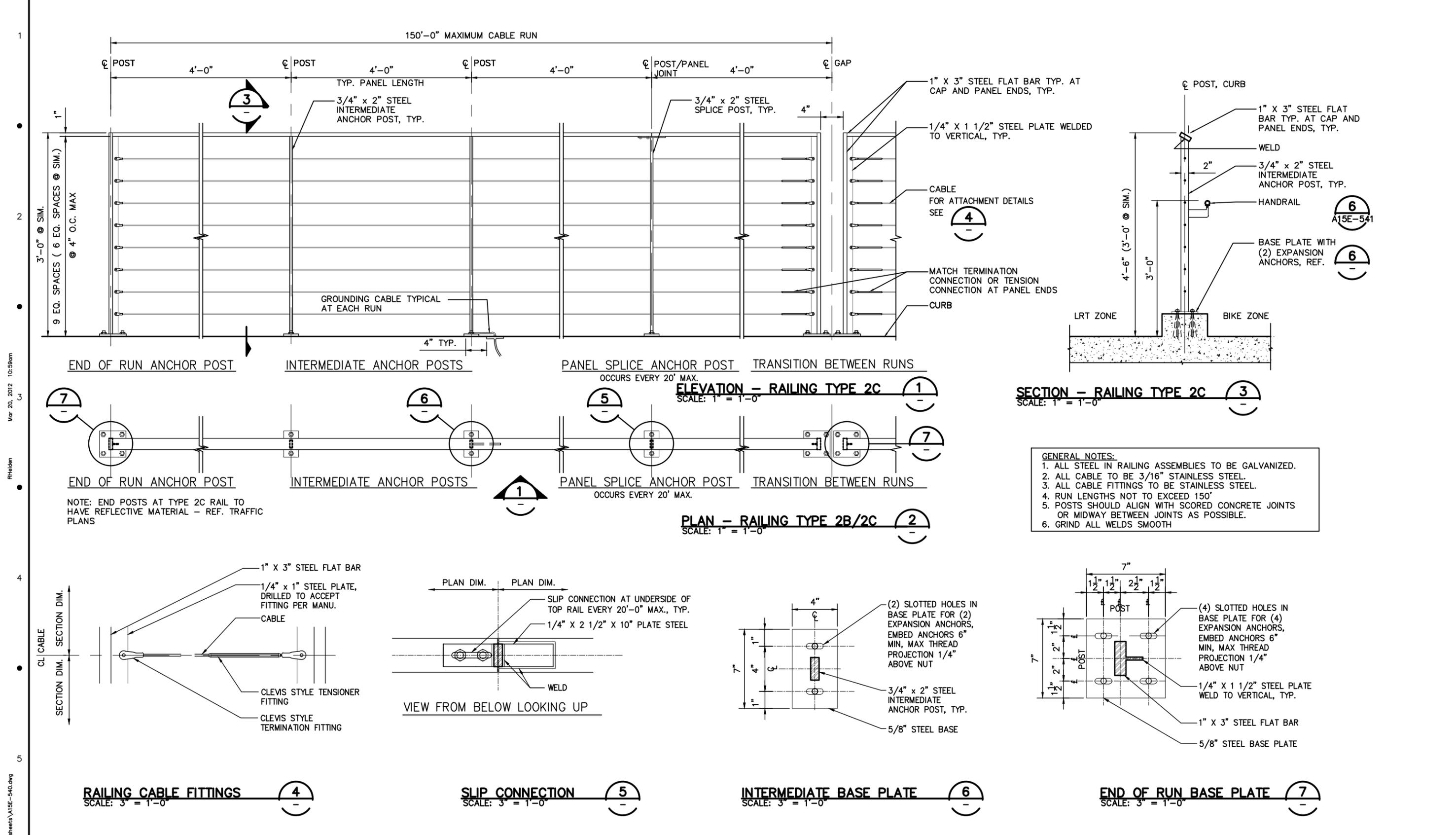
TRIMET

CAPITAL PROJECTS DIVISION
 710 NE HOLLADAY STREET
 PORTLAND, OREGON 97232

SUBMITTED:	DATE:	APPROVED:	DATE:
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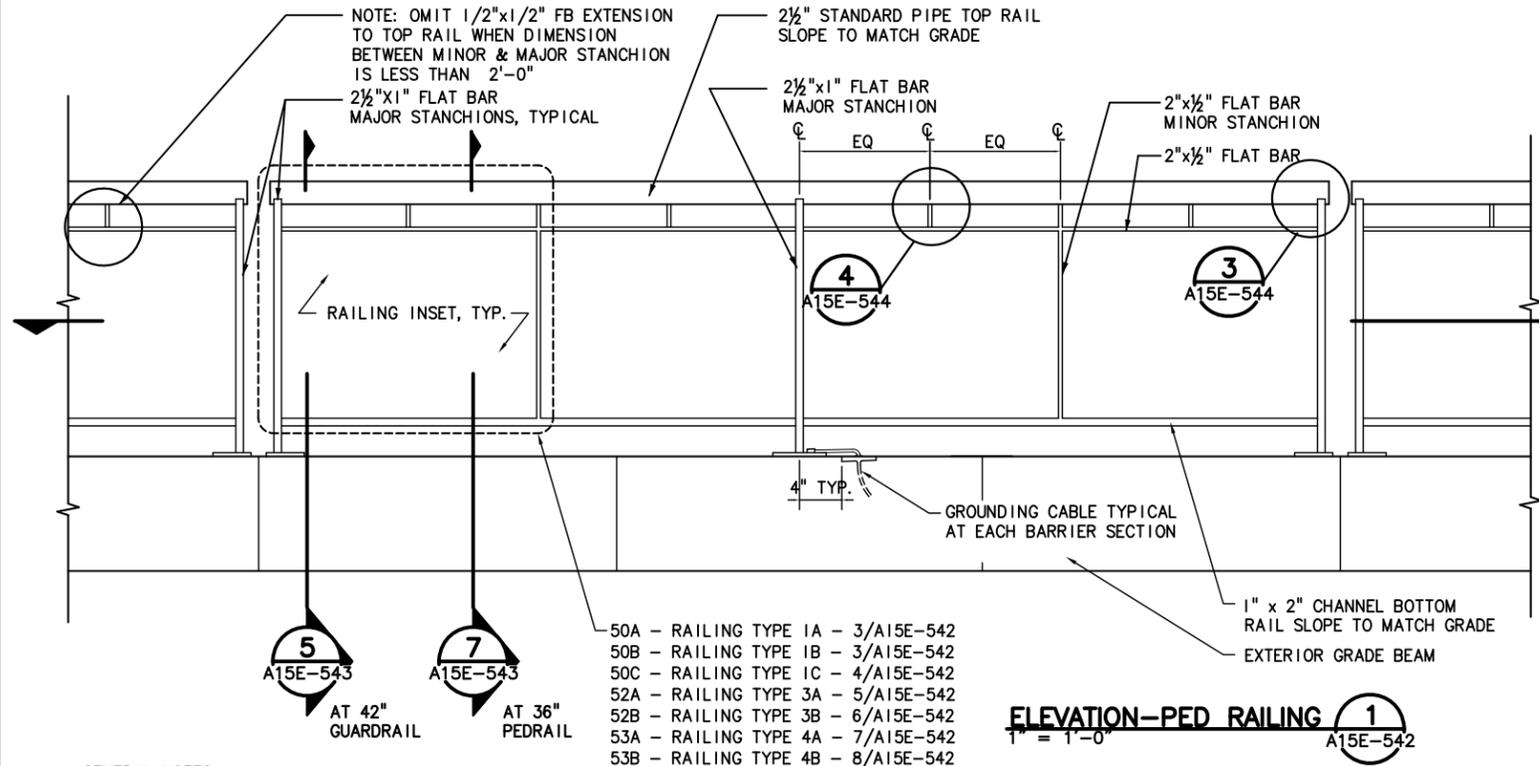
PORTLAND TO MILWAUKIE LRT
 EAST SEGMENT Exhibit T 21
 STRUCTURAL
 MILWAUKIE - RETAINING WALLS
 PLAN AND ELEVATION - LRT-N-19

SCALE:	DRAWING NO.:	CONTRACT NO.:	SHEET NO.:
AS NOTED	S15E-823	RH100544JB	



<p>JMS DESIGNED 10-19-11 DATE</p> <p>SPT DRAWN 10-19-11 DATE</p> <p>TLC CHECKED 11-04-11 DATE</p> <p>APPROVED 5-14-12 DATE</p>				<p>REGISTERED ARCHITECT CAROL MAYER REED LANDSCAPE ARCHITECT</p>				<p>TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON</p> <p>Mayer/Reed</p> <p>DAVID EVANS AND ASSOCIATES INC.</p> <p>TRIMET</p> <p>CAPITAL PROJECTS AND FACILITIES DIVISION 710 N.E. HOLLADAY STREET PORTLAND, OREGON 97232</p>				<p>PORTLAND - MILWAUKIE LRT EAST SEGMENT ARCHITECTURAL DETAILS - RAILINGS</p> <p>Exhibit T 22</p>			
<p>5-14-12 XXX XXX ISSUED FOR CONSTRUCTION</p>				<p>SUBMITTED: 5-14-12</p>				<p>APPROVED: 5-14-12</p>				<p>SCALE: VARIES</p>			
<p>NO. DATE BY APPD. REVISIONS</p>				<p>DATE: 5-14-12</p>				<p>DATE: 5-14-12</p>				<p>DRAWING NO.: A15E-540</p>			
<p>CHK.</p>				<p>DATE: 5-14-12</p>				<p>DATE: 5-14-12</p>				<p>CONTRACT NO.: RH100544JB</p>			
<p>FILE: \LA PROJECTS\PM\Drawings\A15E-540.dwg</p>				<p>DATE: 5-14-12</p>				<p>DATE: 5-14-12</p>				<p>SHEET NO.:</p>			

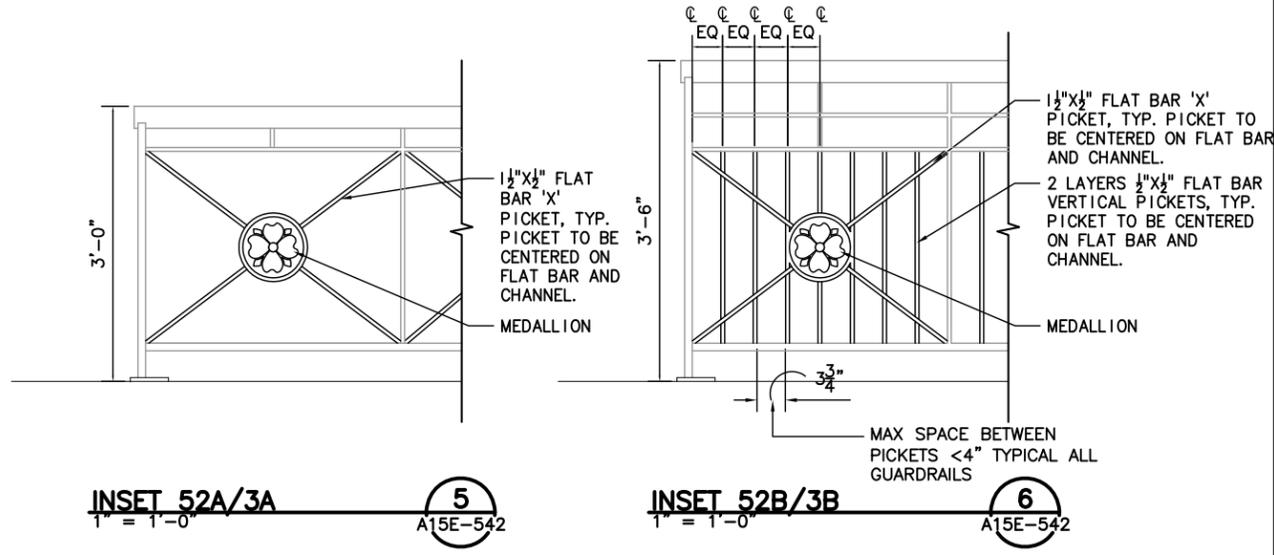
P:\10_jobs\1030.01 Portland Milwaukie Light Rail\cadd\Sheets\600_Railings\A15E-542.dwg Mar. 13, 2012 - 12:57 PM mmeredith hendricks
 Plot Date: 3/20/2012 12:19 PM mmeredith hendricks



- 50A - RAILING TYPE 1A - 3/A15E-542
- 50B - RAILING TYPE 1B - 3/A15E-542
- 50C - RAILING TYPE 1C - 4/A15E-542
- 52A - RAILING TYPE 3A - 5/A15E-542
- 52B - RAILING TYPE 3B - 6/A15E-542
- 53A - RAILING TYPE 4A - 7/A15E-542
- 53B - RAILING TYPE 4B - 8/A15E-542
- SEE INSET FOR RAILING TYPE DETAIL

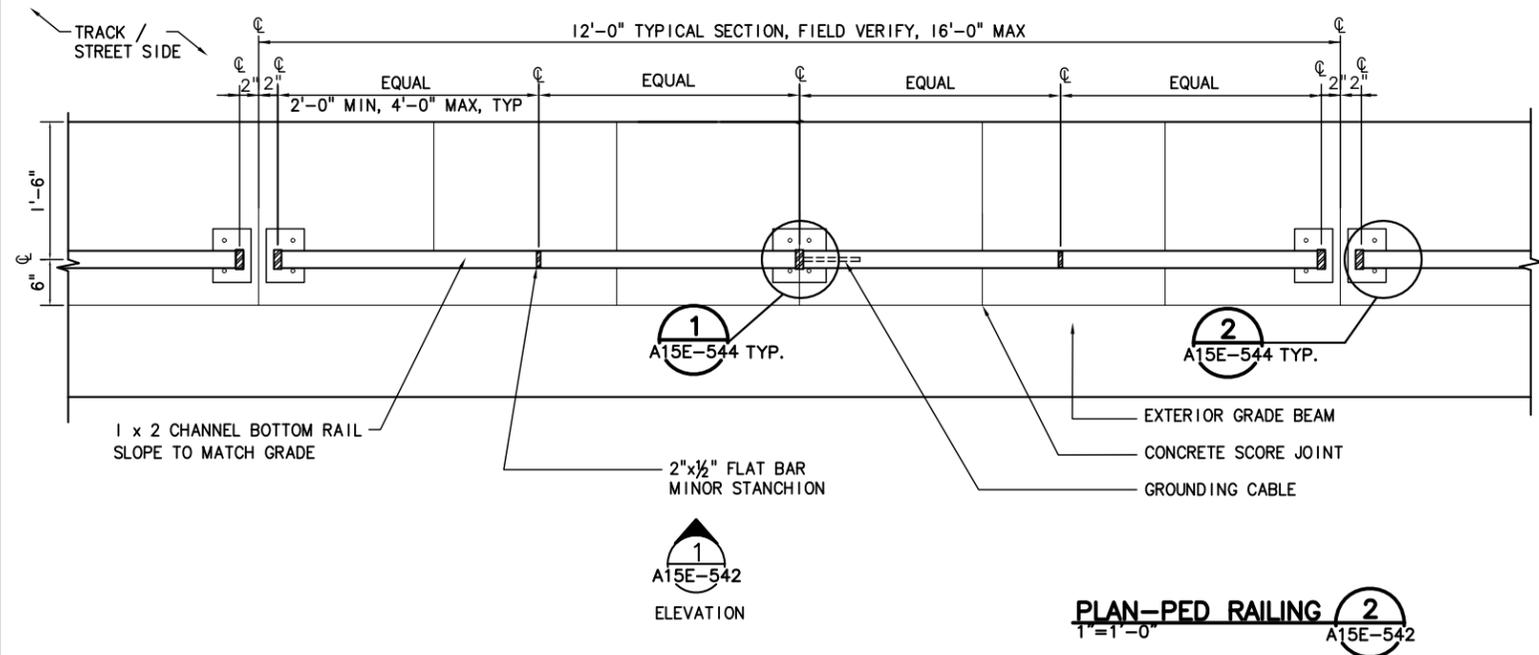
- GENERAL NOTES:**
1. SUPPORTS AND PICKETS TO BE VERTICAL, REGARDLESS OF PAVING SLOPE.
 2. BUILD GUARD/PED-RAIL IN STRAIGHT SECTIONS TANGENT WITH SIDEWALK PROFILE.
 3. HOT DIP GALVANIZE AFTER FABRICATION, TYPICAL, UNLESS OTHERWISE NOTED.
 4. RAILING COMBINATION WITH INSET 52A AND 52B TO BE PAINTED P2 BLACK, SEE SPECIFICATION. HANDRAIL, WHERE OCCURS, TO REMAIN STAINLESS STEEL FINISH.

ELEVATION-PED RAILING 1
 1" = 1'-0" A15E-542



INSET 52A/3A 5
 1" = 1'-0" A15E-542

INSET 52B/3B 6
 1" = 1'-0" A15E-542



PLAN-PED RAILING 2
 1" = 1'-0" A15E-542

NO.	DATE	BY	APPD.	REVISIONS
03-28-12				ISSUED FOR CONSTRUCTION

DESIGNED	MM	5-01-11
DRAWN	VC	10-07-11
CHECKED	WB	11-06-11
APPROVED		5-14-12



TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

waterleaf architecture, interiors & planning

Mayer/Reed

TRIOMET

CAPITAL PROJECTS AND FACILITIES DIVISION
 710 N.E. HOLLADAY STREET
 PORTLAND, OREGON 97232

SUBMITTED: DATE: 5-14-12 APPROVED: DATE: 5-14-12

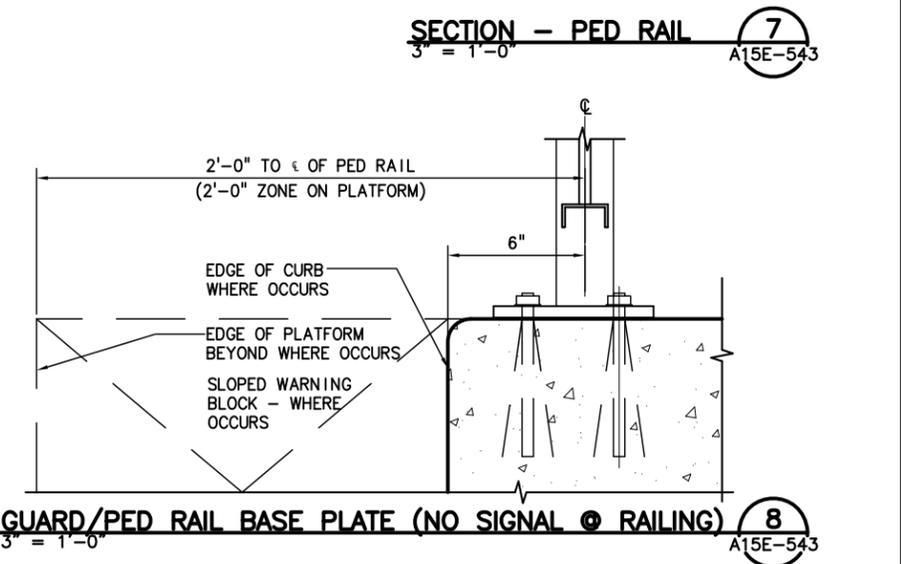
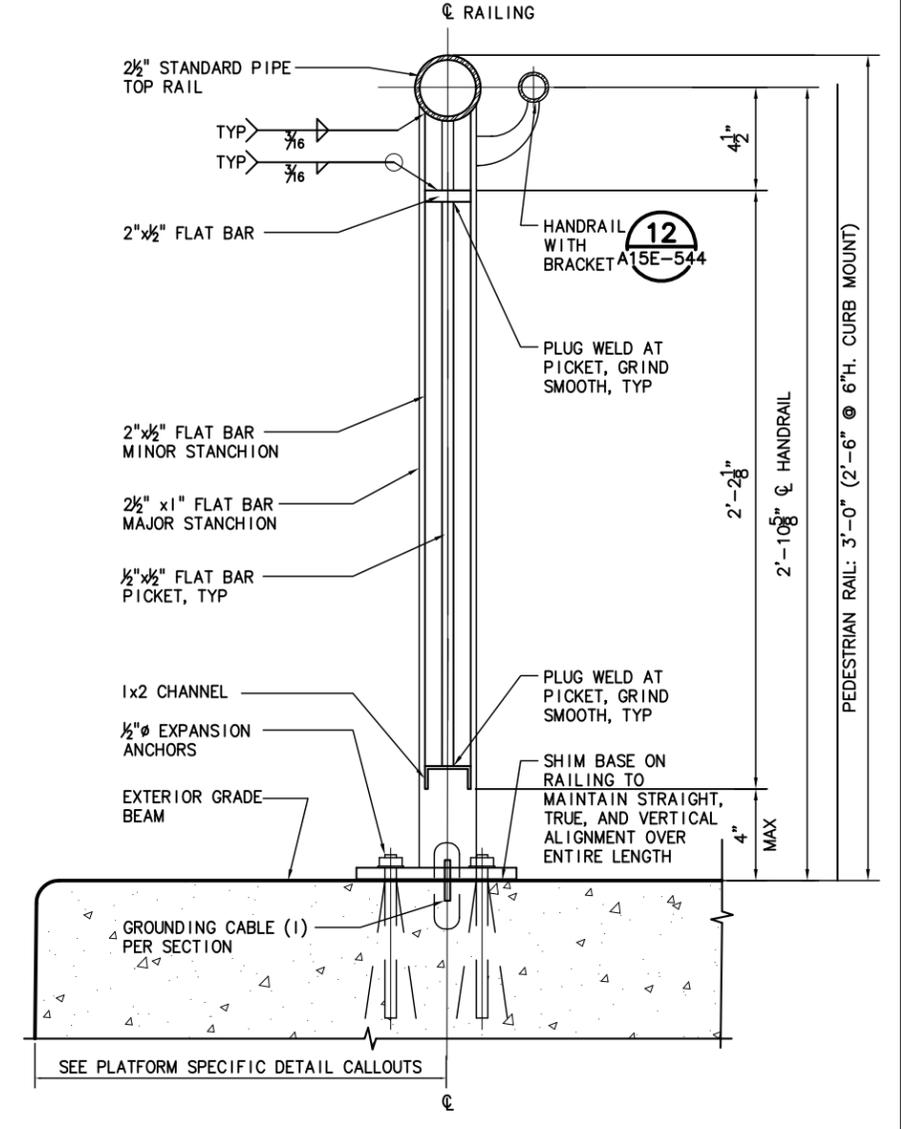
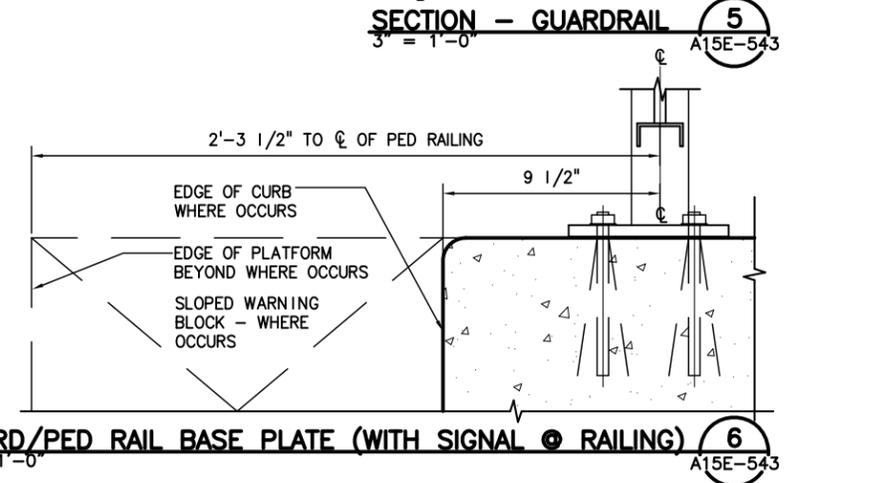
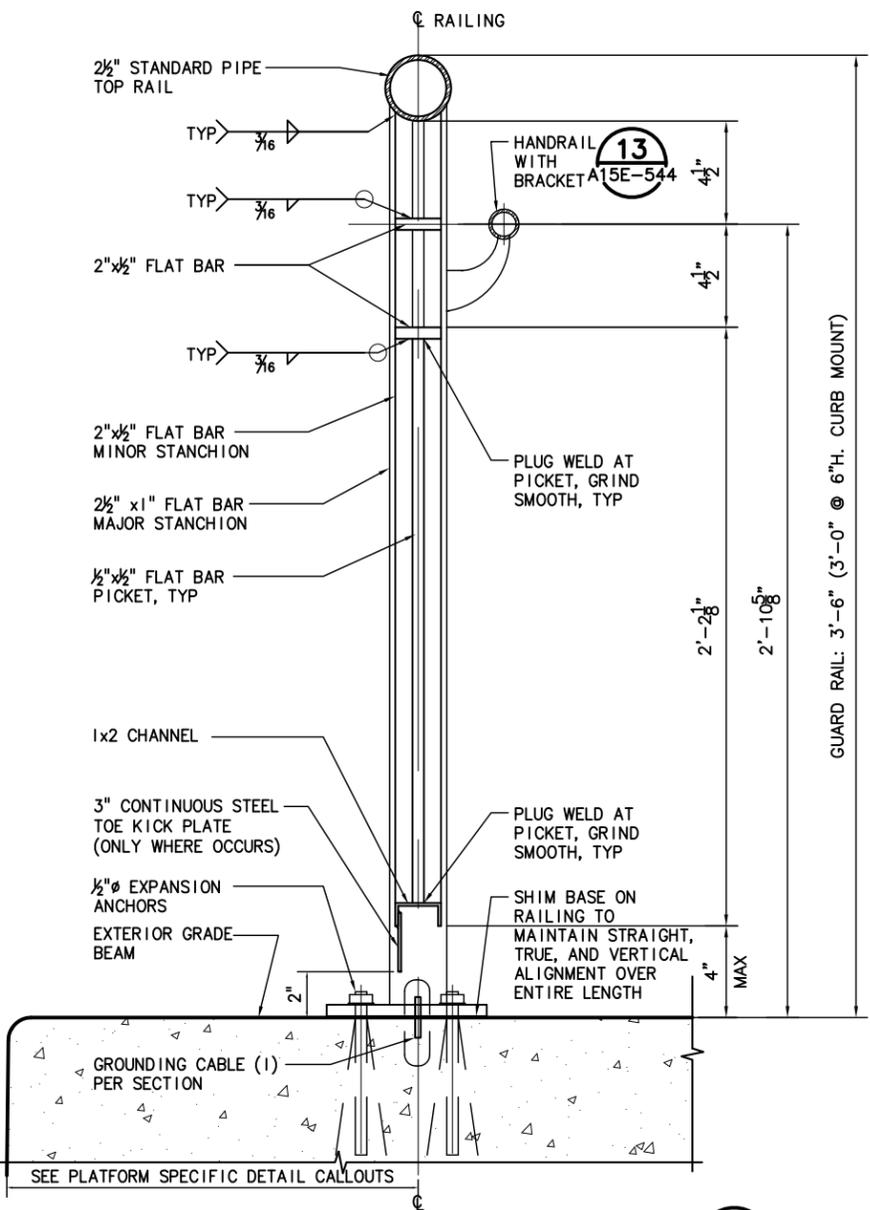
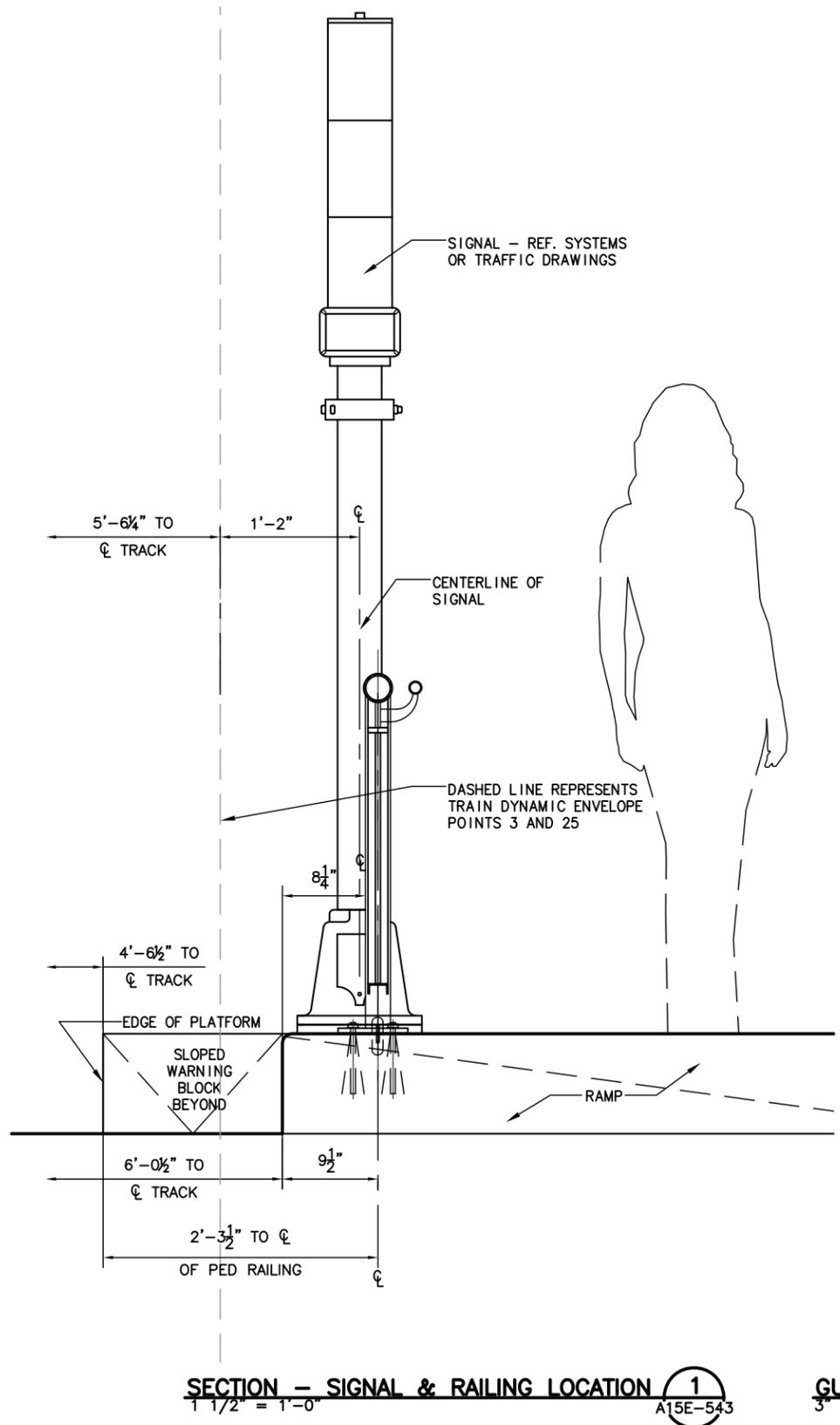
PORTLAND TO MILWAUKIE LRT EAST SEGMENT

ARCHITECTURAL TYPICAL GUARD / PED RAILING ELEVATIONS

Exhibit T 23

SCALE: VARIES DRAWING NO.: A15E-542 CONTRACT NO.: RH100544JB SHEET NO.:

P:\10_jobs\1030.01 Portland Milwaukie Light Rail\cod\Sheets\600_Railings\A15E-543.dwg Mar. 13, 2012 - 12:58 PM meredith hendricks
 Plot Date: 3/20/2012 12:21 PM meredith hendricks



NO.	DATE	BY	APPD.	ISSUED FOR CONSTRUCTION
03-28-12				
NO.	DATE	BY	APPD.	REVISIONS

MM DESIGNED	5-01-11	DATE
VC DRAWN	10-07-11	DATE
WB CHECKED	11-06-11	DATE
APPROVED	5-14-12	DATE



TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

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CAPITAL PROJECTS AND FACILITIES DIVISION
 710 N.E. HOLLADAY STREET
 PORTLAND, OREGON 97232

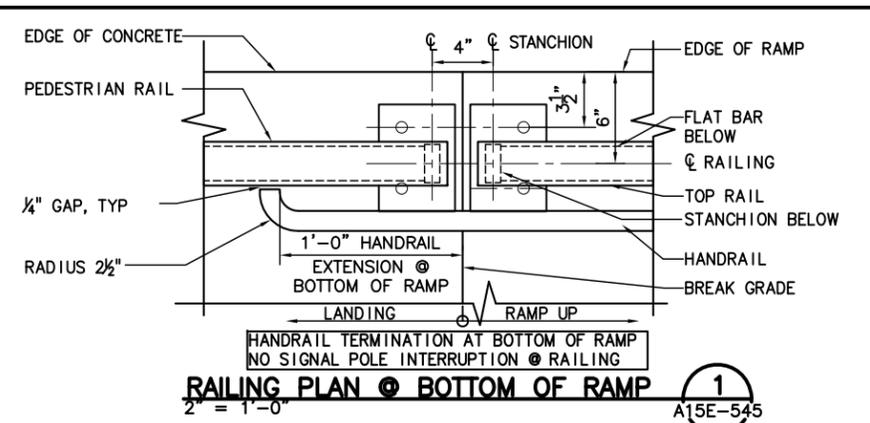
SUBMITTED: DATE: 5-14-12 APPROVED: DATE: 5-14-12

PORTLAND TO MILWAUKIE LRT EAST SEGMENT Exhibit T 24

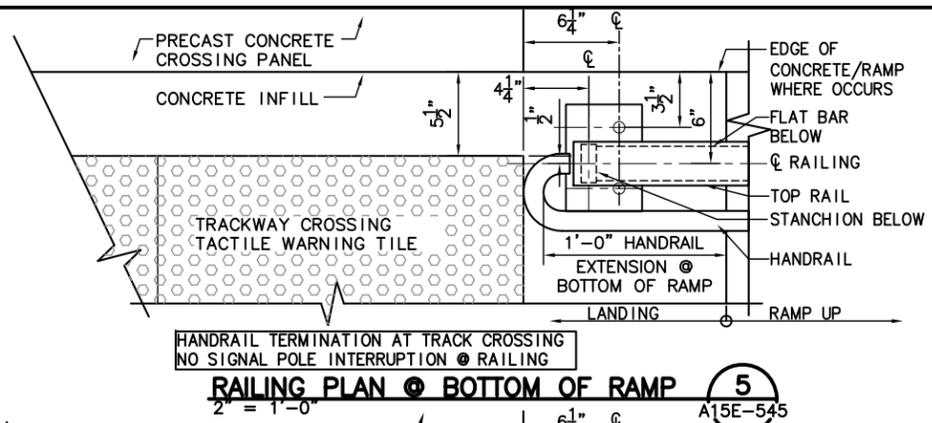
ARCHITECTURAL TYPICAL GUARD / PED RAILING SECTIONS

SCALE: VARIES DRAWING NO.: A15E-543 CONTRACT NO.: RH100544JB SHEET NO.:

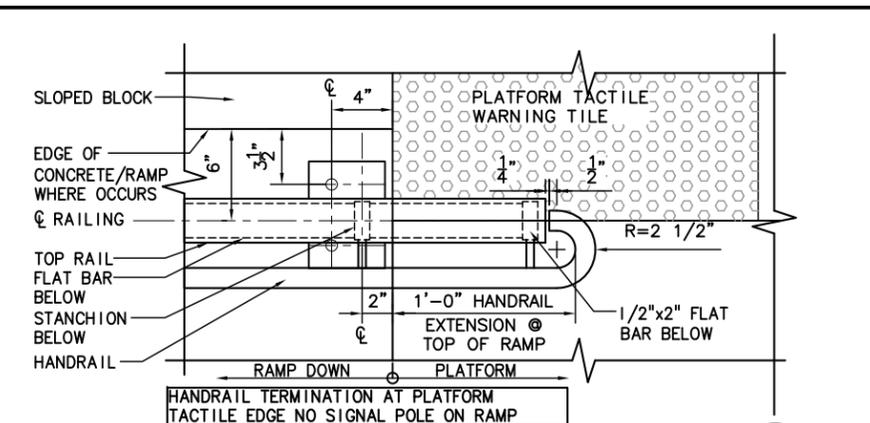
P:\10_jobs\1030.01 Portland Milwaukie Light Rail\cadd\Sheets\600_Railings\A15E-545.dwg Mar. 13, 2012 1:00 PM meredith hendricks
 Plot Date: 3/20/2012 12:22 PM_meredith hendricks



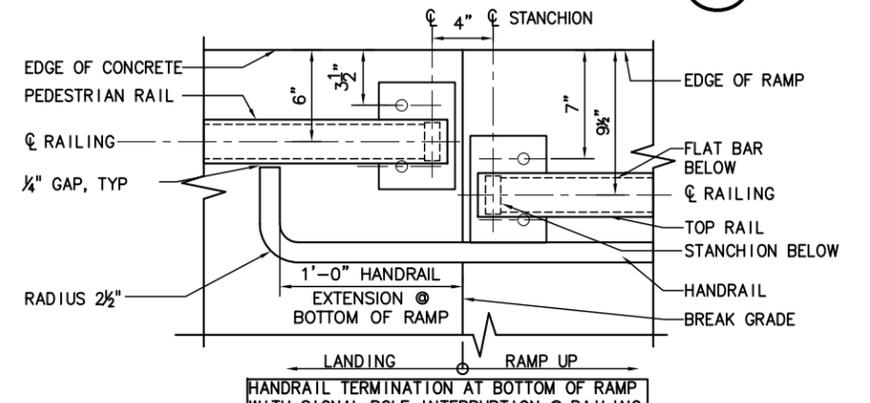
RAILING PLAN @ BOTTOM OF RAMP 1
 A15E-545



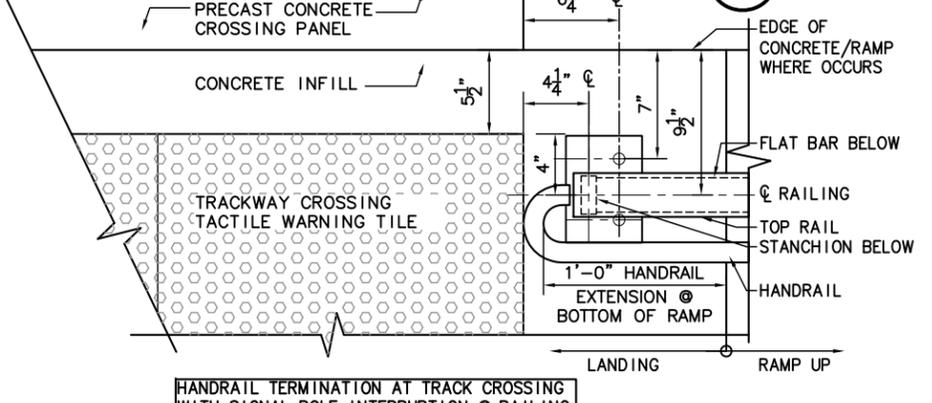
RAILING PLAN @ BOTTOM OF RAMP 5
 A15E-545



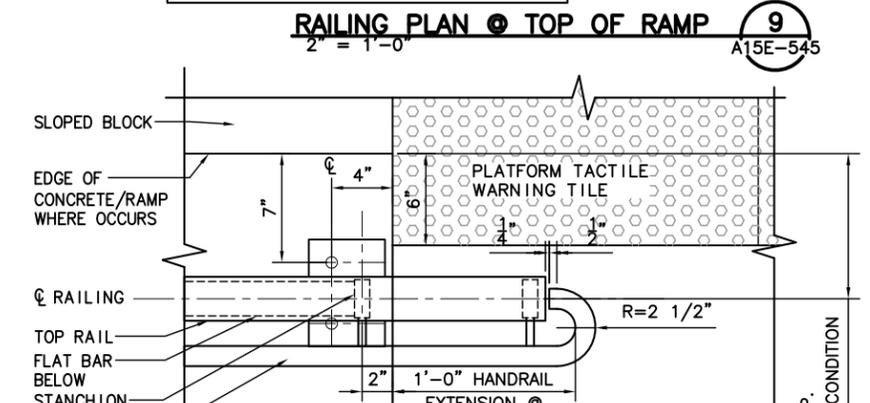
RAILING PLAN @ TOP OF RAMP 9
 A15E-545



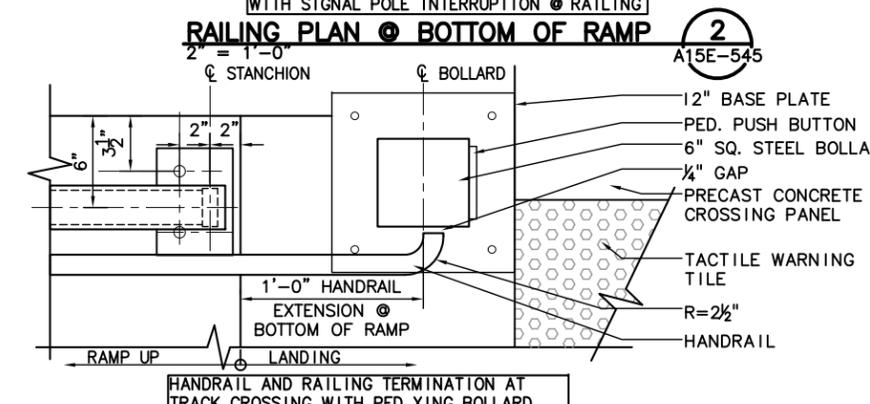
RAILING PLAN @ BOTTOM OF RAMP 2
 A15E-545



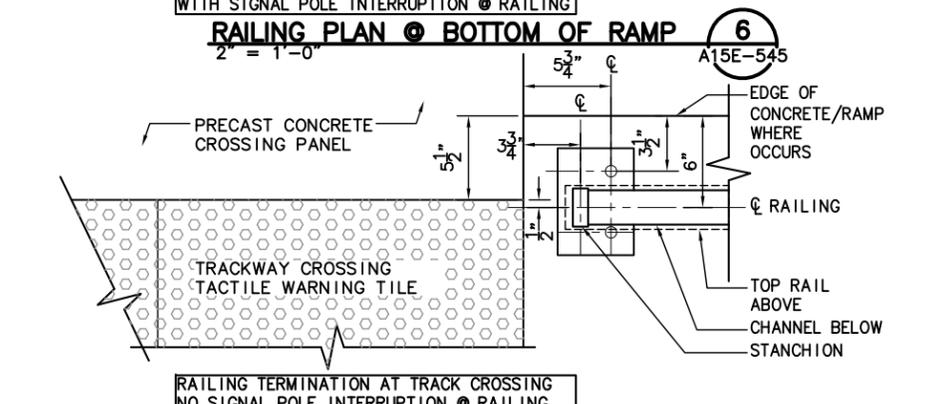
RAILING PLAN @ BOTTOM OF RAMP 6
 A15E-545



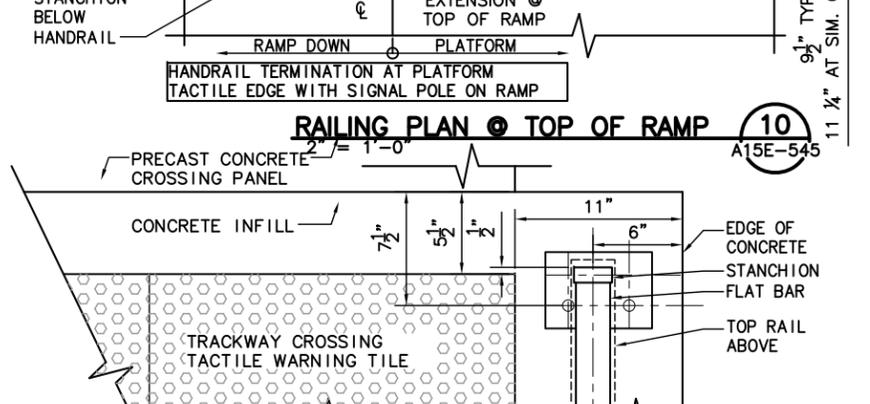
RAILING PLAN @ TOP OF RAMP 10
 A15E-545



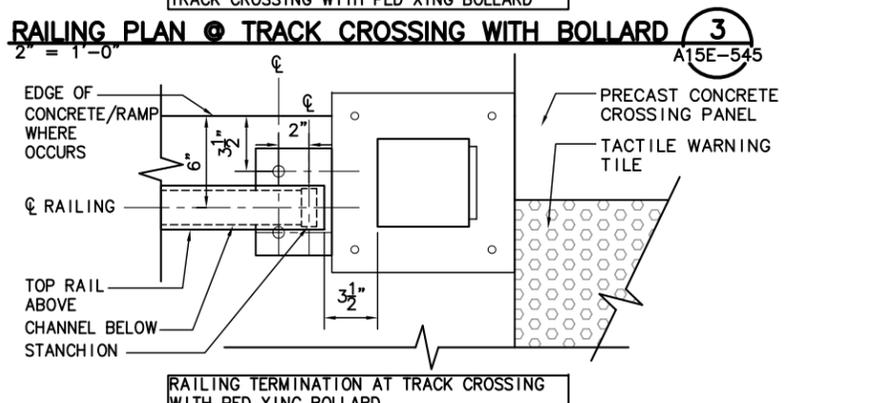
RAILING PLAN @ TRACK CROSSING WITH BOLLARD 3
 A15E-545



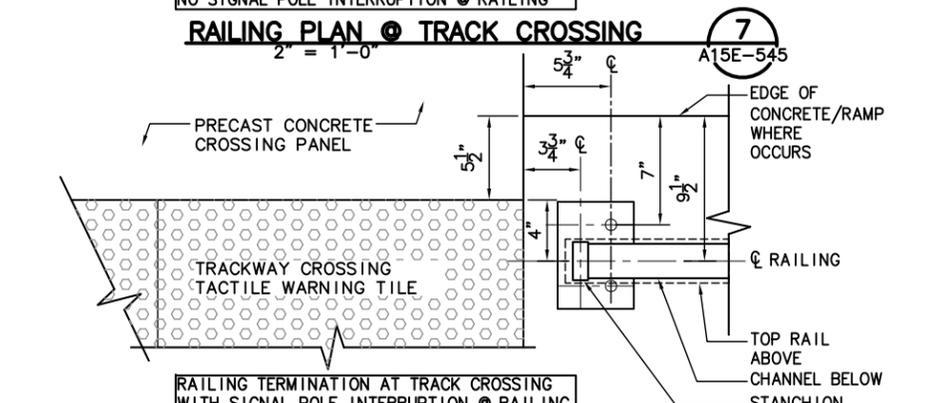
RAILING PLAN @ TRACK CROSSING 7
 A15E-545



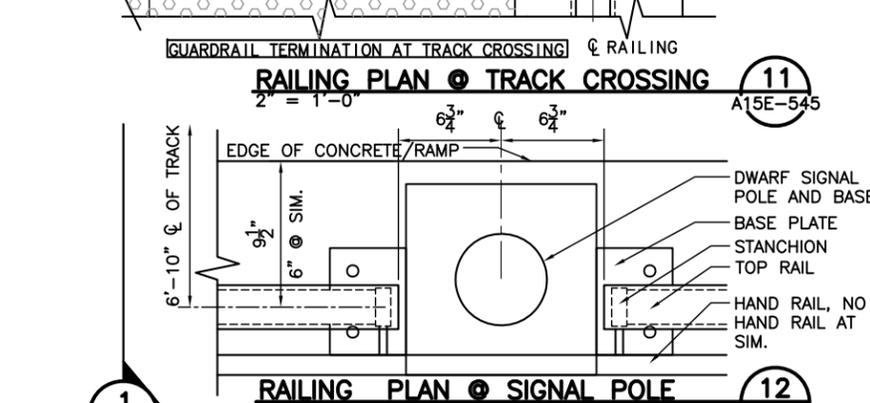
RAILING PLAN @ TRACK CROSSING 11
 A15E-545



RAILING PLAN @ TRACK CROSSING WITH BOLLARD 4
 A15E-545



RAILING PLAN @ TRACK CROSSING 8
 A15E-545



RAILING PLAN @ SIGNAL POLE 12
 A15E-545

NO.	DATE	BY	APPR.	REVISIONS
03-28-12				ISSUED FOR CONSTRUCTION

MM DESIGNED	5-09-11
VC DRAWN	10-17-11
WB CHECKED	11-06-11
APPROVED	5-14-12

REGISTERED ARCHITECT
 PRELIMINARY
 JON C. BAKER
 ARCHITECT, INTERIORS & PLANNING
 PORTLAND, OREGON

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

waterleaf architecture, interiors & planning

Mayer/Reed

TRIOMET

CAPITAL PROJECTS AND FACILITIES DIVISION
 710 N.E. HOLLADAY STREET
 PORTLAND, OREGON 97232

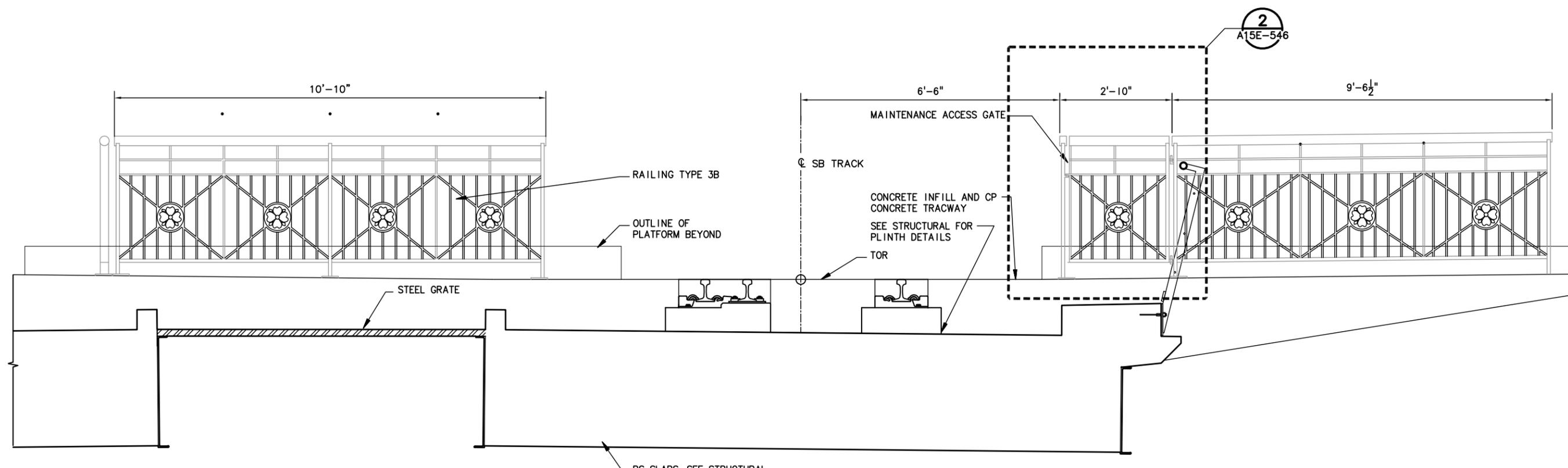
SUBMITTED: DATE: 5-14-12 APPROVED: DATE: 5-14-12

PORTLAND TO MILWAUKIE LRT
 EAST SEGMENT
 ARCHITECTURAL TYPICAL GUARD / PED RAILING DETAILS

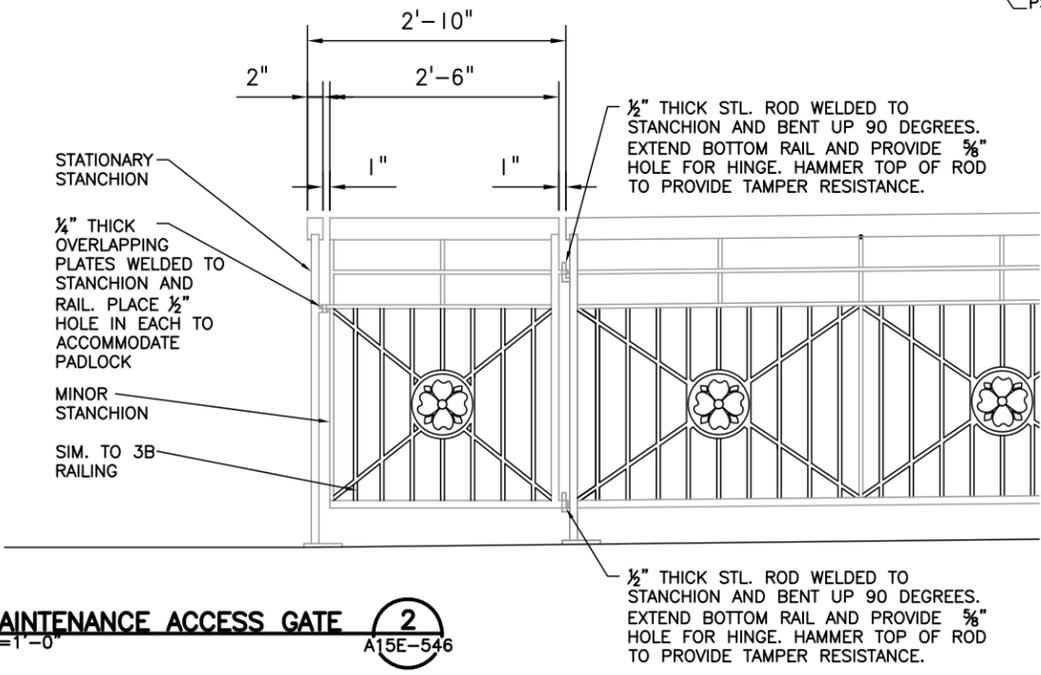
Exhibit T 25

SCALE: VARIES DRAWING NO.: A15E-545 CONTRACT NO.: RH100544JB SHEET NO.:

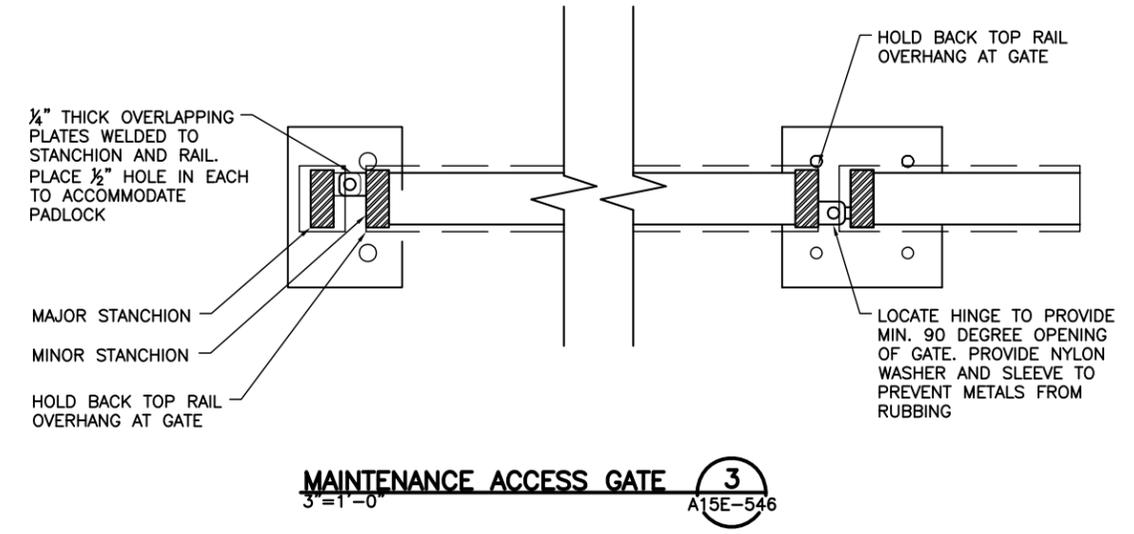
P:\10_jobs\1030.01 Portland Milwaukie Light Rail\cadd\Sheets\600_Railings\A15E-546.dwg Mar. 16, 2012 1:41 PM meredith hendricks
 Plot Date: 3/20/2012 2:47 PM_meredith hendricks



RAILING AT MILWAUKIE/MAIN ST STATION ②
 3/4"=1'-0" A15E-546



MAINTENANCE ACCESS GATE ②
 1"=1'-0" A15E-546



MAINTENANCE ACCESS GATE ③
 3"=1'-0" A15E-546

NO.	DATE	BY	APPD.	REVISIONS
03-28-12				ISSUED FOR CONSTRUCTION

MM	5-09-11
DESIGNED	DATE
MH	5-09-11
DRAWN	DATE
WB	11-06-11
CHECKED	DATE
APPROVED	5-14-12
	DATE



TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

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TRIOMET

CAPITAL PROJECTS AND FACILITIES DIVISION
 710 N.E. HOLLADAY STREET
 PORTLAND, OREGON 97232

SUBMITTED: DATE: 5-14-12 APPROVED: DATE: 5-14-12

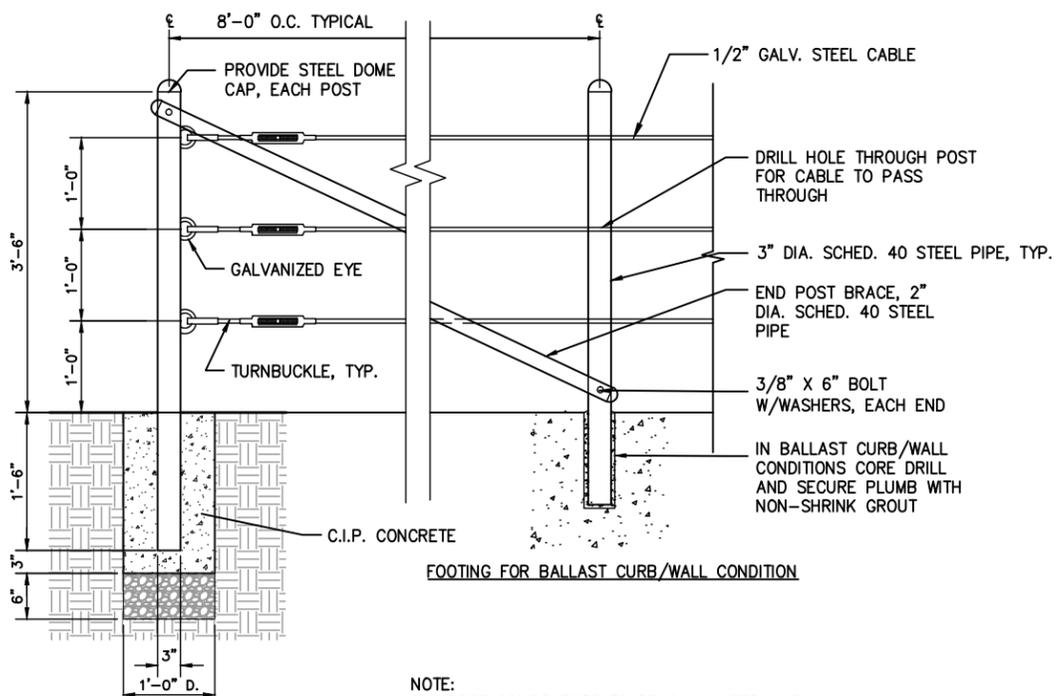
PORTLAND TO MILWAUKIE LRT
EAST SEGMENT Exhibit T 26
 ARCHITECTURAL
 GUARD RAIL DETAILS
 MILWAUKIE

SCALE: VARIES DRAWING NO.: A15E-546 CONTRACT NO.: RH100544JB SHEET NO.:

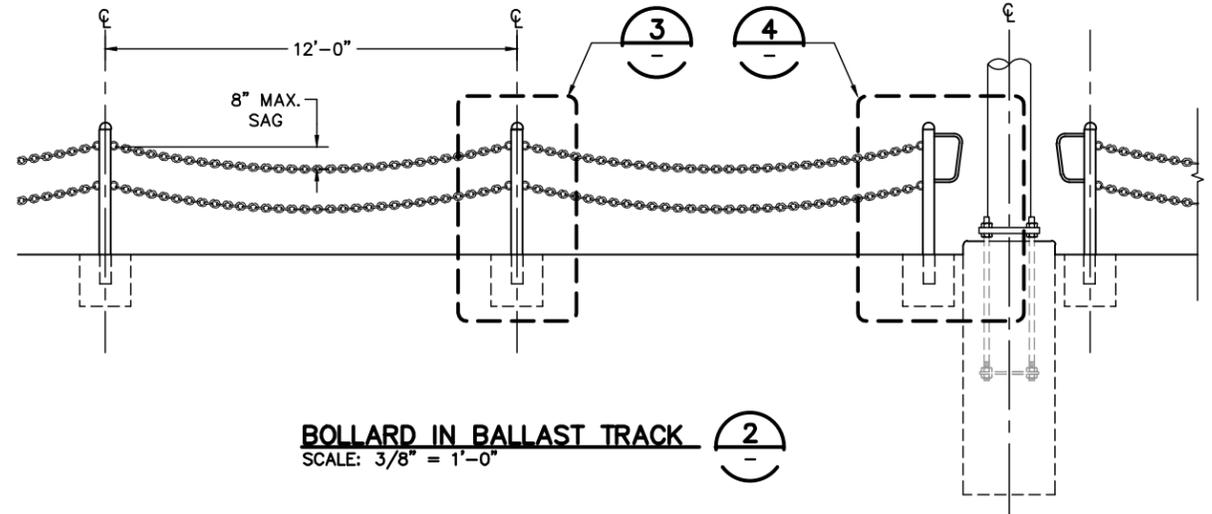
Mar 20, 2012 11:02am

Rhielden

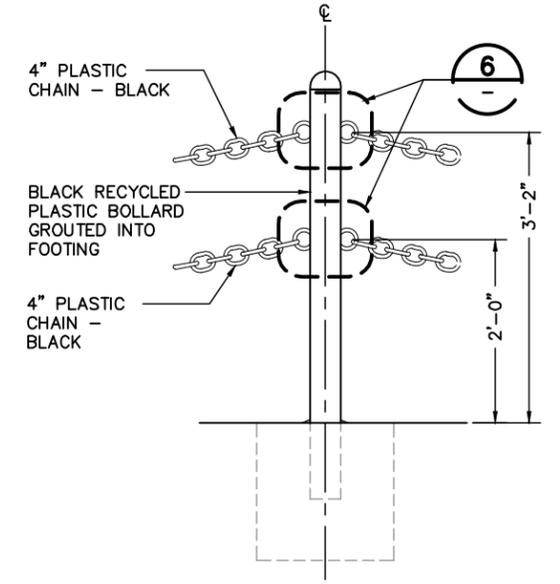
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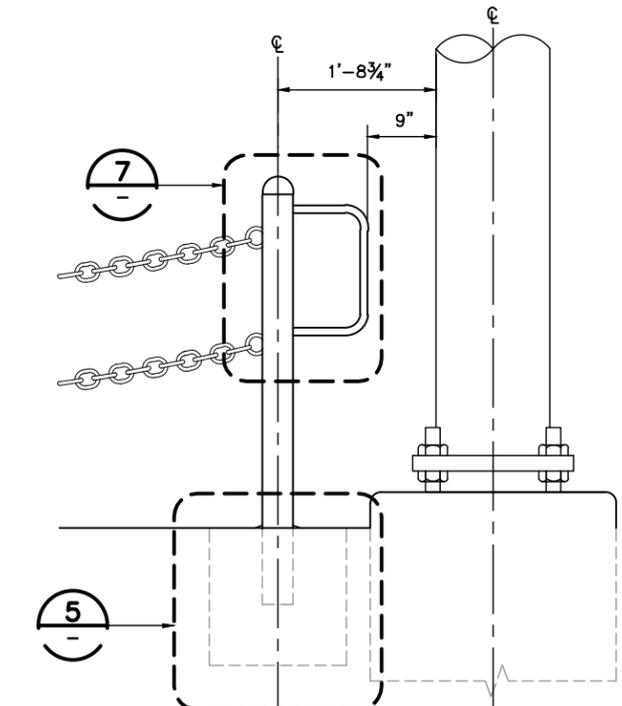
**RAILING - TYPE 7A
(CABLE SAFETY RAILING)**
SCALE: 1" = 1'-0"



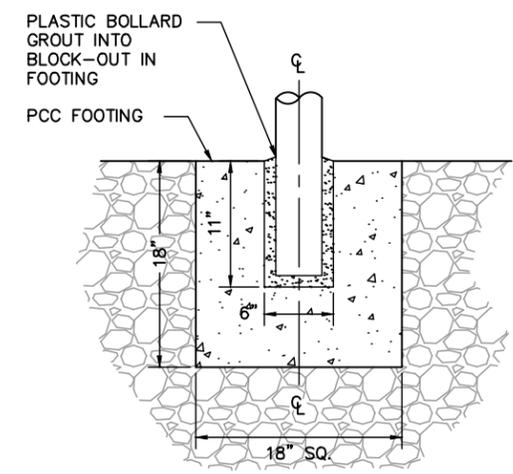
BOLLARD IN BALLAST TRACK
SCALE: 3/8" = 1'-0"



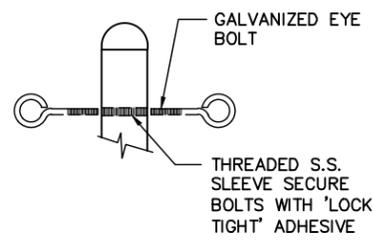
PLASTIC BOLLARD W/ CHAIN - TYPICAL
SCALE: 1" = 1'-0"



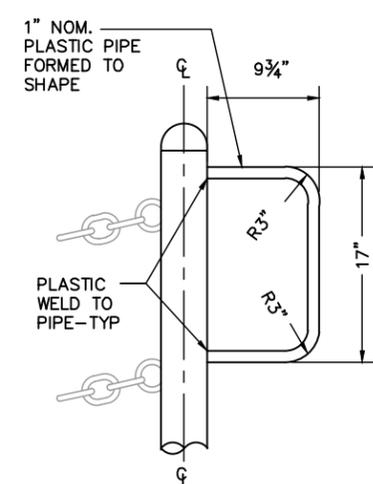
PLASTIC BOLLARD AT OCS POLE
SCALE: 1" = 1'-0"



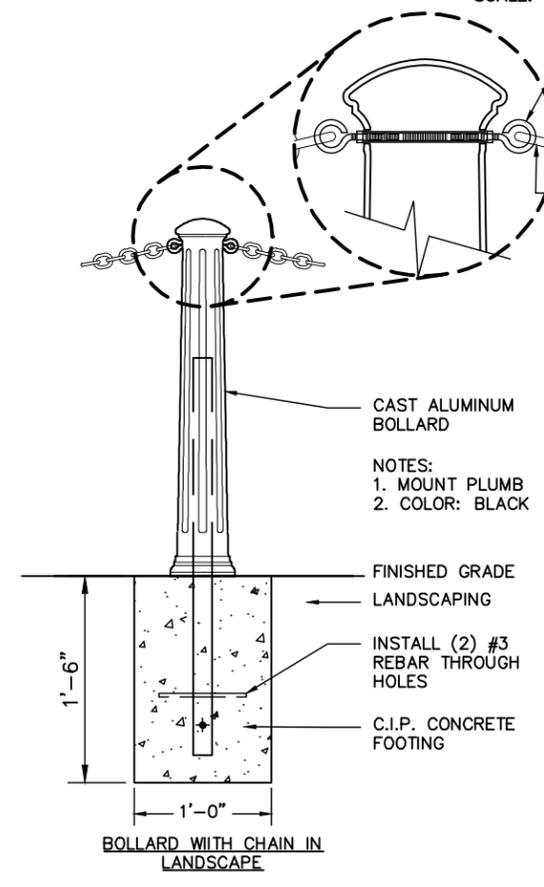
PLASTIC BOLLARD FOOTING
SCALE: 1-1/2" = 1'-0"



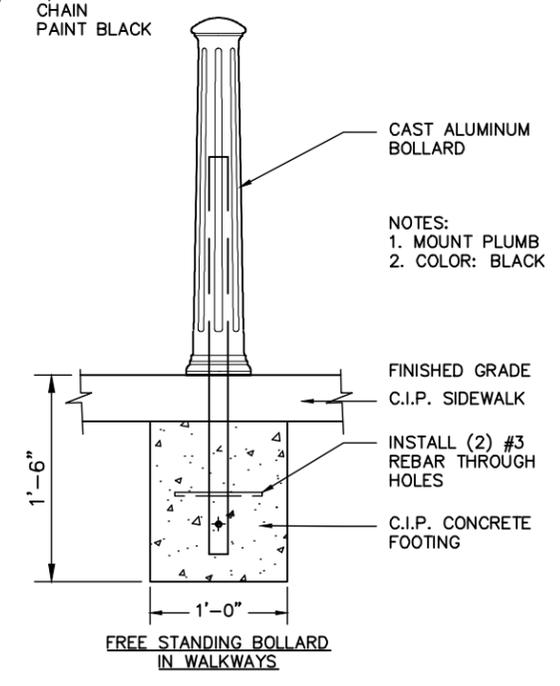
CHAIN CONNECTION DETAIL
SCALE: 1-1/2" = 1'-0"



PLASTIC BOLLARD EXTENSION
SCALE: 1-1/2" = 1'-0"



CITY OF MILWAUKIE BOLLARD
SCALE: 1-1/2" = 1'-0"



**FREE STANDING BOLLARD
IN WALKWAYS**

NO.	DATE	BY	APPD.	REVISIONS
5-14-12	XXX	XXX		ISSUED FOR CONSTRUCTION

JMS	06-01-11	DESIGNED	DATE
SPT	06-01-11	DRAWN	DATE
TLC	11-04-11	CHECKED	DATE
	5-14-12	APPROVED	DATE

REGISTERED
LANDSCAPE ARCHITECT
PRELIMINARY
CAROL MAYER REED
LANDSCAPE ARCHITECT

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

Mayer/Reed

DAVID EVANS AND ASSOCIATES INC.

TRIOMET

CAPITAL PROJECTS AND FACILITIES DIVISION
710 N.E. HOLLADAY STREET
PORTLAND, OREGON 97232

SUBMITTED: DATE: 5-14-12 APPROVED: DATE: 5-14-12

PORTLAND - MILWAUKIE LRT
EAST SEGMENT
ARCHITECTURAL DETAILS - PED BOLLARDS

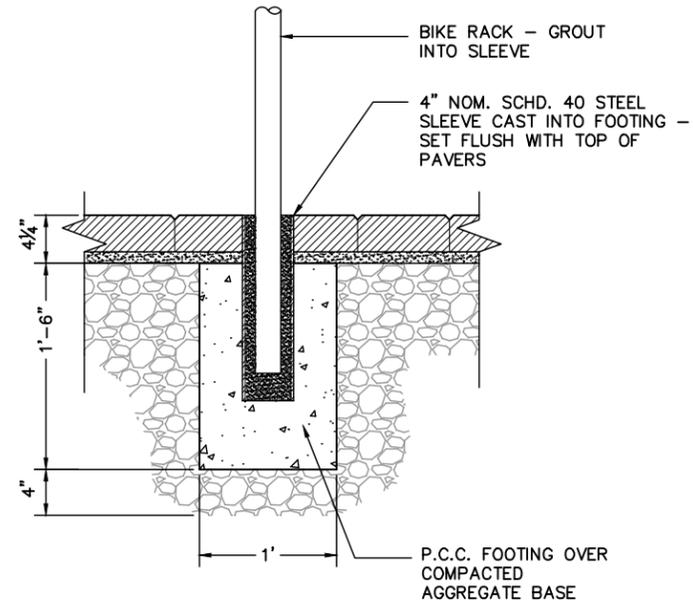
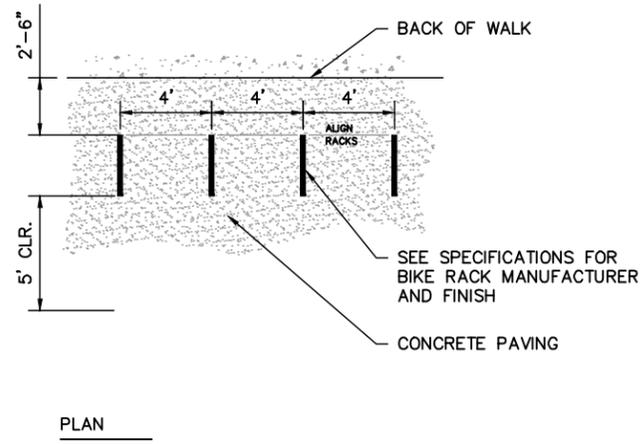
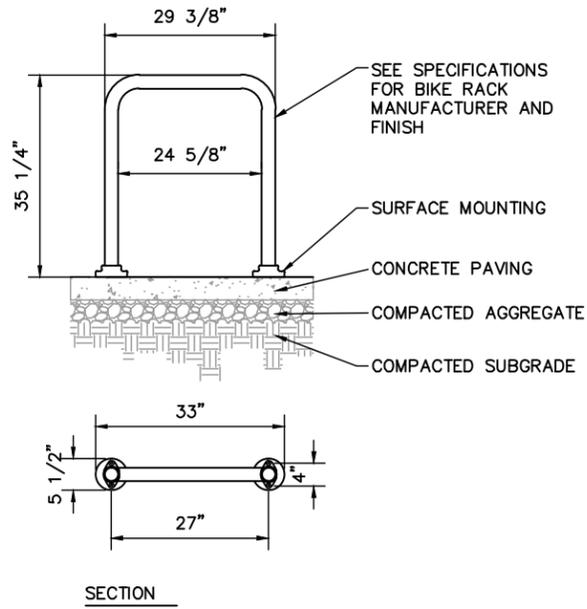
Exhibit T 28

SCALE: VARIES DRAWING NO.: A15E-550 CONTRACT NO.: RH100544JB SHEET NO.:

Mar 20, 2012 11:04am

Rhielden

I:\V1 LA PROJECTS\PIKE\Drawings\Sheet\A15E-571.dwg



**BIKE RACK AT P.C.C. SIDEWALK (O.F.C.I.)
(FREESTANDING SURFACE MOUNT)**

NTS



BIKE RACK AT CONCRETE PAVER

NTS



BIKE LOCKER

NTS



NO.	DATE	BY	CHK.	APPD.	REVISIONS
5-14-12	XXX	XXX			ISSUED FOR CONSTRUCTION

JMS	06-01-11
DESIGNED	DATE
SPT	06-01-11
DRAWN	DATE
TLC	11-04-11
CHECKED	DATE
APPROVED	5-14-12
	DATE



TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

Mayer/Reed



TRI MET

CAPITAL PROJECTS
AND
FACILITIES DIVISION
710 N.E. HOLLADAY STREET
PORTLAND, OREGON 97232

SUBMITTED:	DATE:	APPROVED:	DATE:	SCALE:	DRAWING NO.:	CONTRACT NO.:	SHEET NO.:
	5-14-12		5-14-12	VARIES	A15E-571	RH100544JB	

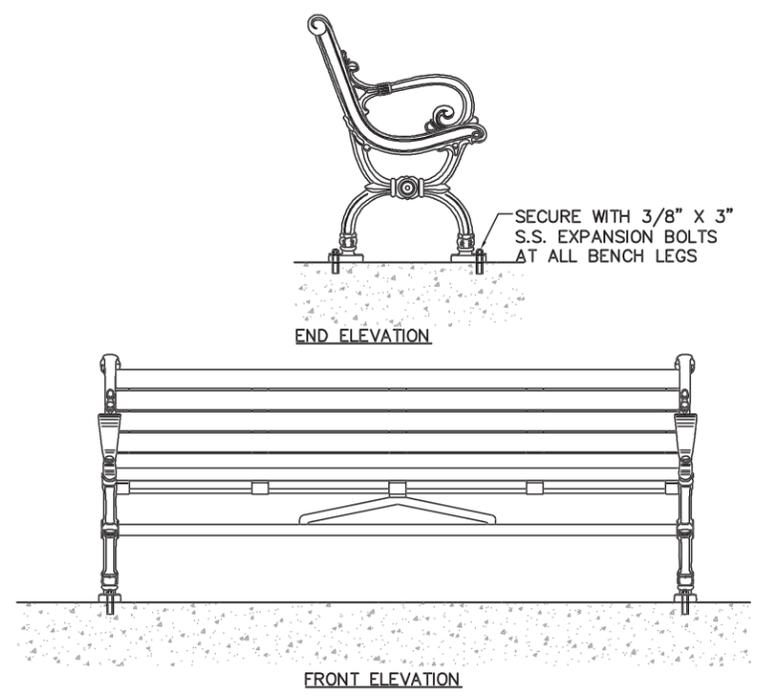
PORTLAND - MILWAUKIE LRT
EAST SEGMENT Exhibit T 29
ARCHITECTURAL
DETAILS - FURNISHING

1
2
3
4
5

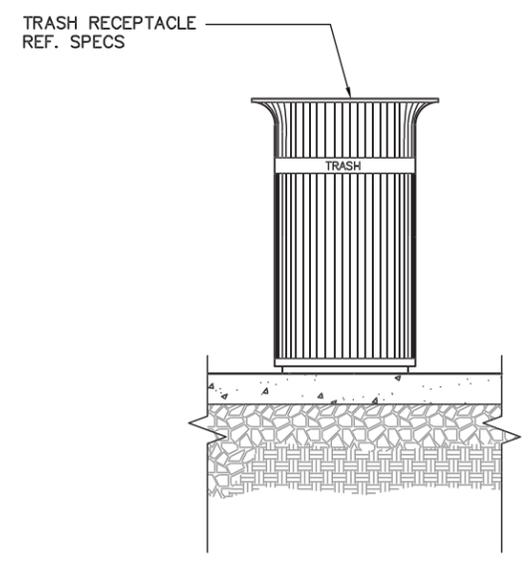
Mar 20, 2012 11:05am

Rhielden

I:\LA PROJECTS\PM\Oregon\Projects\15E-572.dwg



CITY OF MILWAUKIE BENCH (1)
NTS



TRASH RECEPTACLE - TYPE 1 (O.F.C.I.) (CITY OF MILWAUKIE) (2)
NTS

NO.	DATE	BY	CHK.	APPD.	REVISIONS
5-14-12	XXX	XXX			ISSUED FOR CONSTRUCTION

JMS DESIGNED	06-01-11 DATE
SPT DRAWN	06-01-11 DATE
TLC CHECKED	11-04-11 DATE
APPROVED	5-14-12 DATE



TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

Mayer/Reed

DAVID EVANS AND ASSOCIATES INC.

TRIOMET

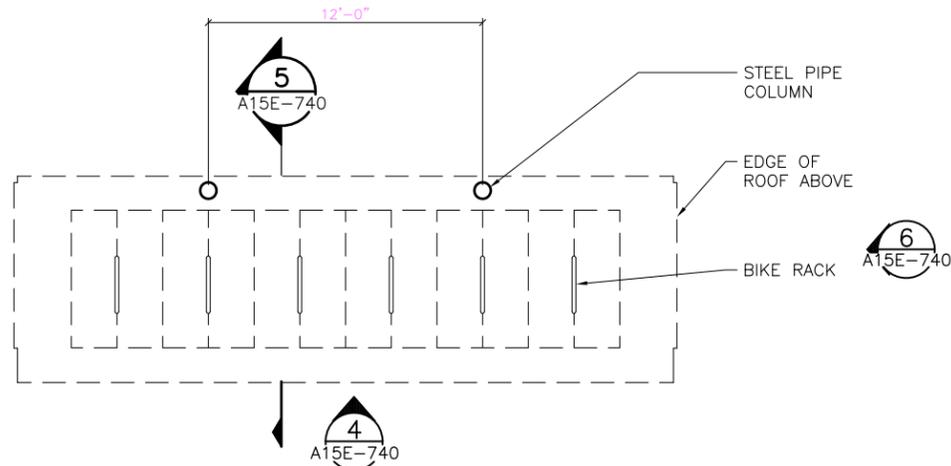
CAPITAL PROJECTS AND FACILITIES DIVISION
710 N.E. HOLLADAY STREET
PORTLAND, OREGON 97232

SUBMITTED: DATE: 5-14-12 APPROVED: DATE: 5-14-12

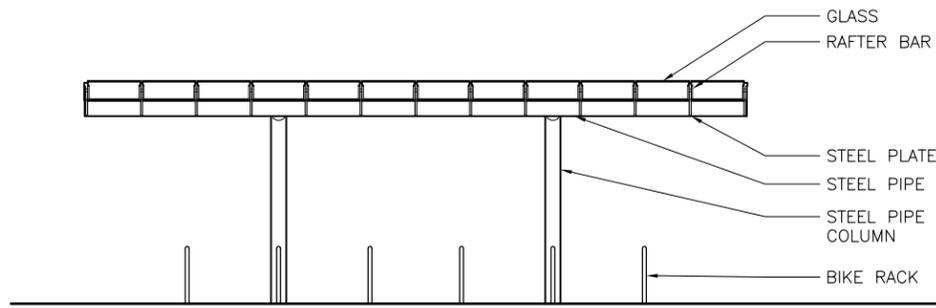
PORTLAND - MILWAUKIE LRT
EAST SEGMENT
ARCHITECTURAL DETAILS - FURNISHING

Exhibit T 30

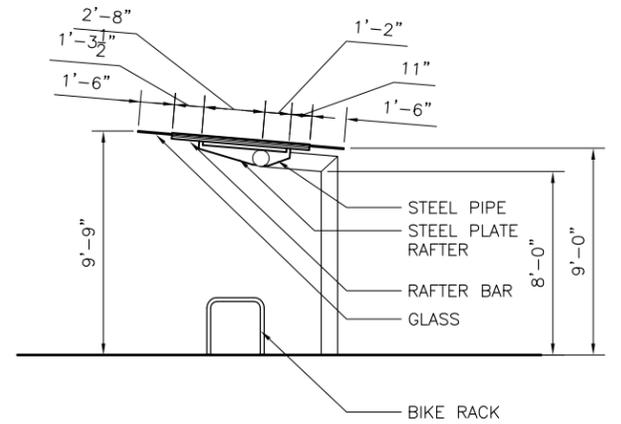
SCALE: VARIES DRAWING NO.: A15E-572 CONTRACT NO.: RH100544JB SHEET NO.:



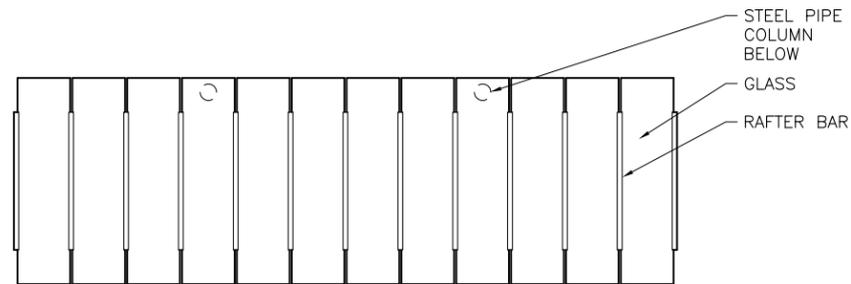
BIKE SHELTER PLAN 1
1/4" = 1'-0" A15E-740



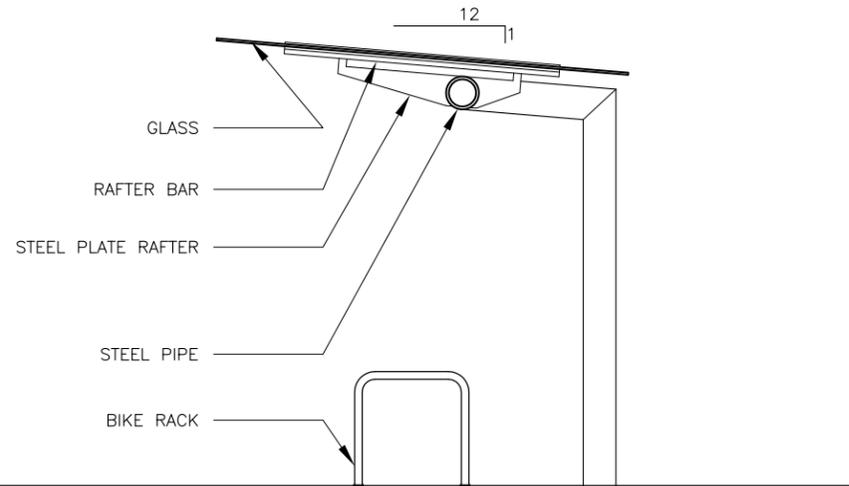
BIKE SHELTER FRONT ELEVATION 4
1/4" = 1'-0" A15E-740



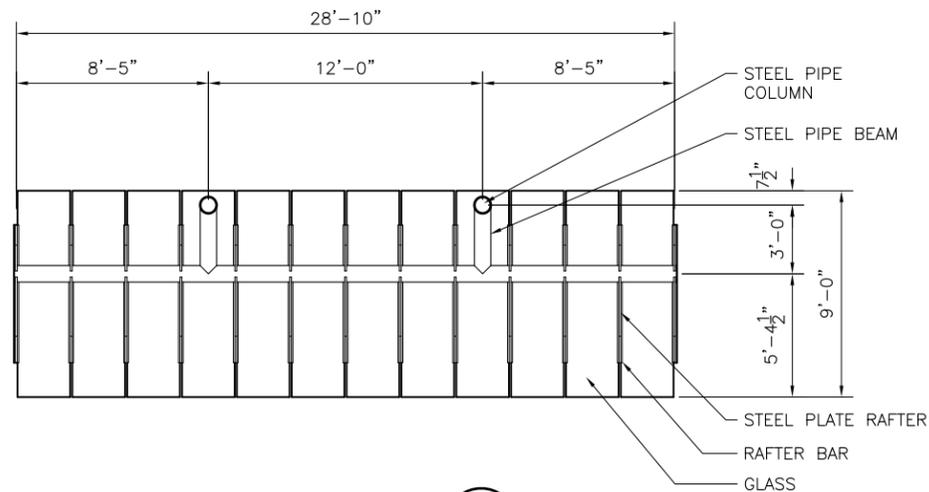
BIKE SHELTER SIDE ELEVATION 6
1/4" = 1'-0" A15E-740



BIKE SHELTER ROOF PLAN 2
1/4" = 1'-0" A15E-740



BIKE SHELTER SECTION 5
1/2" = 1'-0" A15E-740



BIKE SHELTER RCP 3
1/4" = 1'-0" A15E-740

P:\10_jobs\1030.01 Portland Milwaukie Light Rail\cod\Sheets\700_Auxiliary Buildings\A15E-740.dwg Mar. 20, 2012 - 9:28 AM meredith hendricks
Plot Date: 3/20/2012 2:50 PM_meredith hendricks

NO.	DATE	BY	APPD.	REVISIONS
	05-14-12			ISSUED FOR CONSTRUCTION

MM DESIGNED	05-09-11	DATE
MH DRAWN	05-09-11	DATE
WB CHECKED	11-07-11	DATE
APPROVED	05-14-12	DATE



TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

waterleaf architecture, interiors & planning

DAVID EVANS AND ASSOCIATES INC.

TRIOMET CAPITAL PROJECTS AND FACILITIES DIVISION
710 N.E. HOLLADAY STREET
PORTLAND, OREGON 97232

SUBMITTED: DATE: 05-14-12 APPROVED: DATE: 05-14-12

PORTLAND TO MILWAUKIE LRT EAST SEGMENT **Exhibit T 32**

ARCHITECTURAL BIKE SHELTER
PLAN, SECTION, ELEVATION AND DETAILS

SCALE: AS SHOWN DRAWING NO.: A15E-740 CONTRACT NO.: RH100544JB SHEET NO.:

LOCATION	PLATFORM SHELTER		SHELTER WINDSCREEN			TVM SHELTER		LIGHT POLE				CCTV POLE	BENCH		TRASH RECEPTACLE	EMERGENCY PHONE	BIKE RACK	ART ENCLOSURE	SIGN										
	TYPE 1A	TYPE 2A	TYPE 1A	TYPE 1B	TYPE 1C	TYPE 1	TYPE 2	TYPE 1	TYPE 2	TYPE 3	TYPE 4		TYPE 1	TYPE 2					TYPE A1	TYPE B1	TYPE B2	TYPE C1	TYPE D1	TYPE E1	TYPE F1	TYPE G1	TYPE H1		
LINCOLN ST/SW 3RD AVE	1			1		2		2	3				1	1	2	1			6	2		1	4				2		
SOUTH WATERFRONT/SW MOODY AVE (NB)	2		2			2		2		3				3	2	1		1	3	2		2	4			1	2		
SOUTH WATERFRONT/SW MOODY AVE (SB)	2		2			2		2		3				3	2	1		1	3	2		2	4			1	2		
OMSI/SE WATER AVE (NB)	2		2			2		3		3		1		3	2	1	3	1	4		2	2	4			1	2		
OMSI/SE WATER AVE (SB)	2		2			2		3		3		2		3	2	1	9	1	4		2	2	4			1	2		
CLINTON/SE 12TH AVE		1			1	2		6	3			2	1	1	2	1	26		6		2	1	4				2		
SE 17TH AVE & RHINE ST		1		1		2		3	3		1	1	1	1	2	1	4		6		2	1	4				2		
SE 17TH AVE & HOLGATE BLVD		1			1	2		2	3		2		1	1	2	1	8		6		2	1	4				2		
SE BYBEE BLVD	1				1			2	3				1	1	4	1	29		6		2	1	4		2		2		
SE TACOMA ST/JOHNSON CREEK		1			1	2		6	3		1		1	1	2	1	17		6		2	1	4	1			2		
MILWAUKIE/MAIN ST	1			1		2		5	3				1	1	2	1	12		6		2	1	4				2		
SE PARK AVE	1			1		2	2	6	6		2		1	3	2	1	6		6		4	1	8				2		
TOTALS	12	4	8	4	4	22	2	42	27	12	6	6	8	22	26	12	114	4	62	6	20	16	52	1	2	4	24		

AMENITIES MATRIX



R:\15-CD DUMP\15N - SIGNAGE\90% FINAL DESIGN\G15N-002.dwg, 1/30/2012 1:10:47 PM, lortsb

<p>90% FINAL DESIGN 2-2-12</p>					MDR DESIGNED 01-27-12 DATE EAC DRAWN 01-27-12 DATE KHF CHECKED 01-27-12 DATE APPROVED DATE	<p>TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON</p>			<p>Mayer/Reed</p>			<p>TRI MET CAPITAL PROJECTS DIVISION 710 NE HOLLADAY STREET PORTLAND, OREGON 97232</p>			<p>PORTLAND TO MILWAUKIE LRT AMENITIES Exhibit T 33 AMENITIES MATRIX</p>			
NO.	DATE	BY	APPD.	REVISIONS	SUBMITTED:	DATE:	APPROVED:	DATE:	SCALE:	DRAWING NO.:	CONTRACT NO.:	SHEET NO.:						
										G15N-002	RH100186JB							

STATION	REF. DWG.	PLATFORM SLOPE	PLATFORM SHELTER				WINDSCREEN
			TYPE	QTY.	COLOR	LEANING RAIL	TYPE
LINCOLN ST. / SW 3RD AVE.	A15W-226	3.50	1A	1	P4	2	1A
SOUTH WATERFRONT / SW MOODY AVE. (NB)	A15W-227	1.09	1A	2	P4	2	1A
SOUTH WATERFRONT / SW MOODY AVE. (SB)	A15W-228	1.09	1A	2	P4	2	1A
OMSI / SE WATER AVE. (NB)	A15E-400/A15E-401	1.09	1A	2	P4	2	1A
OMSI / SE WATER AVE. (NB)	A15E-400/A15E-401	1.09	1A	2	P4	2	1A
CLINTON / SE 12TH AVE.	A15E-410	0.52	2A	1	P4	1	1C
SE 17TH AVE. & RHINE ST.	A15E-420	0.47	2A	1	P4	1	1B
SE 17TH AVE. & HOLGATE BLVD.	A15E-430	0.12	2A	1	P4	1	1C
SE BYBEE BLVD.	A15E-440	0	1A	1	P4	1	1C
SE TACOMA ST. / JOHNSON CREEK	A15E-450	0.76	2A	1	P4	1	1C
MILWAUKIE / MAIN ST.	A15E-460	1.32	1A	1	P1	1	1B
SE PARK AVE.	A15E-470	3.00	1A	1	P4	1	1B

- NOTES:
1. PLATFORM SLOPE VARIES. SEE PMLR EAST & WEST CIVIL PLANS AND FIELD VERIFY.
 2. REF. A15S-001 FOR PLATFORM SHELTER, WINDSCREEN & TVM SHELTER TYPES.
 3. REF. A15S-021 FOR LEANING RAIL TYPES.

PLATFORM SHELTER & WINDSCREEN SCHEDULE



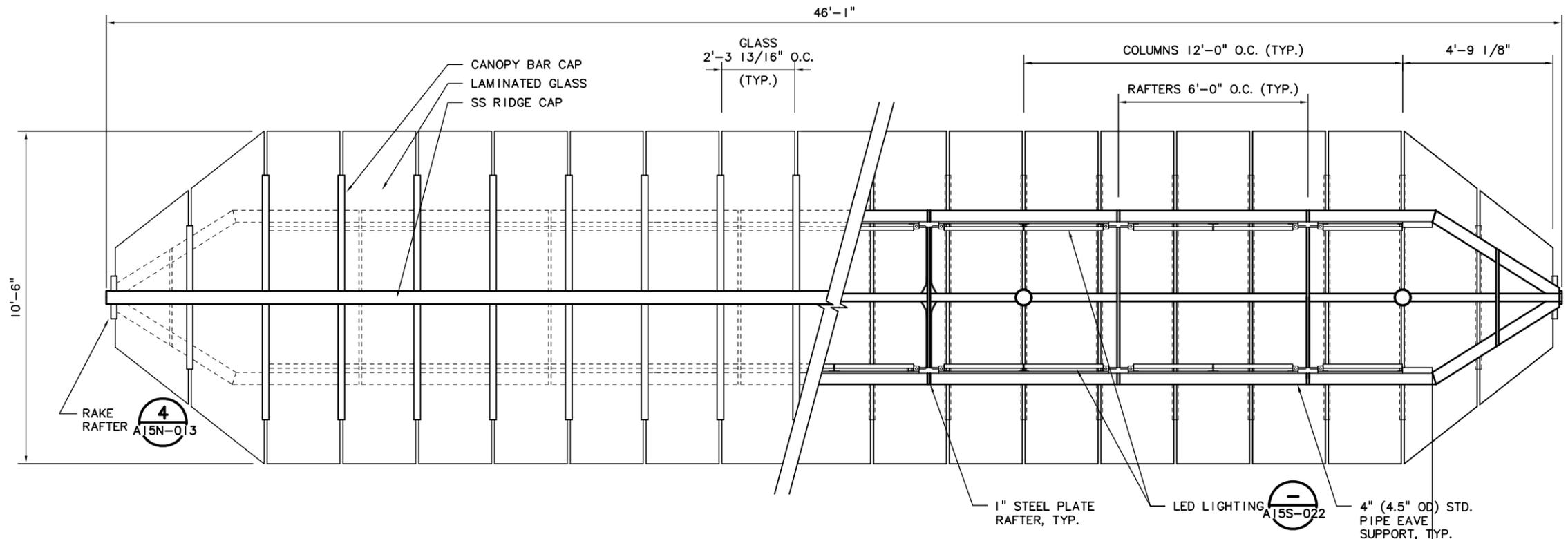
STATION	REF. DWG.	QTY.	TYPE	MIRROR LAYOUT	COLOR
LINCOLN ST. / SW 3RD AVE.	A15W-220	2	3		P4
SOUTH WATERFRONT / SW MOODY AVE. (NB)	A15W-222	2	1	1	P4
SOUTH WATERFRONT / SW MOODY AVE. (SB)	A15W-224	2	1	1	P4
OMSI / SE WATER AVE. (NB)	A15E-402	2	1	1	P4
OMSI / SE WATER AVE. (NB)	A15E-402	2	1		P4
CLINTON / SE 12TH AVE.	A15E-411	2	1		P4
SE 17TH AVE. & RHINE ST.	A15E-421	2	1		P4
SE 17TH AVE. & HOLGATE BLVD.	A15E-431	2	1		P4
SE TACOMA ST. / JOHNSON CREEK	A15E-451/A153-452	2	1		P4
MILWAUKIE / MAIN ST.	A15E-461/A15E-462	2	1		P1
SE PARK AVE.	A15E-471/A15E-472	4	1		P4

TVM SCHEDULE



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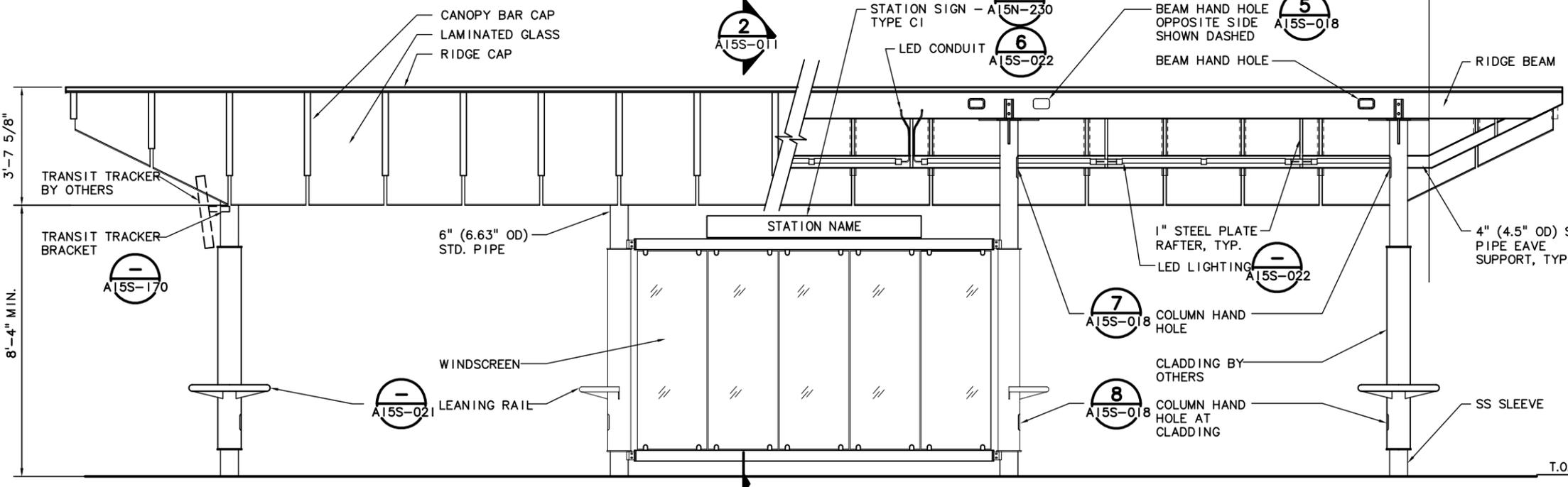
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NO.	DATE	BY	APPD.	REVISIONS																																																		
MDR DESIGNED	01-27-12 DATE																																																					
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											AS NOTED	A15S-002	RH100186JB																																									



TYPE IA - GLASS ROOF PLAN
SCALE: 1/2" = 1'-0"

TYPE IA - GLASS ROOF REFLECTED CEILING PLAN
SCALE: 1/2" = 1'-0"

- NOTES:
1. PLATFORM SLOPE VARIES. SEE PMLR EAST & WEST CIVIL PLANS AND FIELD VERIFY.
 2. COLUMNS SHALL BE PLUMB WITH ROOF AND WINDSCREEN STRUCTURE LEVEL REGARDLESS OF PLATFORM SLOPE.
 3. 2 HAND HOLES PER SHELTER COLUMN.
 4. SEE A15S-002 SHELTER SCHEDULE FOR WINDSCREEN TYPE, LEANING RAIL TYPE AND PAINT COLOR.
 5. SEE PMLR EAST & WEST ARCHITECTURAL PLANS FOR TRANSIT TRACKER LOCATION AND WINDSCREEN CONFIGURATION.
 6. ALL MILD STEEL COMPONENTS PAINTED, EXCEPT AS NOTED.
 7. ELECTRICAL TO LIGHT FIXTURES BY OTHERS. REF. PMLR EAST & WEST SEGMENT ELECTRICAL DRAWINGS.



TYPE IA - SIDE ELEVATION
SCALE: 1/2" = 1'-0"

TYPE IA - LONGITUDINAL SECTION
SCALE: 1/2" = 1'-0"

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NO.	DATE	BY	APPD.	REVISIONS

MDR DESIGNED	01-27-12 DATE
JFC DRAWN	01-27-12 DATE
RAH CHECKED	03-19-12 DATE
KHF APPROVED	03-23-12 DATE

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

Mayer/Reed

TRI MET

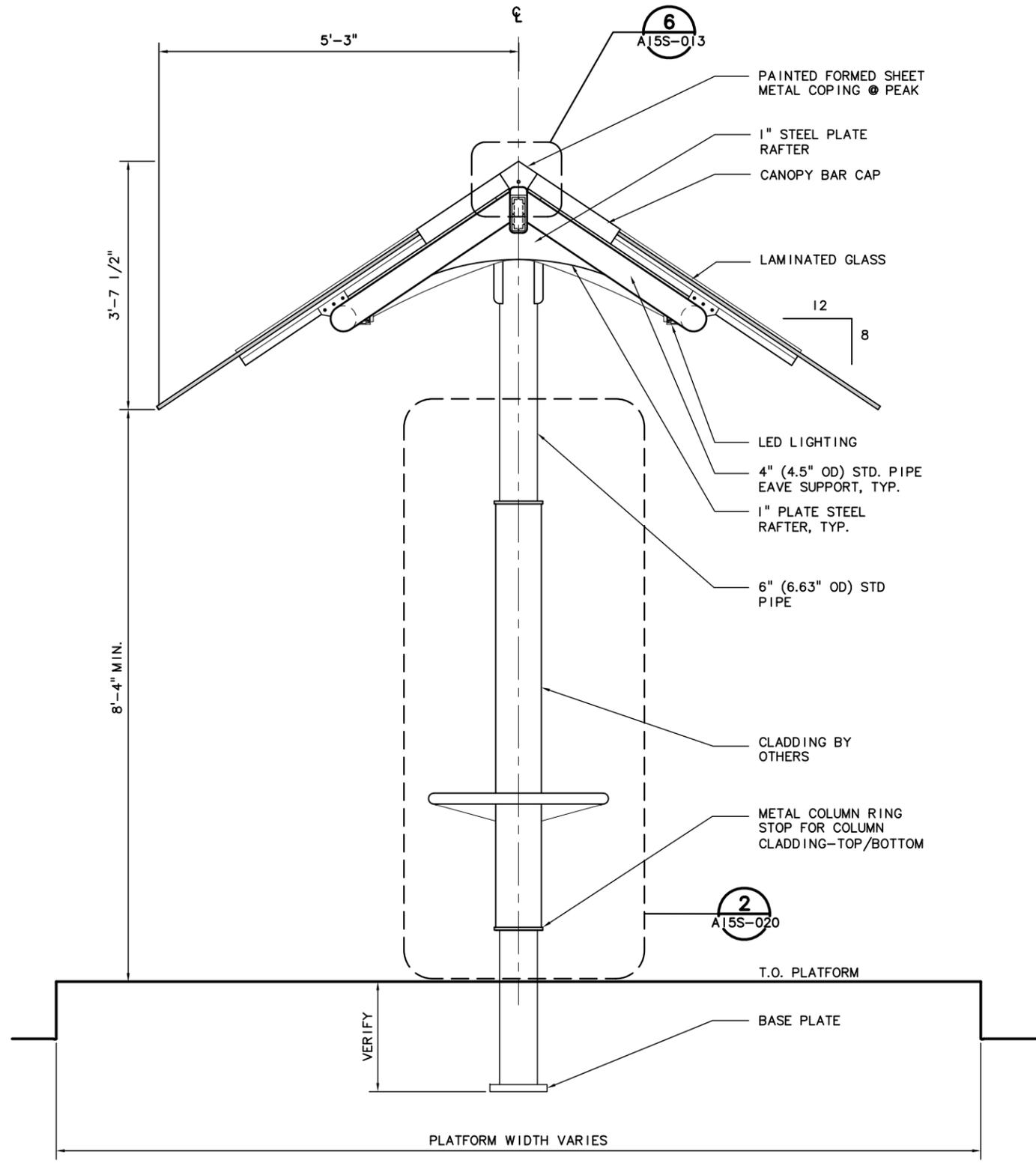
CAPITAL PROJECTS AND FACILITIES DIVISION
 710 N.E. HOLLADAY STREET
 PORTLAND, OREGON 97232

SUBMITTED:	DATE:	APPROVED:	DATE:
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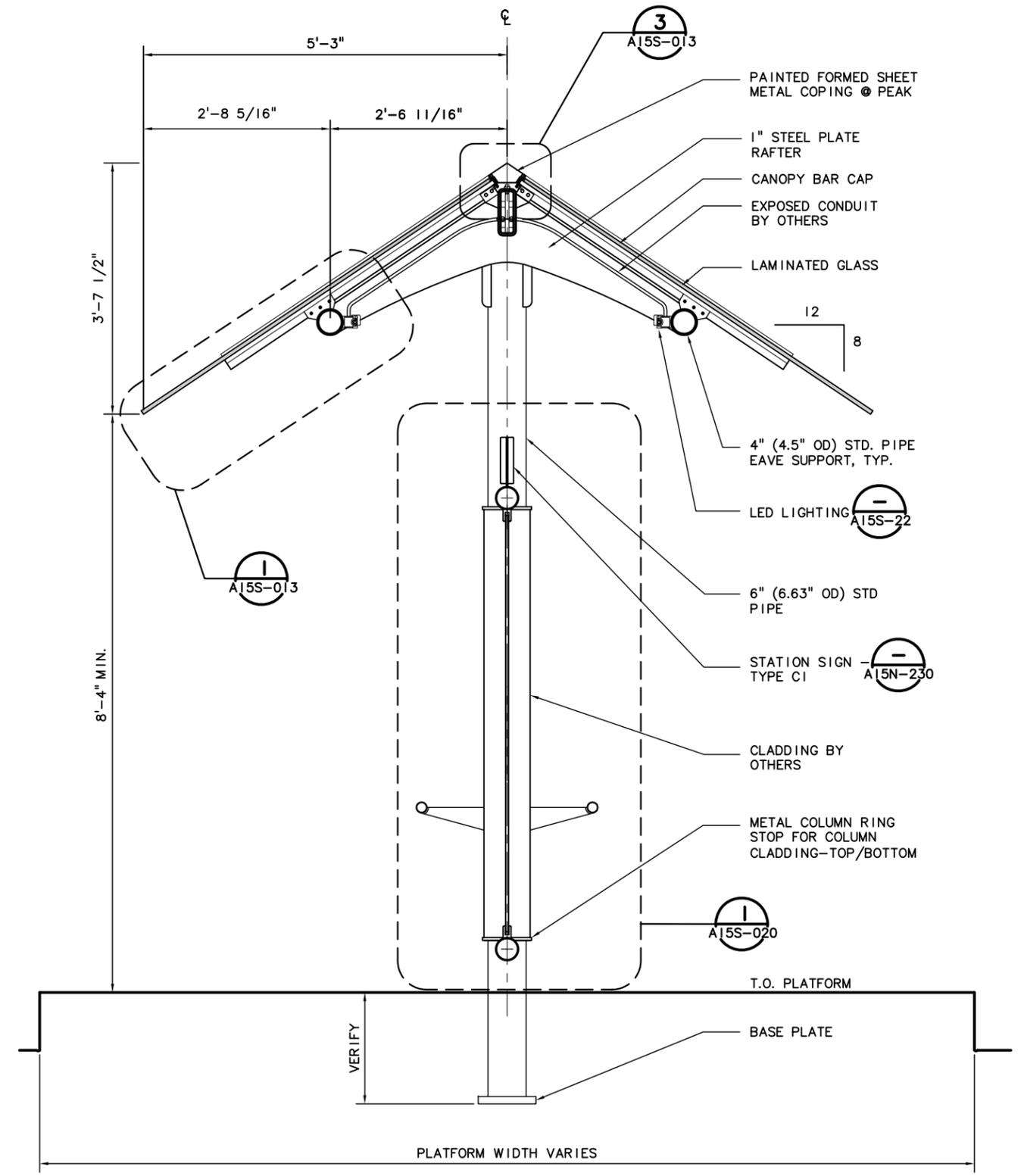
PORTLAND TO MILWAUKIE LRT
AMENITIES Exhibit T 36
 PLATFORM SHELTER - TYPE IA
 PLAN & ELEVATION

SCALE:	AS NOTED	DRAWING NO.:	A15S-010	CONTRACT NO.:	RH100186JB	SHEET NO.:	
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TYPE AI - ELEVATION END VIEW
 SCALE: 1" = 1'-0"



TYPE AI - SECTION
 SCALE: 1" = 1'-0"

NO.	DATE	BY	APPD.	REVISIONS

MDR DESIGNED	01-27-12 DATE
JFC DRAWN	01-27-12 DATE
RAH CHECKED	03-19-12 DATE
KHF APPROVED	03-23-12 DATE

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

Mayer/Reed

TRI MET

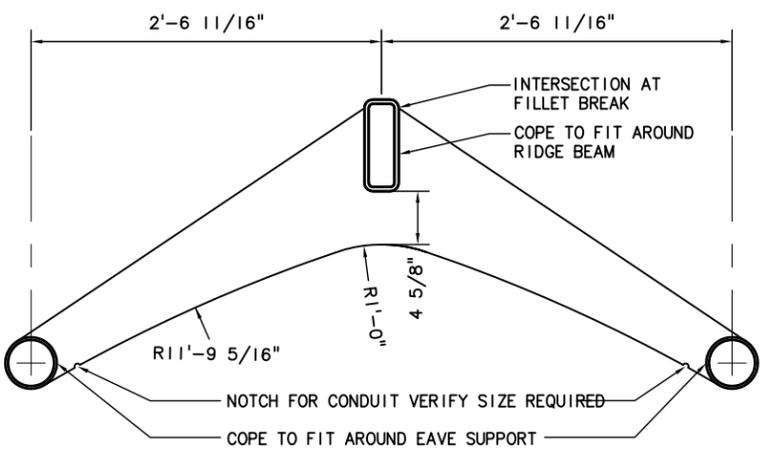
CAPITAL PROJECTS AND FACILITIES DIVISION
 710 N.E. HOLLADAY STREET
 PORTLAND, OREGON 97232

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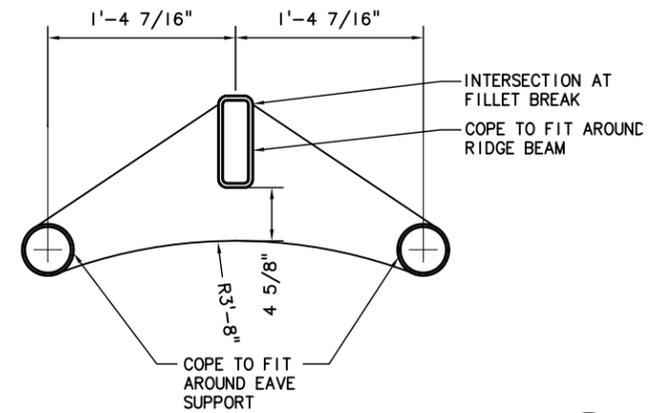
PORTLAND TO MILWAUKIE LRT
AMENITIES Exhibit T 37
 PLATFORM SHELTER - TYPE IA
 ELEVATION & SECTION

SCALE: AS NOTED	DRAWING NO.: A15S-011	CONTRACT NO.: RH100186JB	SHEET NO.:
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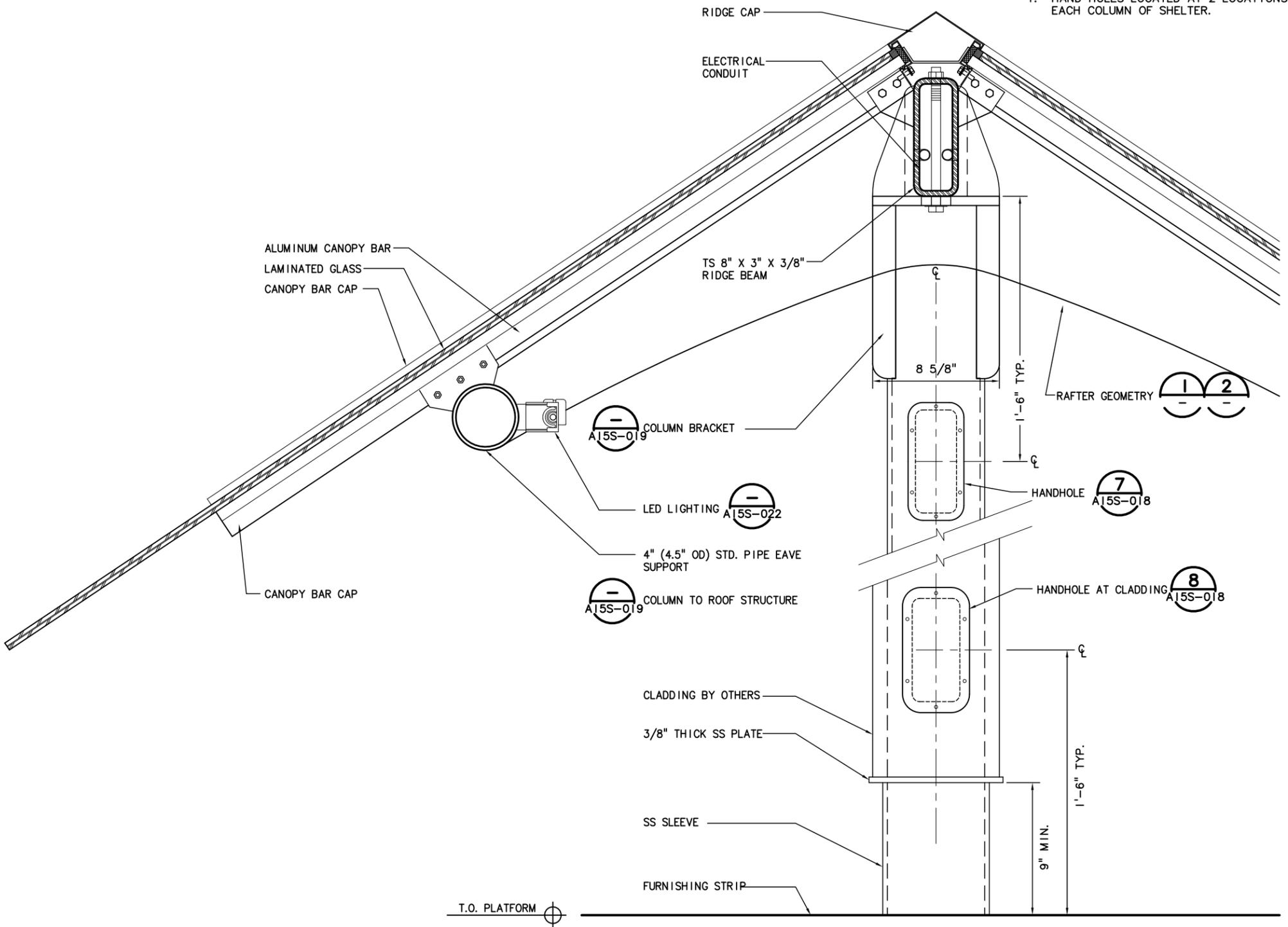
NOTES:
1. HAND HOLES LOCATED AT 2 LOCATIONS, EACH COLUMN OF SHELTER.



TYPE IA - COPING AT TYPICAL RAFTER
SCALE: 1 1/2" = 1'-0"



TYPE IA - COPING AT END RAFTER END
SCALE: 1 1/2" = 1'-0"



TYPE IA - SHELTER DETAIL
SCALE: 3" = 1'-0"

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NO.	DATE	BY	APPD.	REVISIONS

MDR DESIGNED	01-27-12 DATE
JFC DRAWN	01-27-12 DATE
RAH CHECKED	03-19-12 DATE
KHF APPROVED	03-23-12 DATE

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

Mayer/Reed

TRI MET

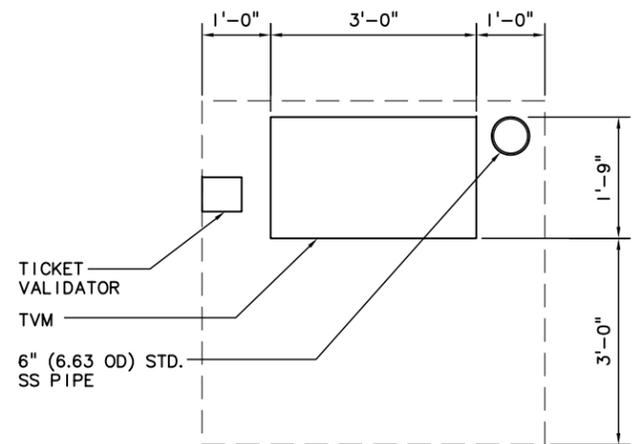
CAPITAL PROJECTS AND FACILITIES DIVISION
710 N.E. HOLLADAY STREET
PORTLAND, OREGON 97232

SUBMITTED: DATE: APPROVED: DATE:

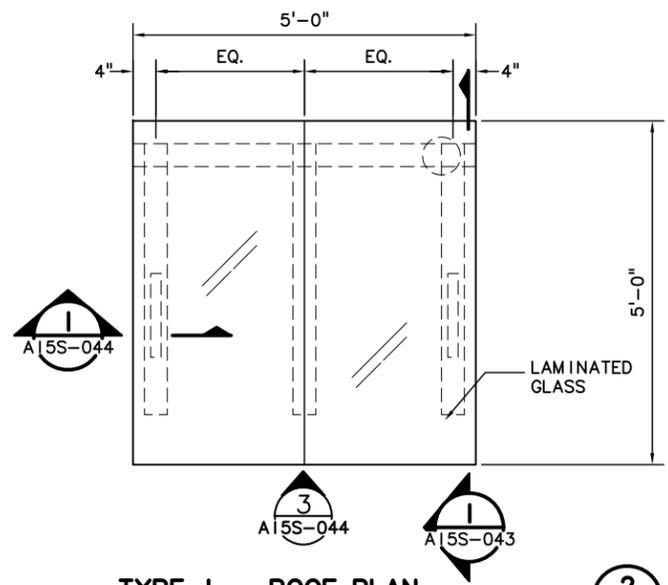
PORTLAND TO MILWAUKIE LRT
AMENITIES Exhibit T 38
PLATFORM SHELTER - TYPE IA
DETAILS

SCALE: AS NOTED
DRAWING NO.: A15S-012
CONTRACT NO.: RH100186JB
SHEET NO.:

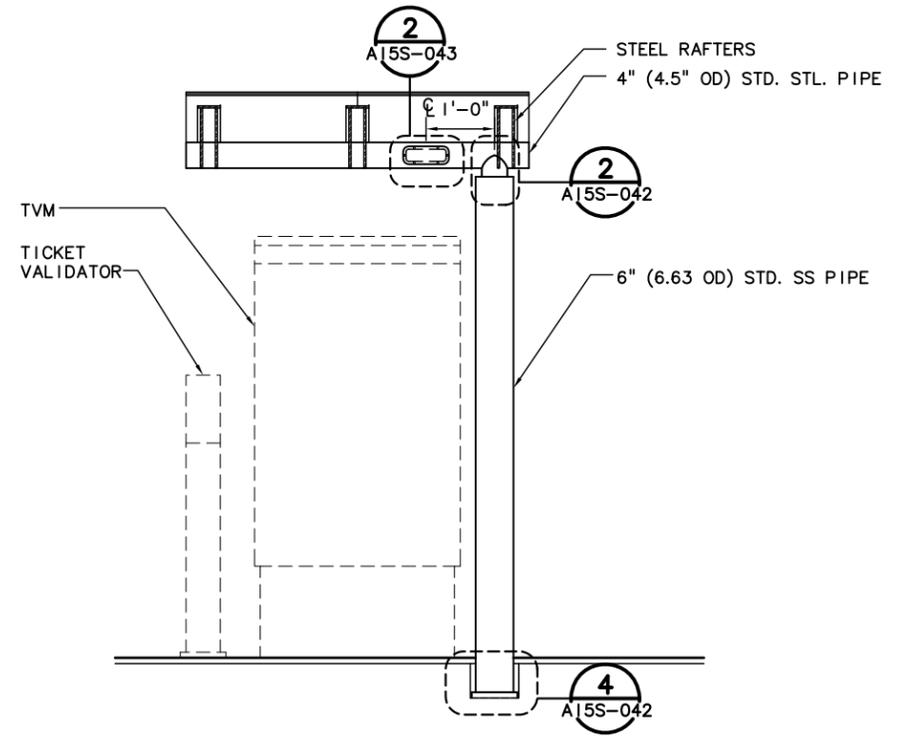
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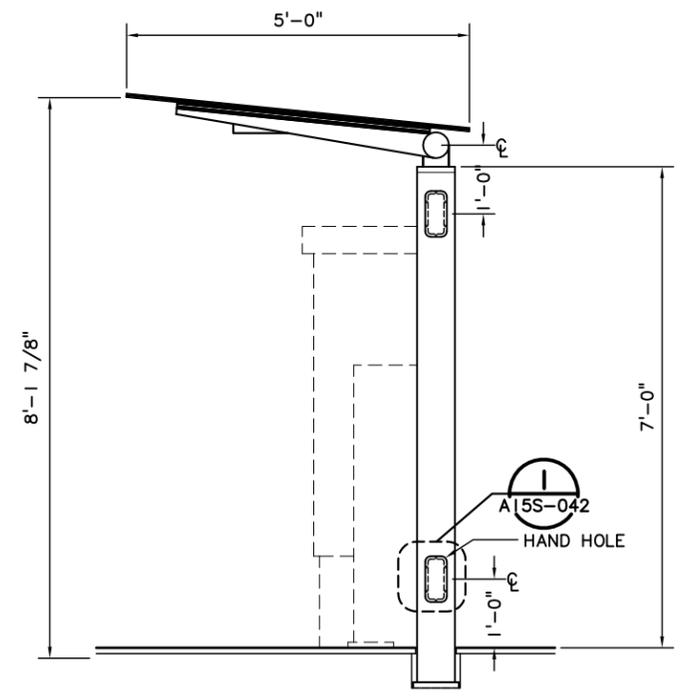
TYPE 1 - EQUIPMENT PLAN
SCALE: 3/4" = 1'-0"



TYPE 1 - ROOF PLAN
SCALE: 3/4" = 1'-0"



TYPE 1 - FRONT ELEVATION
SCALE: 3/4" = 1'-0"



TYPE 1 - SIDE ELEVATION
SCALE: 3/4" = 1'-0"

- NOTES:
1. ROOF DIMENSIONS INDICATE MINIMUM ROOF OVERHANG CLEARANCE AT TVM.
 2. MIRROR LAYOUT WITH SUPPORT COLUMN ON LEFT WHERE INDICATED ON SHELTER SCHEDULE. REF. A15S-002
 3. TVM AND TICKET VALIDATOR OWNER FURNISHED.
 4. FOUNDATION & ANCHOR BOLTS BY OTHERS. REF. PMLR EAST AND WEST SEGMENT DRAWINGS.
 5. ELECTRICAL & LIGHT FIXTURES BY OTHERS. REF. PMLR EAST & WEST SEGMENT DRAWINGS.

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NO.	DATE	BY	APPD.	REVISIONS

MDR	01-27-12
DESIGNED	DATE
EAC	01-27-12
DRAWN	DATE
RAH	03-19-12
CHECKED	DATE
KHF	03-23-12
APPROVED	DATE

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

Mayer/Reed

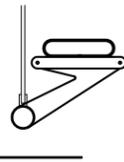
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CAPITAL PROJECTS AND FACILITIES DIVISION
 710 N.E. HOLLADAY STREET
 PORTLAND, OREGON 97232

PORTLAND TO MILWAUKIE LRT
AMENITIES Exhibit T 39
 TVM SHELTER - TYPE 1
 PLAN & ELEVATION

SCALE: AS NOTED	DRAWING NO.: A15S-040	CONTRACT NO.: RH100186JB	SHEET NO.:
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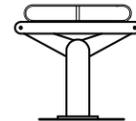
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BENCH - TYPE 1
WINDSCREEN MOUNTED
REF. A15S-110



BENCH - TYPE 2
FREESTANDING, 3 SEAT
REF. A15S-111

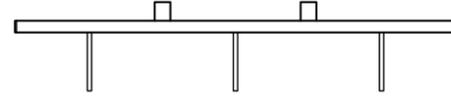


BENCH - TYPE 3
FREESTANDING, 2 SEAT
REF. A15S-112

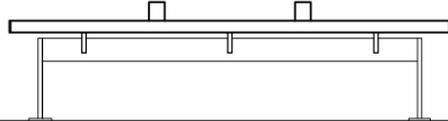


BENCH - TYPE 4
FREESTANDING, 3 SEAT W/ BACK
REF. A15S-114

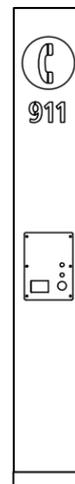
NOTES:
1. REF. PMLR EAST & WEST
SEGMENT DRAWINGS FOR
QUANTITIES, A15E-006,
A15W-003.



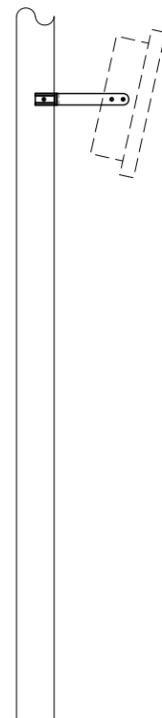
BIKE RACK
REF. A15S-134



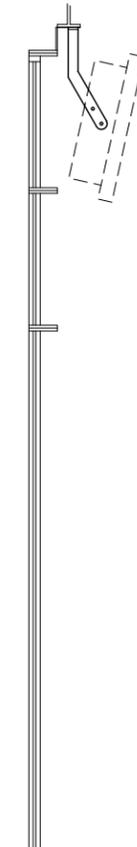
TRASH RECEPTACLE
REF. A15S-120



EMERGENCY PHONE
REF. A15S-130



TRANSIT TRACKER TYPE 1
REF. A15S-170



TRANSIT TRACKER TYPE 2
REF. A15S-171

FURNISHINGS FAMILY



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bmarth

NO.	DATE	BY	APPD.	REVISIONS

MDR DESIGNED	01-27-12 DATE
JFC DRAWN	01-27-12 DATE
RAH CHECKED	03-19-12 DATE
KHF APPROVED	03-23-12 DATE

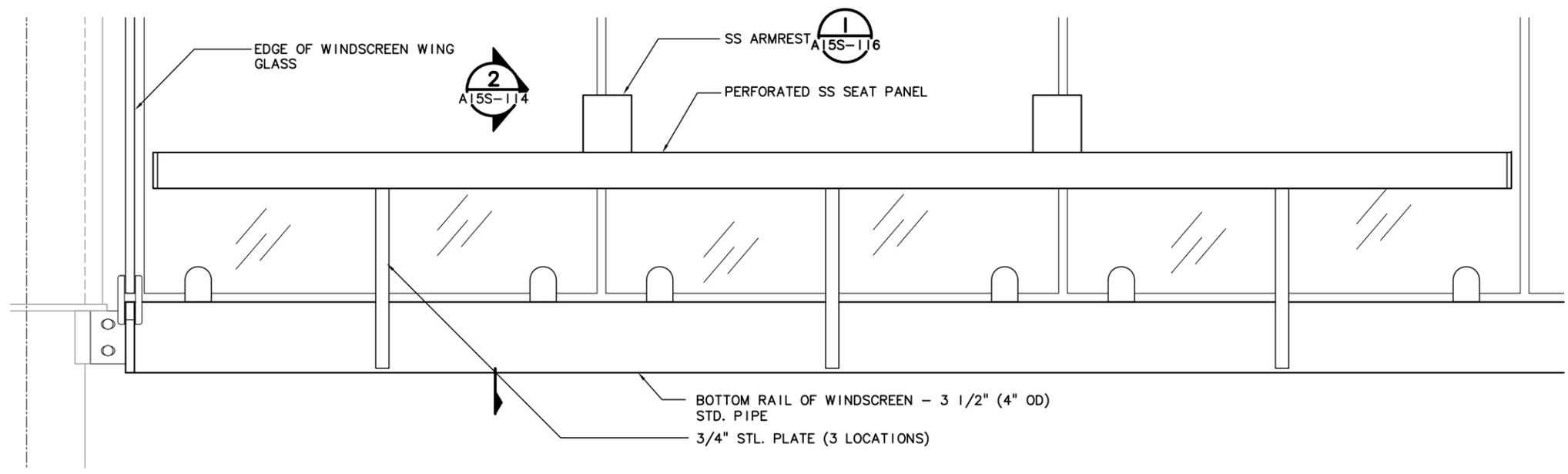
TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON	
CAPITAL PROJECTS AND FACILITIES DIVISION 710 N.E. HOLLADAY STREET PORTLAND, OREGON 97232	
SUBMITTED:	DATE:
APPROVED:	DATE:

PORTLAND TO MILWAUKIE LRT AMENITIES Exhibit T 40 FURNISHINGS FAMILY			
SCALE:	DRAWING NO.:	CONTRACT NO.:	SHEET NO.:
AS NOTED	A15S-100	RH100186JB	

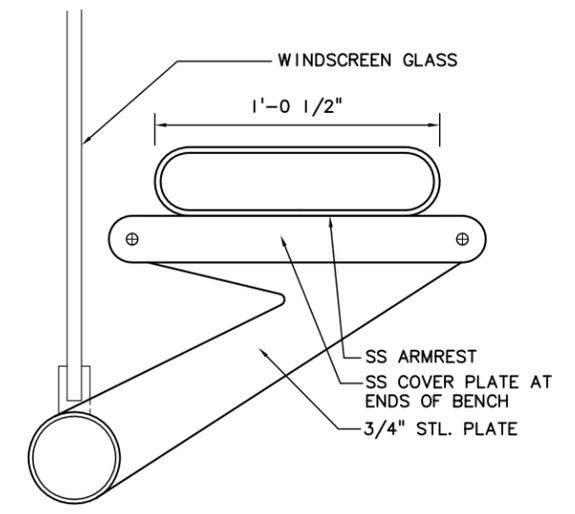
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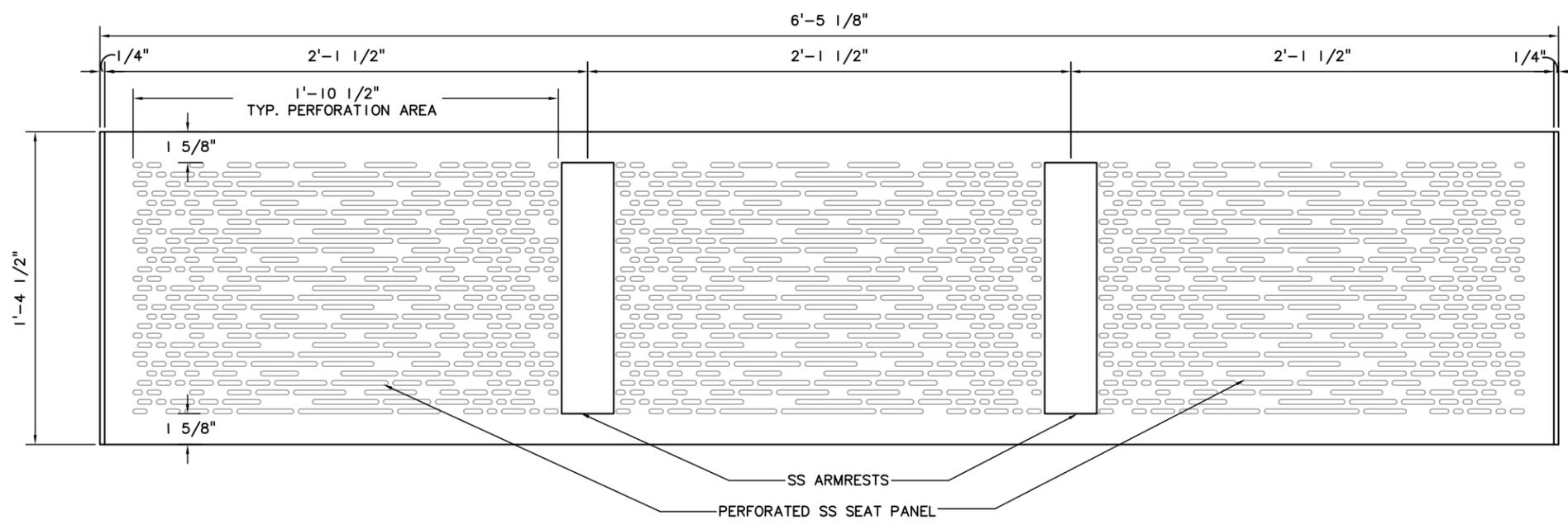
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BENCH TYPE I - ELEVATION AT WINDSCREEN
SCALE: 3" = 1'-0"



BENCH TYPE I - END ELEVATION
SCALE: 3" = 1'-0"



BENCH TYPE I - PLAN
SCALE: 3" = 1'-0"



- NOTES:
1. FINISH ALL STEEL BENCH COMPONENTS WITH ABRASION RESISTANT COATING EXCEPT AS NOTED. COLOR TO MATCH WINDSCREEN.
 2. STAINLESS STEEL FINISH AS SPECIFIED.
 3. PERFORATED PATTERN DIGITAL ARTWORK PROVIDED BY OWNER.

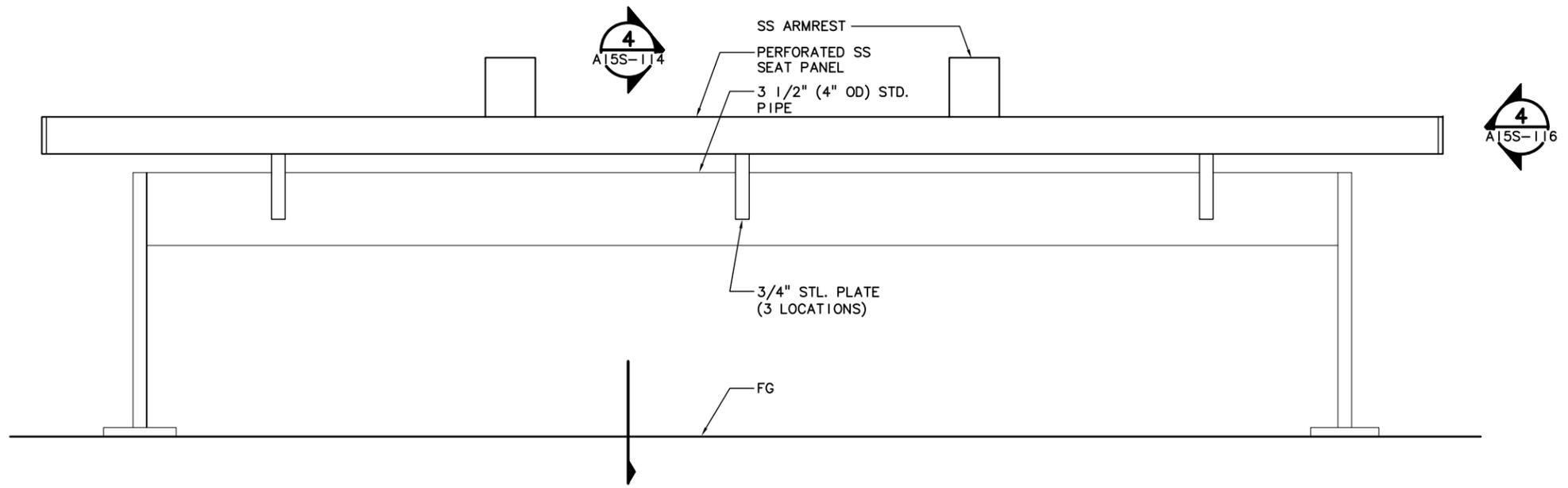
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EAC DRAWN	01-27-12 DATE
RAH CHECKED	03-19-12 DATE
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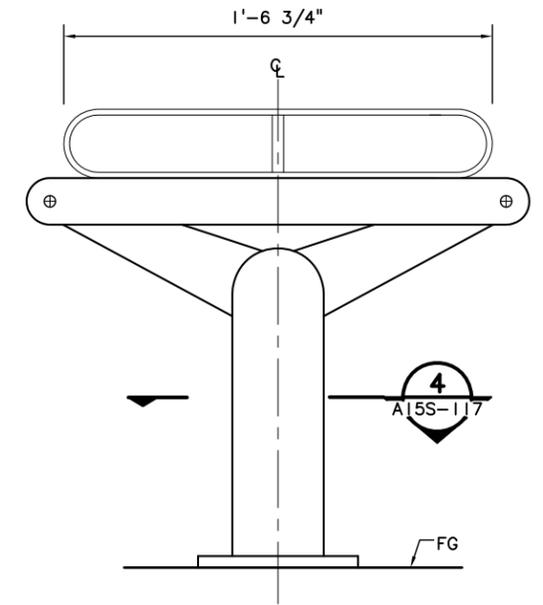
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CAPITAL PROJECTS AND FACILITIES DIVISION 710 N.E. HOLLADAY STREET PORTLAND, OREGON 97232	
SUBMITTED:	DATE:
APPROVED:	DATE:

PORTLAND TO MILWAUKIE LRT AMENITIES Exhibit T 41 BENCH - TYPE I PLAN & ELEVATION			
SCALE:	DRAWING NO.:	CONTRACT NO.:	SHEET NO.:
AS NOTED	A15S-110	RH100186JB	

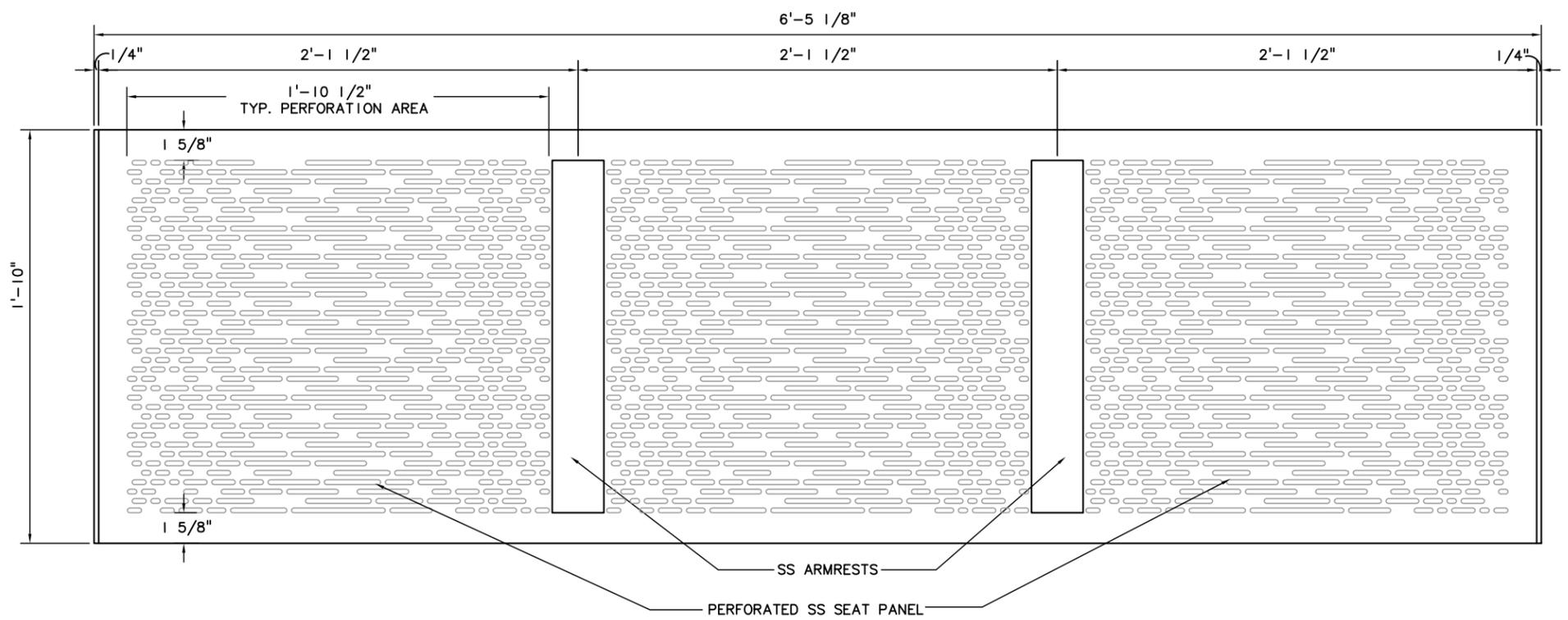
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BENCH TYPE 2 - ELEVATION
SCALE: 3" = 1'-0"



BENCH TYPE 2 - END ELEVATION
SCALE: 3" = 1'-0"



BENCH TYPE 2 - PLAN
SCALE: 3" = 1'-0"

- NOTES:
1. FINISH ALL STEEL BENCH COMPONENTS WITH ABRASION RESISTANT COATING EXCEPT AS NOTED. COLOR TO MATCH WINDSCREEN.
 2. STAINLESS STEEL FINISH AS SPECIFIED.
 3. PERFORATED PATTERN DIGITAL ARTWORK PROVIDED BY OWNER.

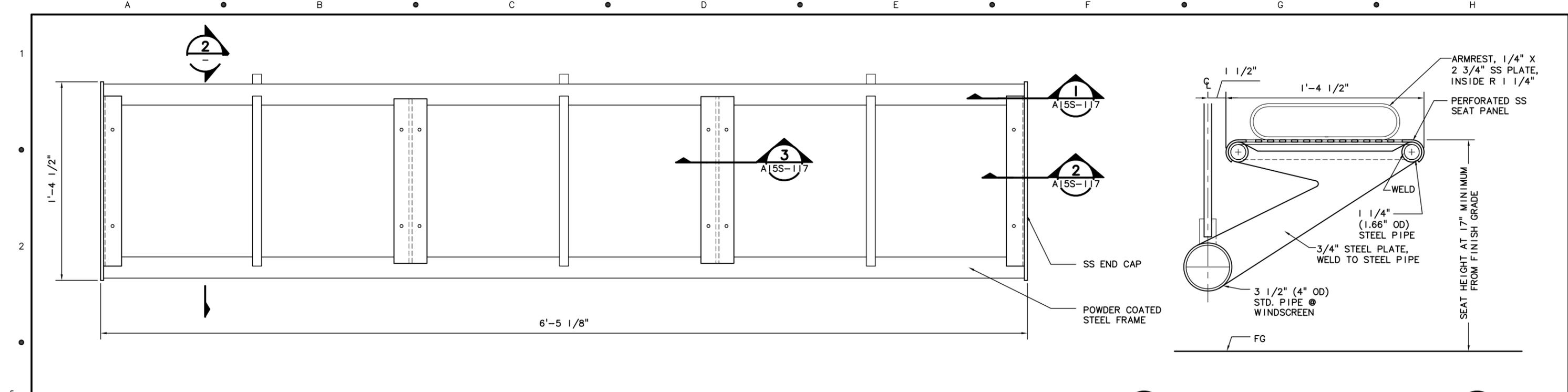
Mar 21, 2012 10:06pm
bmarthin
I:\2 VC PROJECTS\TMA\GUT\2012-03-23 100%DWGS\A15S-111.dwg

NO.	DATE	BY	APPD.	REVISIONS

MDR DESIGNED	01-27-12 DATE
EAC DRAWN	01-27-12 DATE
RAH CHECKED	03-19-12 DATE
KHF APPROVED	03-23-12 DATE

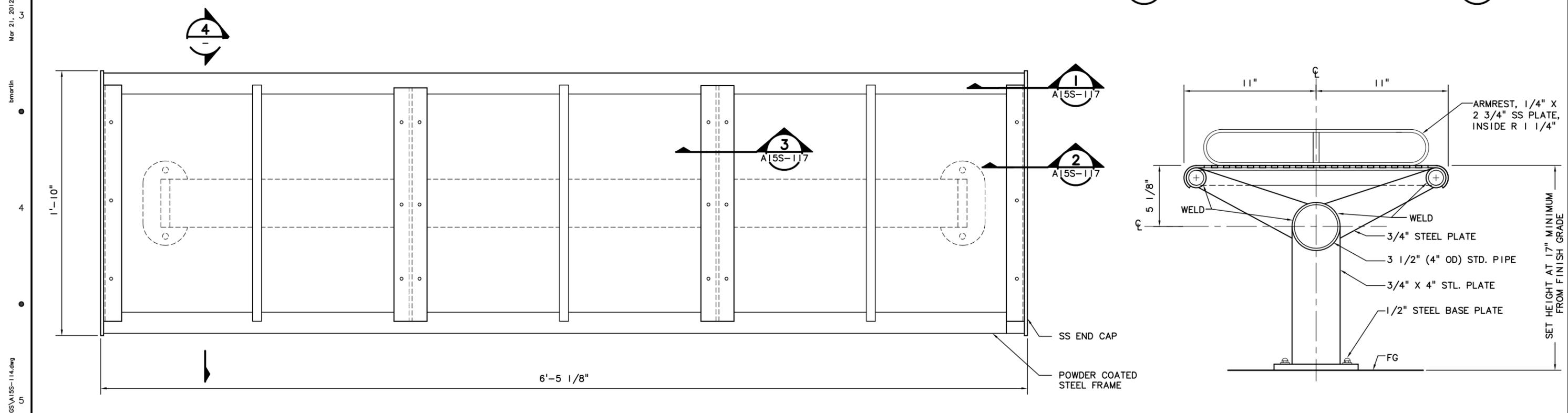
Mayer/Reed	
CAPITAL PROJECTS AND FACILITIES DIVISION 710 N.E. HOLLADAY STREET PORTLAND, OREGON 97232	
SUBMITTED:	DATE:
APPROVED:	DATE:

PORTLAND TO MILWAUKIE LRT AMENITIES Exhibit T 42 BENCH - TYPE 2 PLAN & ELEVATION			
SCALE:	DRAWING NO.:	CONTRACT NO.:	SHEET NO.:
AS NOTED	A15S-111	RH100186JB	



BENCH TYPE 1 - FRAME PLAN
SCALE: 3" = 1'-0"

BENCH TYPE 1 - SECTION
SCALE: 3" = 1'-0"



BENCH TYPE 2 - FRAME PLAN
SCALE: 3" = 1'-0"

BENCH TYPE 2 - SECTION
SCALE: 3" = 1'-0"

Mar 21, 2012 10:09pm
 bmarth
 100% DWGS A15S-114.dwg

NO.	DATE	BY	APPD.	REVISIONS

MDR DESIGNED	01-27-12 DATE
EAC DRAWN	01-27-12 DATE
RAH CHECKED	03-19-12 DATE
KHF APPROVED	03-23-12 DATE

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

Mayer/Reed

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

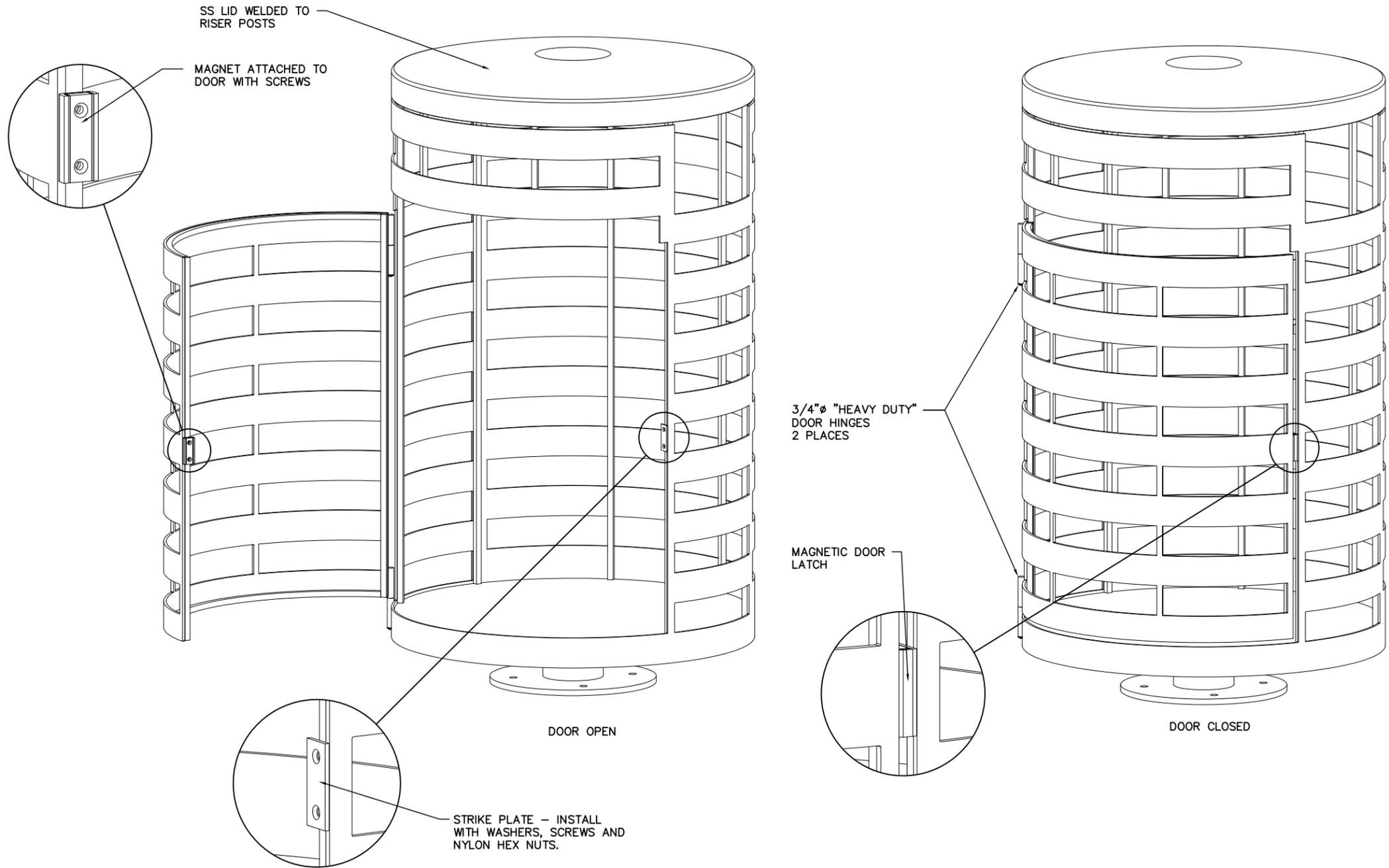
CAPITAL PROJECTS AND FACILITIES DIVISION
 710 N.E. HOLLADAY STREET
 PORTLAND, OREGON 97232

PORTLAND TO MILWAUKIE LRT
AMENITIES Exhibit T 43
 BENCH - TYPE 1 & 2
 FRAME PLAN & SECTION

SCALE: AS NOTED	DRAWING NO.: A15S-114	CONTRACT NO.: RH100186JB	SHEET NO.:
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1
2
3
4
5

- NOTES:
1. POWDERCOAT COLOR MATCH TO PLATFORM SHELTER COLOR. REF. A15S-002
 2. NON-CORROSIVE ANCHORING HARDWARE SUPPLIED BY OTHERS.
 3. PROVIDE (2) CLEAR 36 GALLON PLASTIC LINERS PER TRASH RECEPTACLE.



TRASH RECEPTACLE - PERSPECTIVE
SCALE: NTS

1
-

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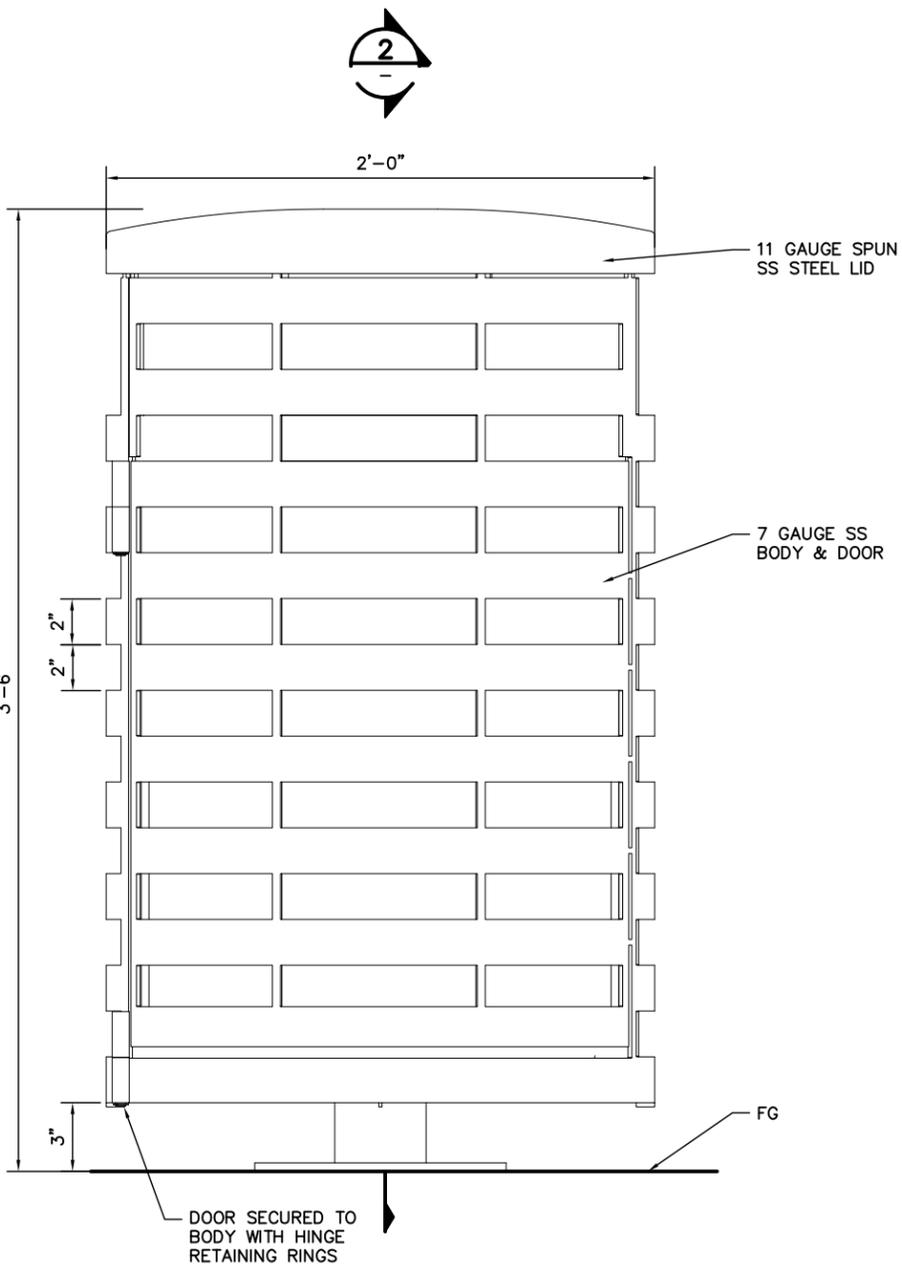
NO.	DATE	BY	APPD.	REVISIONS

MDR DESIGNED	01-27-12 DATE
EAC DRAWN	01-27-12 DATE
RAH CHECKED	03-19-12 DATE
KHF APPROVED	03-23-12 DATE

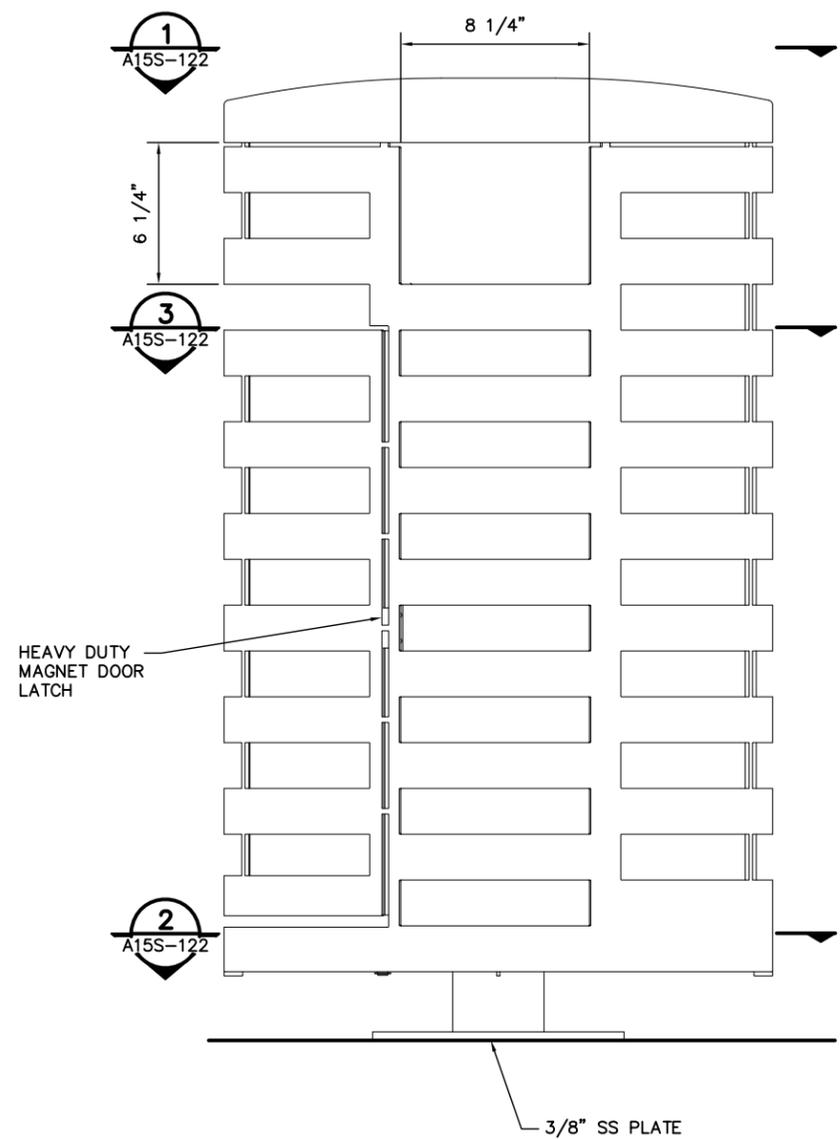
TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON	
CAPITAL PROJECTS AND FACILITIES DIVISION 710 N.E. HOLLADAY STREET PORTLAND, OREGON 97232	
SUBMITTED:	DATE:
APPROVED:	DATE:

PORTLAND TO MILWAUKIE LRT AMENITIES Exhibit T 44 TRASH RECEPTACLE - TYPE 1	
SCALE:	AS NOTED
DRAWING NO.:	A15S-120
CONTRACT NO.:	RH100186JB
SHEET NO.:	

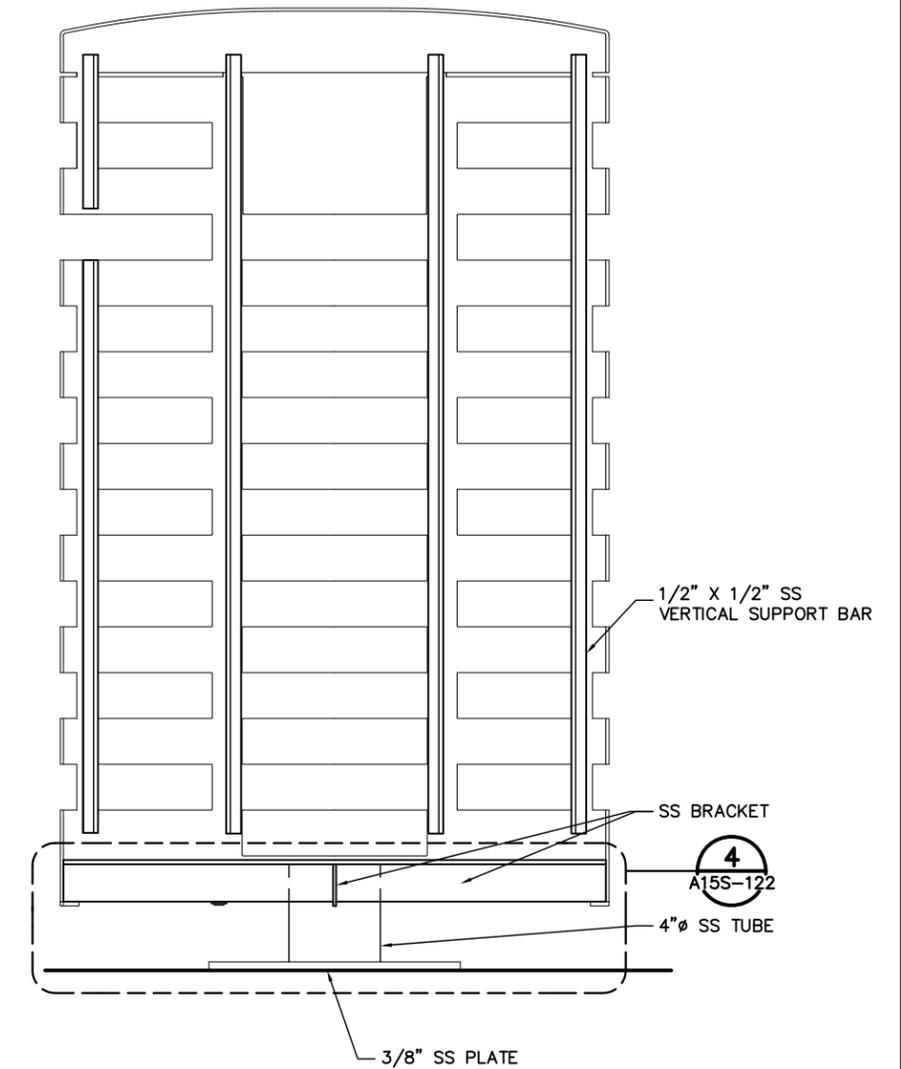
- NOTES:
1. POWDERCOAT COLOR MATCH TO PLATFORM SHELTER COLOR. REF. A15S-002
 2. NON-CORROSIVE ANCHORING HARDWARE SUPPLIED BY OTHERS.
 3. PROVIDE (2) CLEAR 36 GALLON PLASTIC LINERS PER TRASH RECEPTACLE.



TRASH RECEPTACLE - ELEVATION
SCALE: 3" = 1'-0"



TRASH RECEPTACLE - ELEVATION
SCALE: 3" = 1'-0"



TRASH RECEPTACLE - SECTION
SCALE: 3" = 1'-0"

Mar 22, 2012 1:28pm
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 5

NO.	DATE	BY	APPD.	REVISIONS

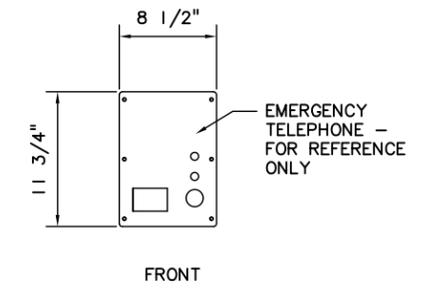
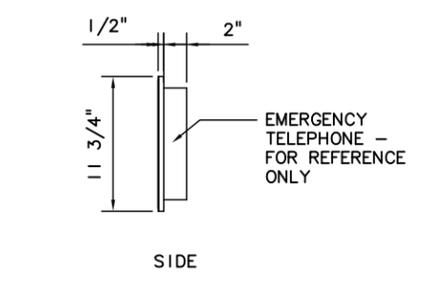
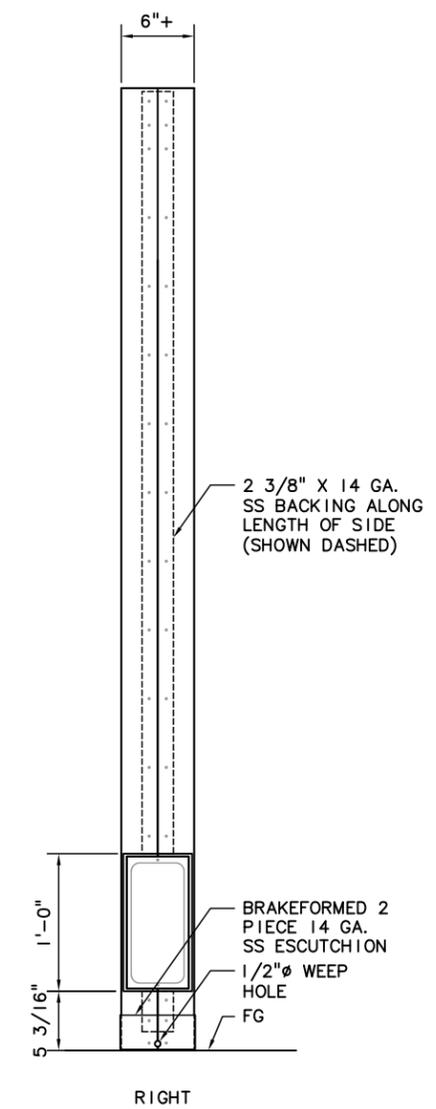
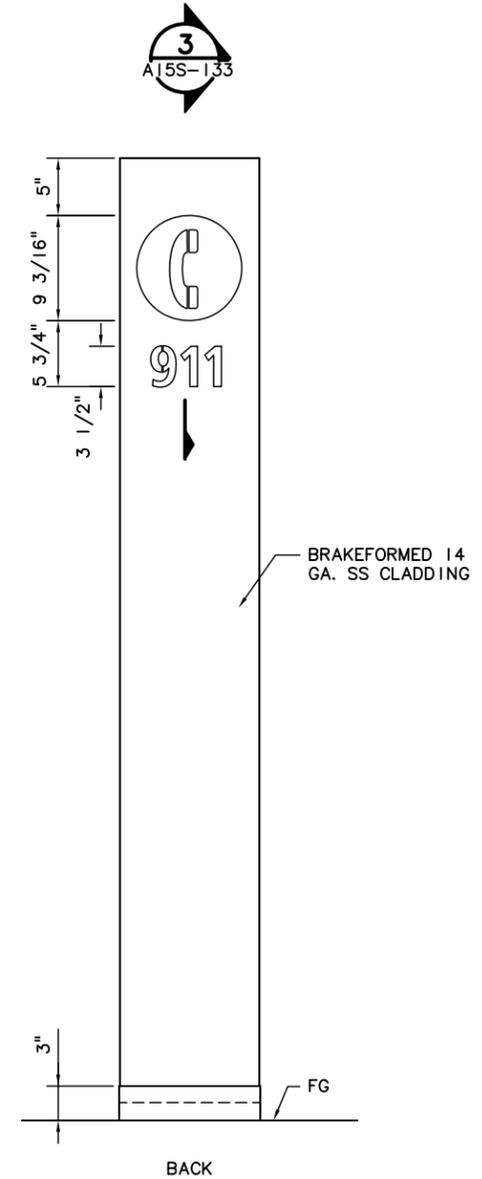
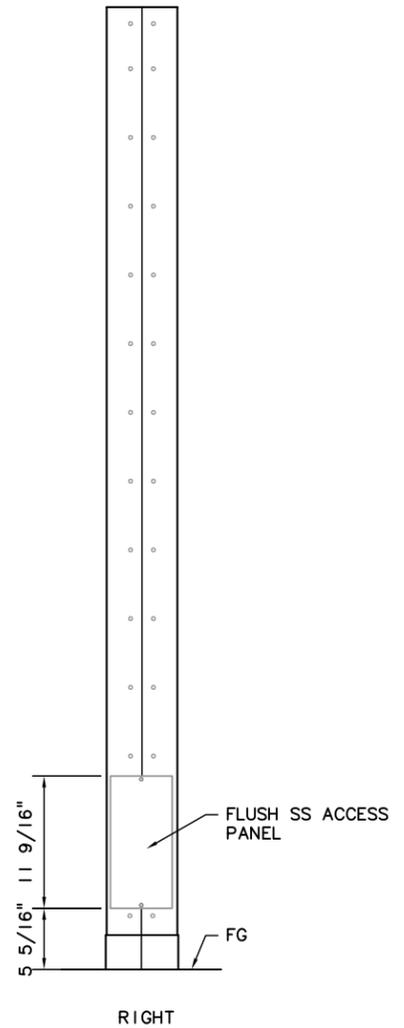
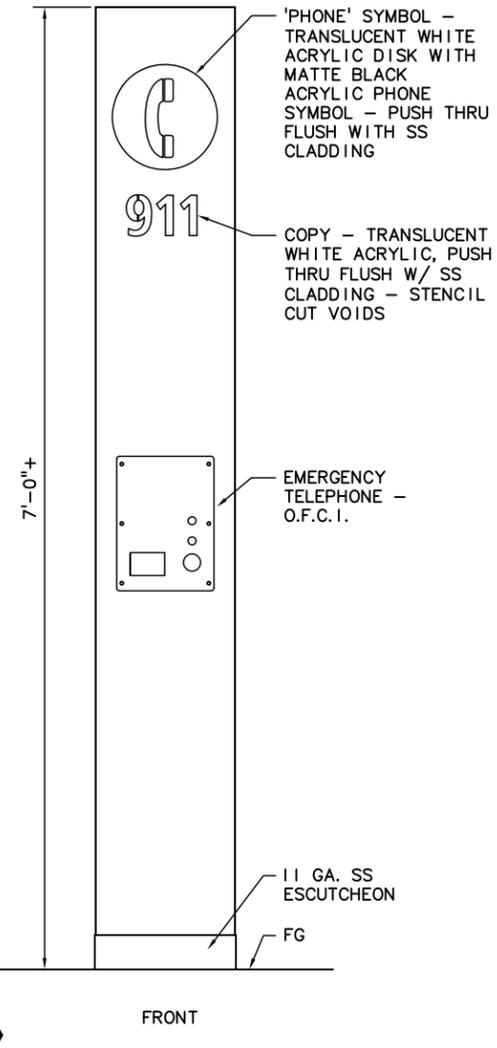
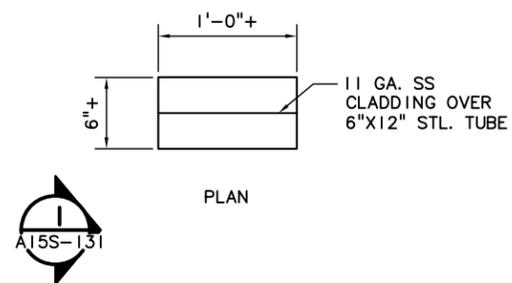
MDR 01-27-12
 DESIGNED DATE
 EAC 01-27-12
 DRAWN DATE
 RAH 03-19-12
 CHECKED DATE
 KHF 03-23-12
 APPROVED DATE

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON
Mayer/Reed
TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON
 CAPITAL PROJECTS AND FACILITIES DIVISION
 710 N.E. HOLLADAY STREET
 PORTLAND, OREGON 97232

PORTLAND TO MILWAUKIE LRT AMENITIES
Exhibit T 45
 TRASH RECEPTACLE - TYPE 1
 ELEVATION & SECTION

SUBMITTED:	DATE:	APPROVED:	DATE:	SCALE:	DRAWING NO.:	CONTRACT NO.:	SHEET NO.:
				AS NOTED	A15S-121	RH100186JB	

- NOTES:
1. STAINLESS STEEL FINISH: AS SPECIFIED.
 2. REF. PMLR EAST & WEST SEGMENT ARCHITECTURAL PLANS FOR LOCATIONS.
 3. PHONE TO BE LOCATED ON THE PEDESTAL SIDE CLOSEST TO THE CENTER OF PLATFORM.
 4. FOUNDATION & ANCHOR BOLTS BY OTHERS. REF. PMLR EAST & WEST DRAWINGS.
 5. DIGITAL ARTWORK FOR SIGN LAYOUT TO BE PROVIDED BY OWNER.
 6. TELEPHONE PROVIDED BY OWNER.



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

EMERGENCY PHONE PEDESTAL ELEVATION
SCALE: 1 1/2" = 1'-0"

Mar 21, 2012 10:14pm

bmartin

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NO.	DATE	BY	APPD.	REVISIONS

MDR DESIGNED	01-27-12 DATE
JFC DRAWN	01-27-12 DATE
RAH CHECKED	03-19-12 DATE
KHF APPROVED	03-23-12 DATE

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

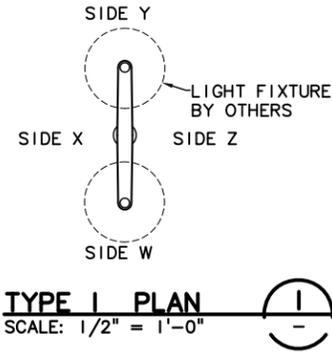
Mayer/Reed

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

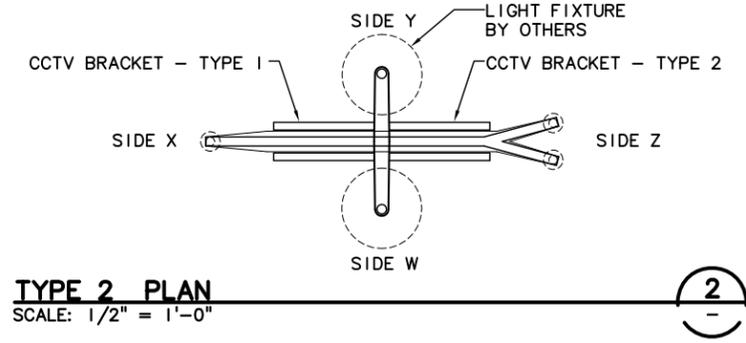
CAPITAL PROJECTS AND FACILITIES DIVISION
 710 N.E. HOLLADAY STREET
 PORTLAND, OREGON 97232

PORTLAND TO MILWAUKIE LRT
AMENITIES Exhibit T 46
 EMERGENCY PHONE PEDESTAL ELEVATION

SCALE: AS NOTED	DRAWING NO.: A15S-130	CONTRACT NO.: RH100544JB	SHEET NO.:
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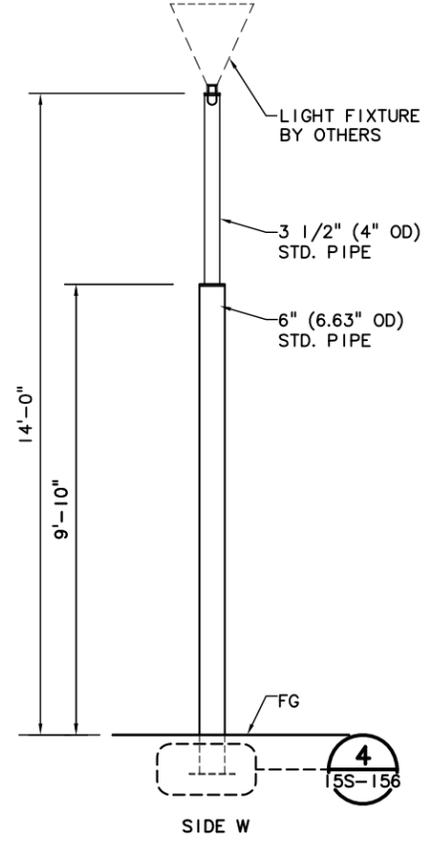


TYPE 1 PLAN
SCALE: 1/2" = 1'-0"

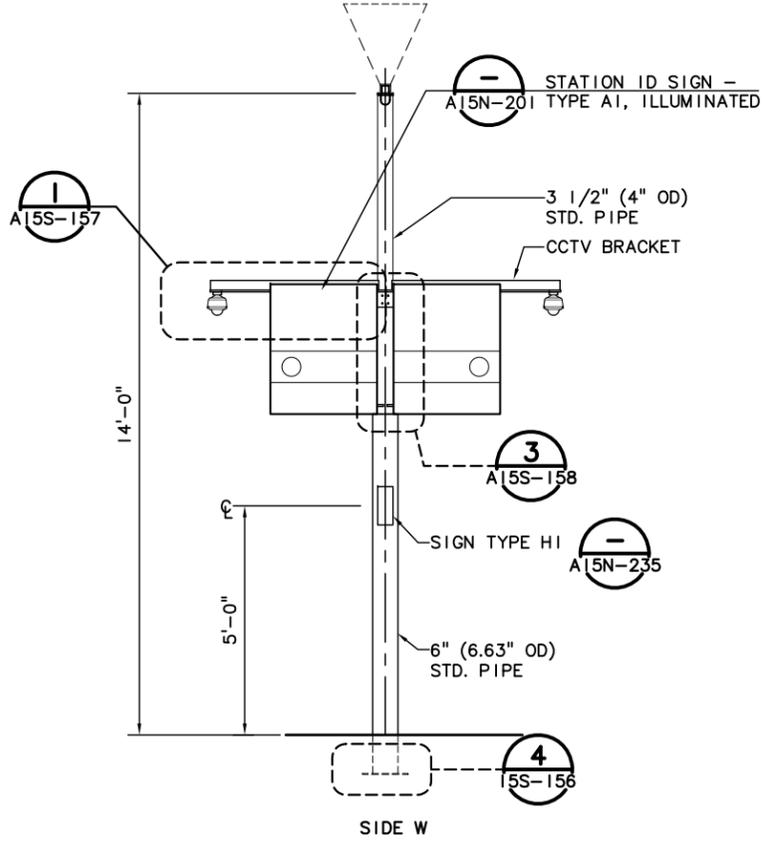
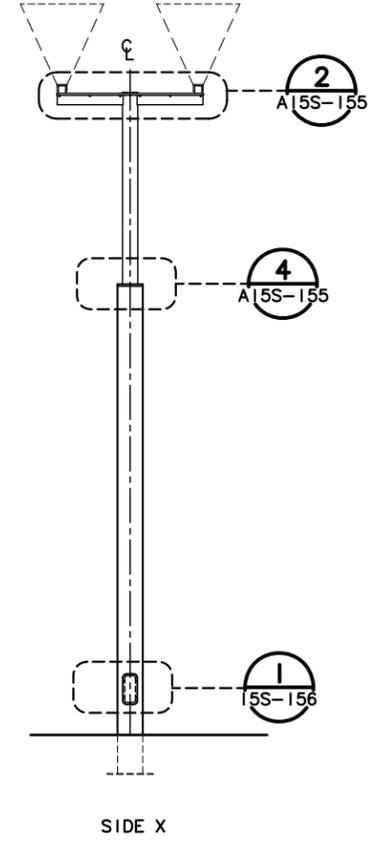


TYPE 2 PLAN
SCALE: 1/2" = 1'-0"

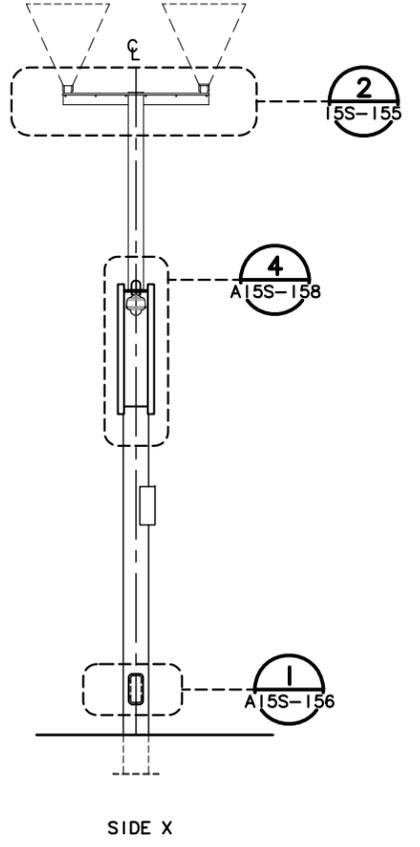
- NOTES:
- SIDE "W" TO BE ORIENTED TO SOUTHBOUND END OF PLATFORM.
 - CCTV BRACKET TYPE AND POSITION VARIES. REF. A15S-153, A15S-154 LIGHT AND CCTV POLE SCHEDULE.
 - REF. A15S-157 FOR CCTV BRACKET TYPE 1 & 2.
 - SIGHT TYPE HI NOT APPLIED TO ALL LIGHT POLES. REF. A15N-281 FOR LOCATIONS.
 - FOUNDATION & ANCHOR BOLTS BY OTHERS. REF. EAST & WEST SEGMENT DRAWING.
 - ELECTRICAL, LIGHT FIXTURE & CCTV CAMERAS BY OTHERS. REF. PMLR EAST & WEST SEGMENT DRAWINGS.



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



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



NO.	DATE	BY	APPD.	REVISIONS

MDR DESIGNED	01-27-12 DATE
EAC DRAWN	01-27-12 DATE
RAH CHECKED	03-19-12 DATE
KHF APPROVED	03-23-12 DATE

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

Mayer/Reed

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

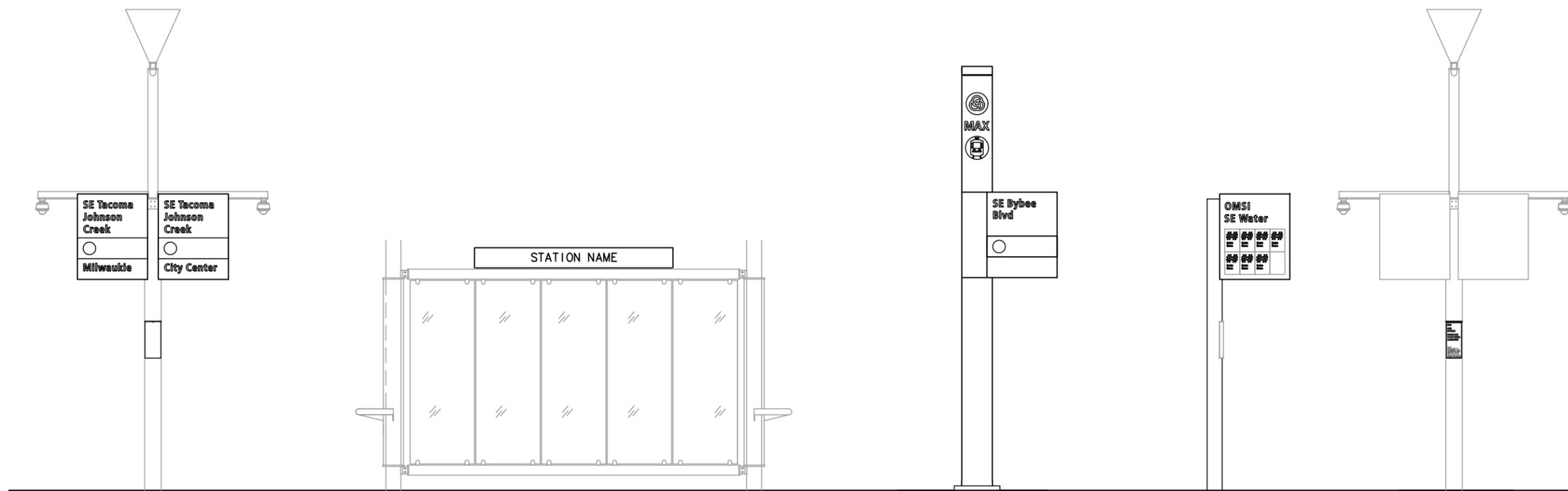
CAPITAL PROJECTS AND FACILITIES DIVISION
 710 N.E. HOLLADAY STREET
 PORTLAND, OREGON 97232

PORTLAND TO MILWAUKIE LRT
AMENITIES Exhibit T 47
 LIGHT POLE - TYPE 1 & 2
 PLAN & ELEVATION

SCALE: AS NOTED	DRAWING NO.: A15S-150	CONTRACT NO.: RH100186JB	SHEET NO.:
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Mar 22, 2012 1:52pm
 bmarth
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NOTES:
 1. REF. PMLR EAST & WEST SEGMENT DRAWINGS FOR QUANTITIES, A15E-006, A15W-003.



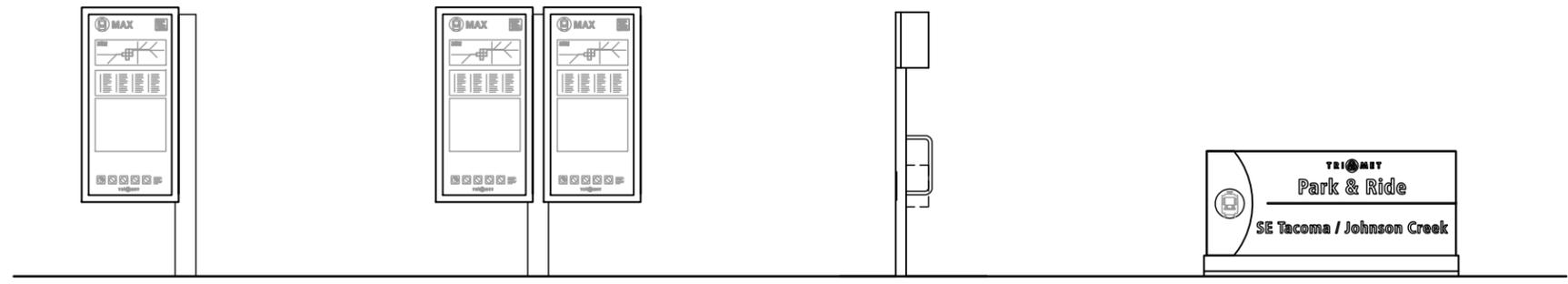
STATION ID SIGN - TYPE A1
 LIGHT POLE MOUNTED
 REF. A15N-210

STATION ID SIGN - TYPE C1
 WINDSCREEN MOUNTED
 REF. A15N-230

STATION ID PYLON SIGN - TYPE F1
 REF. A15N-260

BUS STOP SIGN - TYPE G1
 REF. A15N-270

TACTILE SIGN - TYPE H1
 REF. A15N-280



TRANSIT INFORMATION SIGN - TYPE B1
 DOUBLE SIDED
 REF. A15N-220

TRANSIT INFORMATION SIGN - TYPE B2
 SINGLE SIDED
 REF. A15N-220

FARE ZONE SIGN - TYPE D1
 REF. A15N-216

PARK & RIDE SIGN - TYPE E1
 REF. A15N-217

SIGN FAMILY



Mar 22, 2012 2:43pm

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NO.	DATE	BY	APPD.	REVISIONS

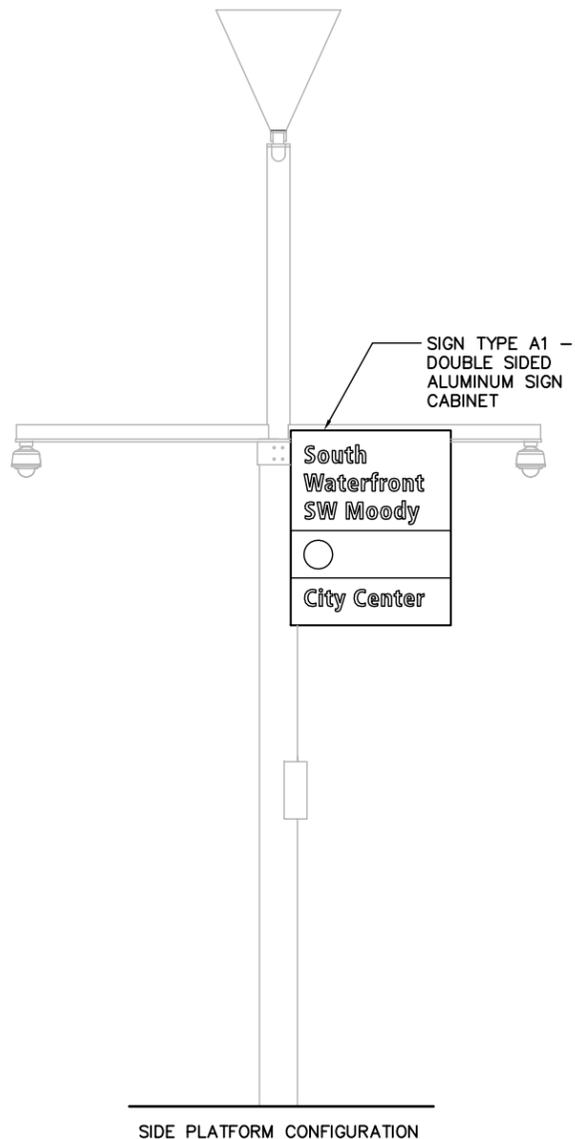
MDR DESIGNED	01-27-12 DATE
JFC DRAWN	01-27-12 DATE
DFS CHECKED	03-19-12 DATE
KHF APPROVED	03-23-12 DATE

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON			
Mayer/Reed	TRI MET		
CAPITAL PROJECTS AND FACILITIES DIVISION 710 N.E. HOLLADAY STREET PORTLAND, OREGON 97232			
SUBMITTED:	DATE:	APPROVED:	DATE:

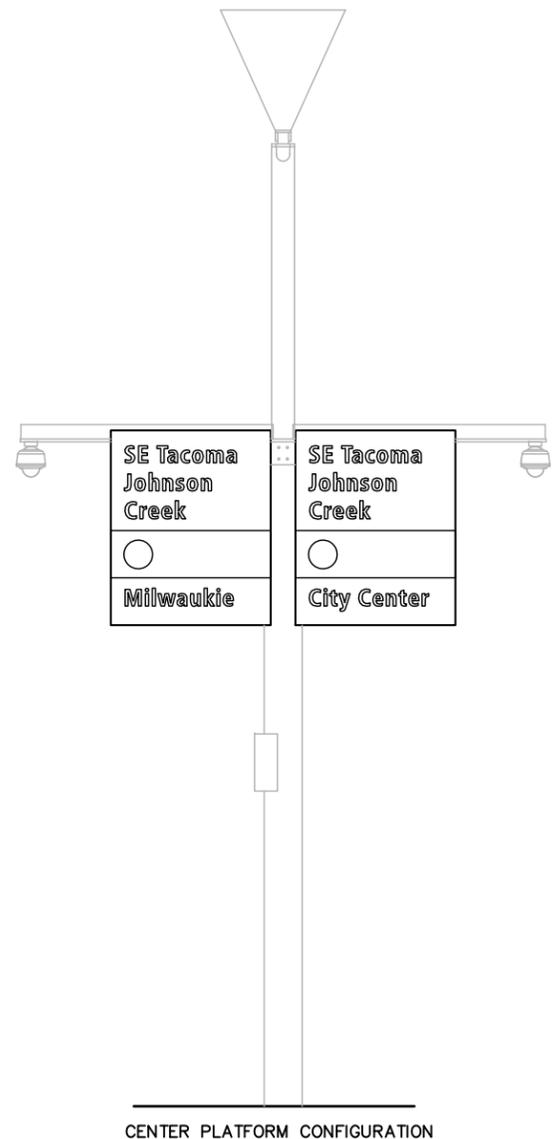
PORTLAND TO MILWAUKIE LRT AMENITIES SIGN FAMILY Exhibit T 48			
SCALE:	DRAWING NO.:	CONTRACT NO.:	SHEET NO.:
AS NOTED	A15N-200	RH100544JB	

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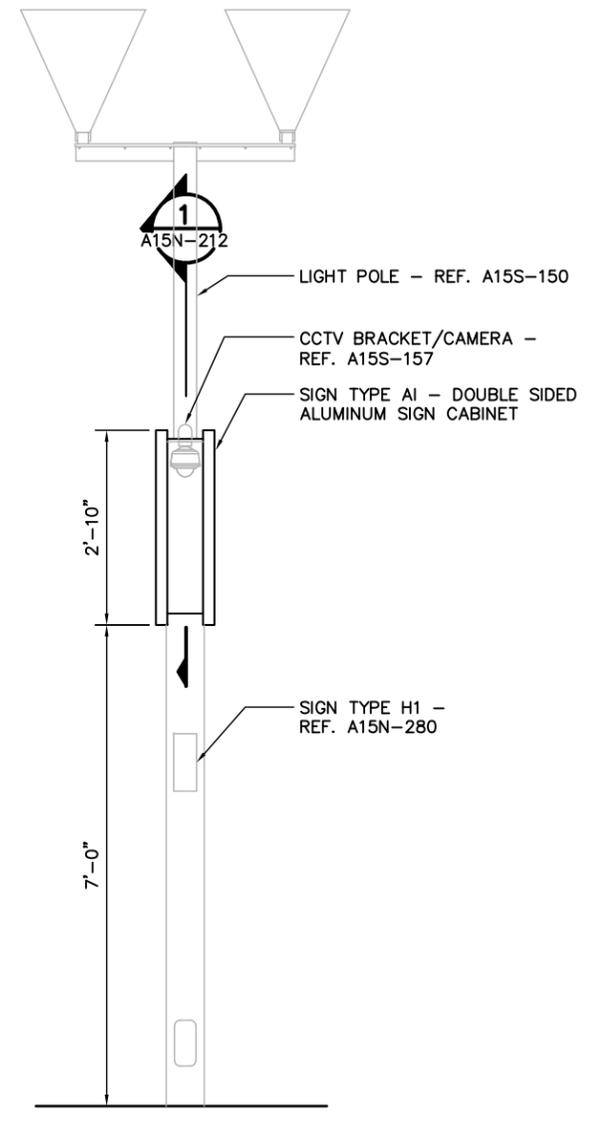
- NOTES:
- COORDINATE SIGN INSTALLATION FIT-UP WITH LIGHT POLE FABRICATION. REF. A15S-150.
 - DIGITAL ARTWORK FOR SIGN LAYOUTS PROVIDED BY OWNER.
 - ELECTRICAL TO LIGHT FIXTURE BY OTHERS. REF. PMLR EAST & WEST DRAWINGS.



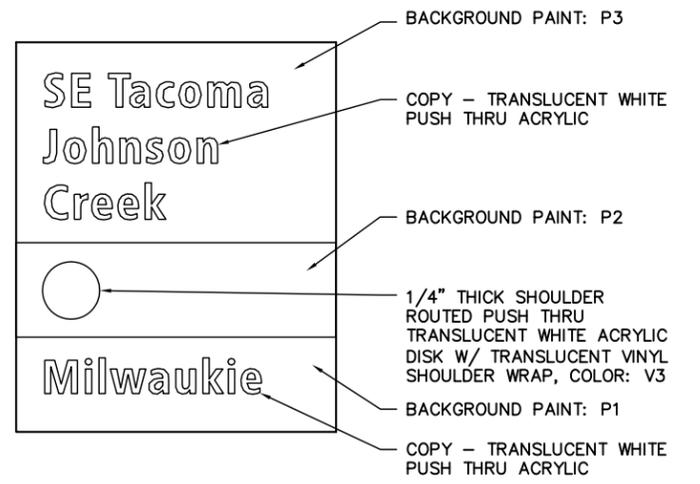
TYPE A1 - SINGLE SIGN
SCALE: 3/4" = 1'-0"



TYPE A1 - DOUBLE SIGN
SCALE: 3/4" = 1'-0"



TYPE A1 - END VIEW
SCALE: 3/4" = 1'-0"



TYPE A1 - SIGN FACE DETAIL
SCALE: 1 1/2" = 1'-0"

NO.	DATE	BY	APPD.	REVISIONS

MDR DESIGNED	01-27-12 DATE
JFC DRAWN	01-27-12 DATE
DFS CHECKED	03-19-12 DATE
KHF APPROVED	03-23-12 DATE

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

Mayer/Reed

TRI MET

CAPITAL PROJECTS AND FACILITIES DIVISION
 710 N.E. HOLLADAY STREET
 PORTLAND, OREGON 97232

SUBMITTED:	DATE:	APPROVED:	DATE:
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PORTLAND TO MILWAUKIE LRT
AMENITIES Exhibit T 49
 STATION ID SIGN - TYPE A1
 ELEVATION

SCALE: AS NOTED	DRAWING NO.: A15N-210	CONTRACT NO.: RH100544JB	SHEET NO.:
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1
2
3
4
5

- NOTES:
1. DIGITAL ARTWORK FOR SIGN LAYOUTS PROVIDED BY OWNER.
 2. LAYOUT THE SAME FOR BOTH SIDES OF CABINET.
 3. REFERENCE A15S-153 AND A15S-154 POLE SCHEDULE FOR LOCATIONS.

LIGHT POLE #: 1-1, 1-4, 1-5
SIGN CABINET: POLE SIDE Z

Lincoln St
SW 3rd Ave

○

City Center

LIGHT POLE #: 2-2, 2-4, 2-5
SIGN CABINET: POLE SIDE Z

South
Waterfront
SW Moody

○

City Center

LIGHT POLE #: 3-2, 3-5, 3-6
SIGN CABINET: POLE SIDE Z

OMSI
SE Water

○

City Center

LIGHT POLE #: 4-3, 4-4, 4-6
SIGN CABINET: POLE SIDE Z

Clinton St
SE 12th Ave

○

City Center

LIGHT POLE #: 5-2, 5-3, 5-5
SIGN CABINET: POLE SIDE Z

SE 17th Ave
& Rhine St

○

City Center

LIGHT POLE #: 1-1, 1-4, 1-5
SIGN CABINET: POLE SIDE X

Lincoln St
SW 3rd Ave

○

Milwaukie

LIGHT POLE #: 2-6, 2-7, 2-9
SIGN CABINET: POLE SIDE X

South
Waterfront
SW Moody

○

Milwaukie

LIGHT POLE #: 3-7, 3-8, 3-11,
SIGN CABINET: POLE SIDE X

OMSI
SE Water

○

Milwaukie

LIGHT POLE #: 4-3, 4-4, 4-6
SIGN CABINET: POLE SIDE X

Clinton St
SE 12th Ave

○

Milwaukie

LIGHT POLE #: 5-2, 5-3, 5-5
SIGN CABINET: POLE SIDE X

SE 17th Ave
& Rhine St

○

Milwaukie

LIGHT POLE #: 6-2, 6-3, 6-5
SIGN CABINET: POLE SIDE Z

SE 17th Ave
& Holgate
Blvd

○

City Center

LIGHT POLE #: 7-1, 7-3, 7-4
SIGN CABINET: POLE SIDE Z

SE Bybee
Blvd

○

City Center

LIGHT POLE #: 8-3, 8-6, 8-7
SIGN CABINET: POLE SIDE Z

SE Tacoma
Johnson
Creek

○

City Center

LIGHT POLE #: 9-3, 9-5, 9-6
SIGN CABINET: POLE SIDE Z

Milwaukie
Main St

○

City Center

LIGHT POLE #: 10-2, 10-5, 10-6,
10-8, 10-10, 10-11
SIGN CABINET: POLE SIDE X & Z

SE Park Ave

○

City Center

LIGHT POLE #: 6-2, 6-3, 6-5
SIGN CABINET: POLE SIDE X

SE 17th Ave
& Holgate
Blvd

○

Milwaukie

LIGHT POLE #: 7-1, 7-3, 7-4
SIGN CABINET: POLE SIDE X

SE Bybee
Blvd

○

Milwaukie

LIGHT POLE #: 8-3, 8-6, 8-7
SIGN CABINET: POLE SIDE X

SE Tacoma
Johnson
Creek

○

Milwaukie

LIGHT POLE #: 9-3, 9-5, 9-6
SIGN CABINET: POLE SIDE X

Milwaukie
Main St

○

Milwaukie

TYPE A1 LAYOUTS
SCALE: 3/4" = 1'-0"



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NO.	DATE	BY	APPD.	REVISIONS

MDR DESIGNED	01-27-12 DATE
JFC DRAWN	01-27-12 DATE
DFS CHECKED	03-19-12 DATE
KHF APPROVED	03-23-12 DATE

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

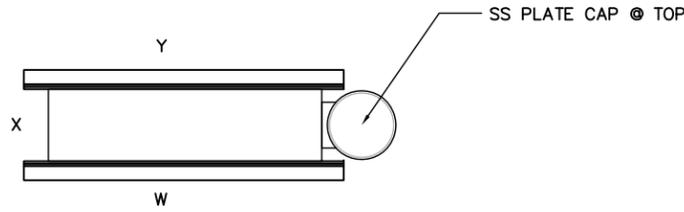
Mayer/Reed

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

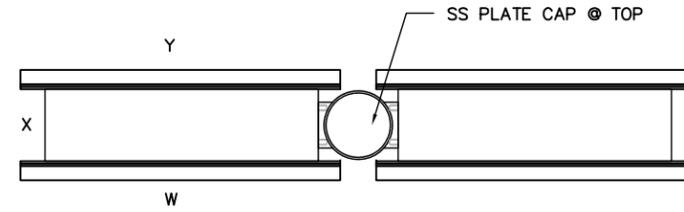
CAPITAL PROJECTS AND FACILITIES DIVISION
 710 N.E. HOLLADAY STREET
 PORTLAND, OREGON 97232

PORTLAND TO MILWAUKIE LRT
AMENITIES Exhibit T 50
 STATION ID SIGN - TYPE A1
 LAYOUTS

SUBMITTED:	DATE:	APPROVED:	DATE:	SCALE:	DRAWING NO.:	CONTRACT NO.:	SHEET NO.:
				AS NOTED	A15N-211	RH100544JB	



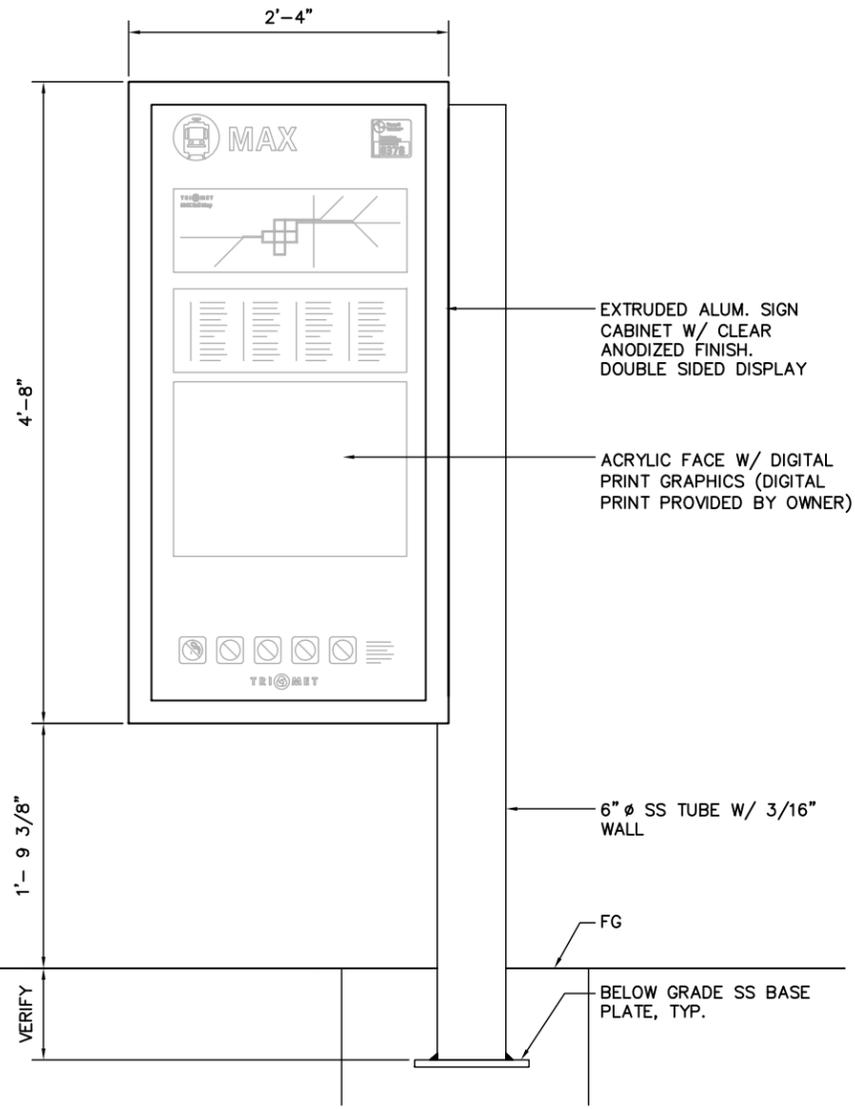
TYPE B1 - PLAN
SCALE: 1 1/2" = 1'-0"



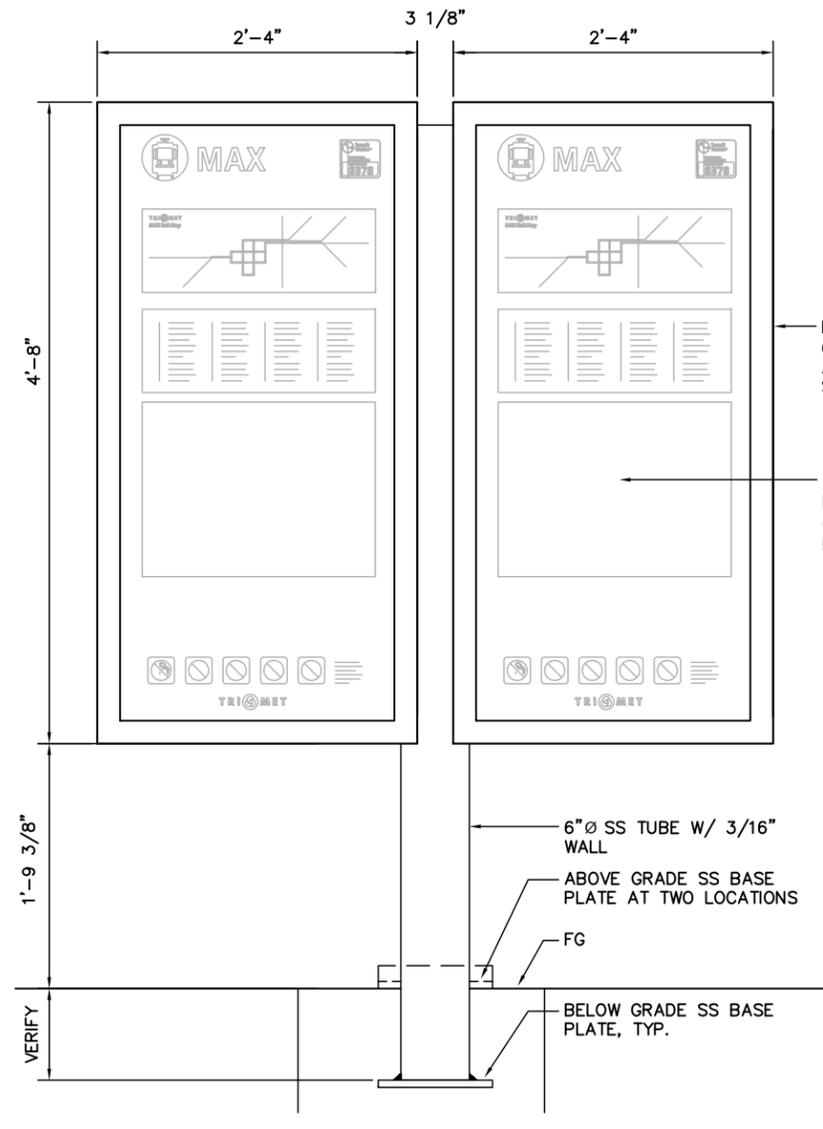
TYPE B2 - PLAN
SCALE: 1 1/2" = 1'-0"



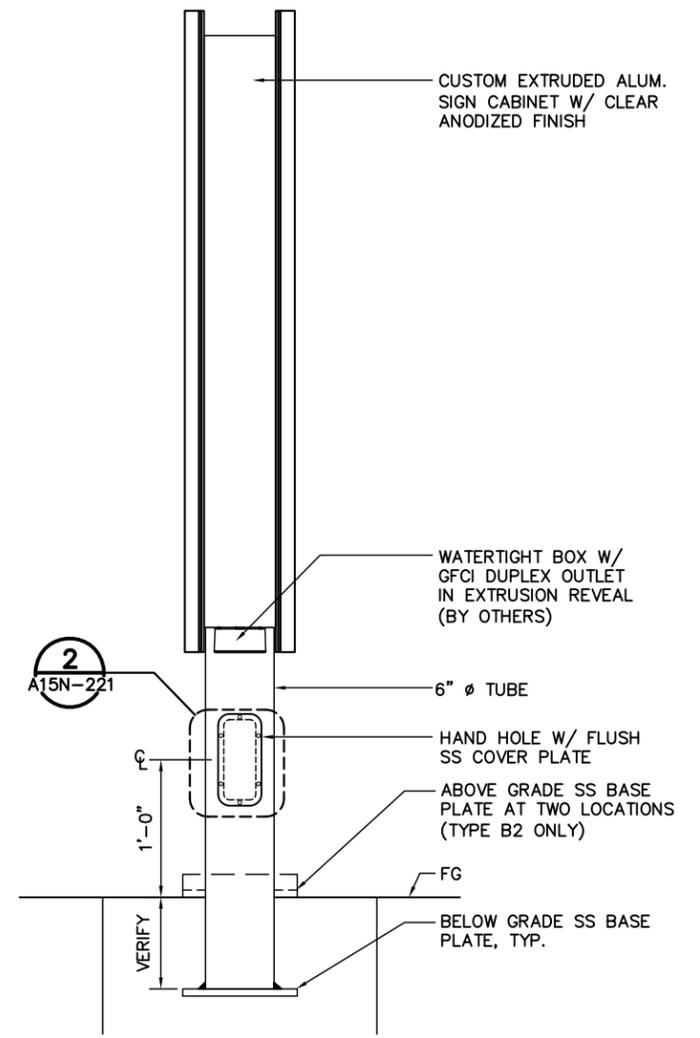
- NOTES:
1. REF. PMLR EAST & WEST SEGMENT ARCHITECTURAL PLANS FOR LOCATIONS.
 2. ABOVE GRADE BASE PLATE REQUIRED AT BYBEE STATION, REF. A15E-443.
 3. FOUNDATION & ANCHOR BOLTS BY OTHERS. REF. PMLR EAST & WEST SEGMENT DRAWINGS.
 4. ELECTRICAL TO LIGHT FIXTURE BY OTHERS. REF. PMLR EAST & WEST SEGMENT ELECTRICAL DRAWINGS.



TYPE B1 - ELEVATION W
SCALE: 1 1/2" = 1'-0"



TYPE B2 - ELEVATION W
SCALE: 1 1/2" = 1'-0"



TYPE B1 & B2 - ELEVATION X
SCALE: 1 1/2" = 1'-0"



Mar 22, 2012 2:54pm
jcorlison
14: \2 VC PROJECTS\TMA\001\2012-05-23 100X\DWGS\A15N-220.dwg

NO.	DATE	BY	APPD.	REVISIONS

MDR	01-27-12
DESIGNED	DATE
JFC	01-27-12
DRAWN	DATE
DFS	03-19-12
CHECKED	DATE
KHF	03-23-12
APPROVED	DATE

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

Mayer/Reed

TRI MET

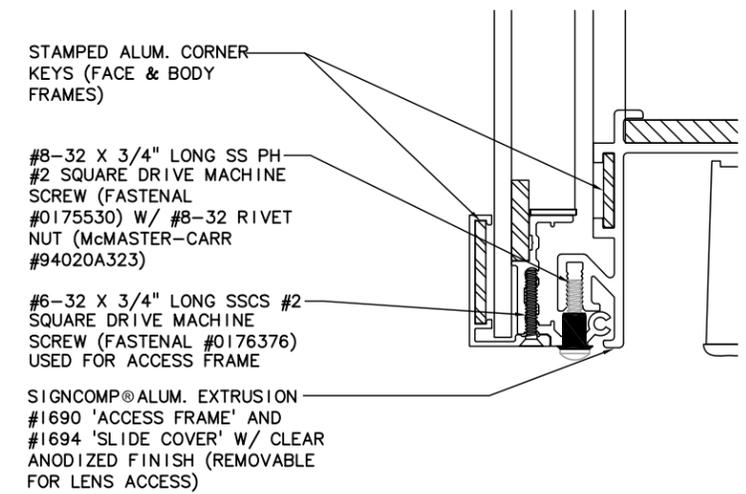
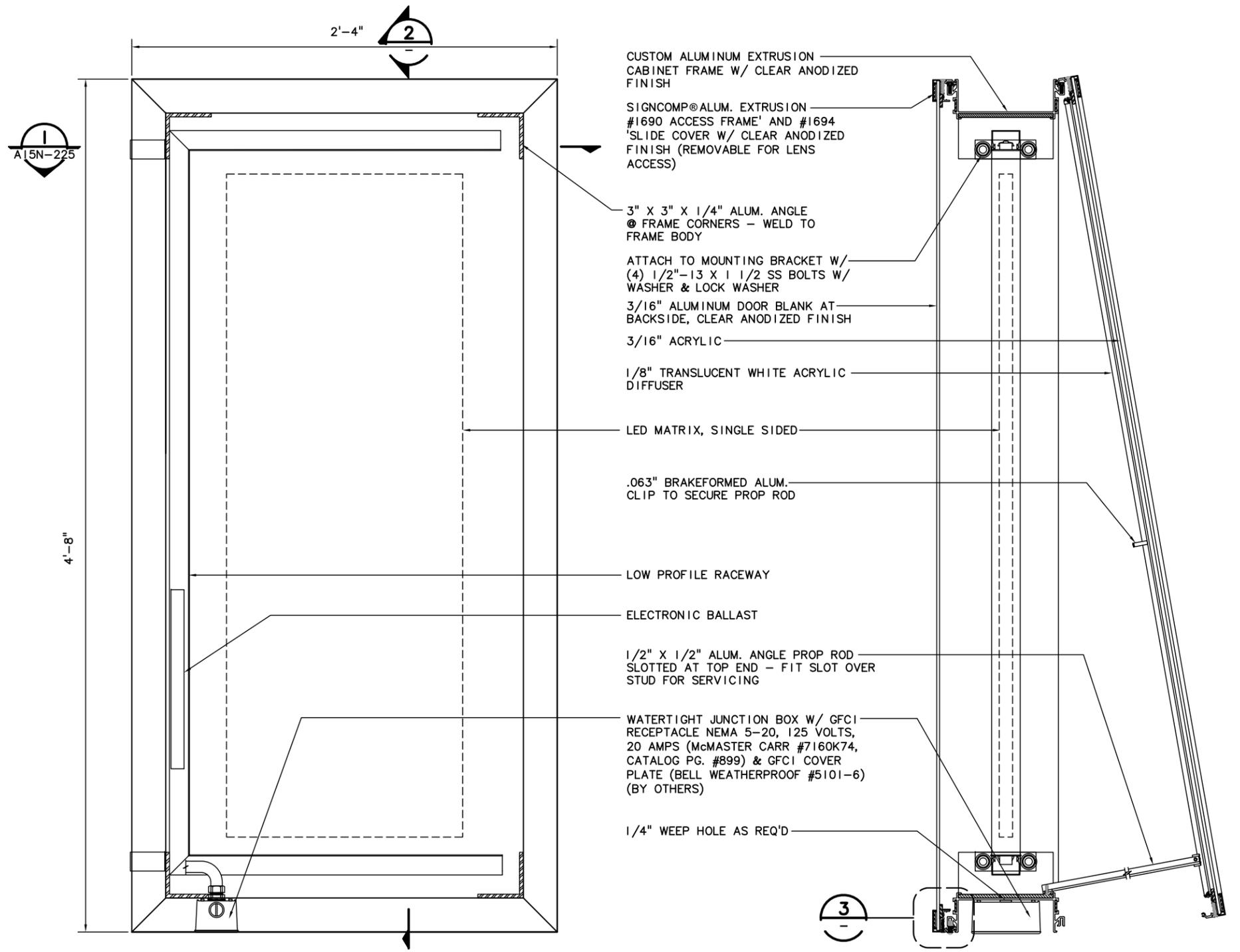
CAPITAL PROJECTS AND FACILITIES DIVISION
710 N.E. HOLLADAY STREET
PORTLAND, OREGON 97232

PORTLAND TO MILWAUKIE LRT
AMENITIES
TRANSIT INFORMATION SIGN - TYPE B1, B2
PLAN & ELEVATION

Exhibit T 51

SCALE: AS NOTED	DRAWING NO.: A15N-220	CONTRACT NO.: RH100544JB	SHEET NO.:
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- NOTES:
1. DOOR HINGE ALLOWS FOR 45° MAX. OPEN ANGLE
 2. ALUM. ANGLE PROP ROD - ONE PER CABINET FACE, ON COLUMN SIDE



TYPE B2 - SINGLE SIDED CABINET DETAIL
SCALE: 3" = 1'-0"

TYPE B2 - SECTION
SCALE: 3" = 1'-0"

TYPE B2 - ACCESS FRAME DETAIL
SCALE: 1'-0" = 1'-0"

Mar 21, 2012 9:42pm
 bmarth
 100% DWGS: A15N-224.dwg

NO.	DATE	BY	APPD.	REVISIONS

MDR	01-27-12
DESIGNED	DATE
JFC	01-27-12
DRAWN	DATE
DFS	03-19-12
CHECKED	DATE
KHF	03-23-12
APPROVED	DATE

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

Mayer/Reed

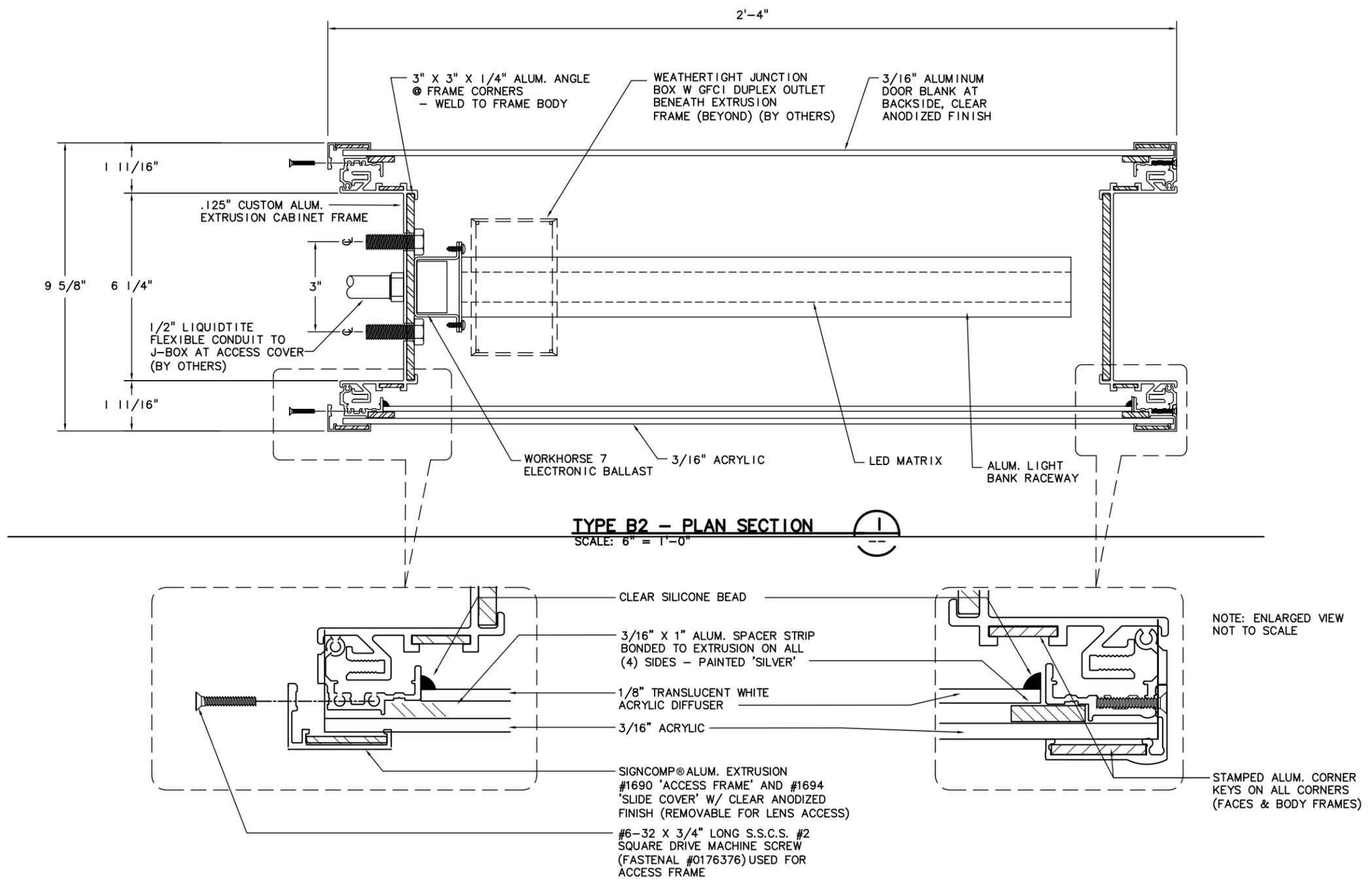
TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

CAPITAL PROJECTS AND FACILITIES DIVISION
 710 N.E. HOLLADAY STREET
 PORTLAND, OREGON 97232

PORTLAND TO MILWAUKIE LRT AMENITIES
Exhibit T 52
 TRANSIT INFORMATION SIGN - TYPE B2
 DETAILS

SCALE:	AS NOTED	DRAWING NO.:	A15N-224	CONTRACT NO.:	RH100544JB	SHEET NO.:	
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NOTES:
 1. FACE FRAMES ARE CUT 1/16" LARGER THAN CABINETS FOR PROPER FIT.



Mar 21, 2012 9:43pm
 bmarth
 100% DWG: A15N-225.dwg

NO.	DATE	BY	APPD.	REVISIONS

MDR DESIGNED	01-27-12 DATE
JFC DRAWN	01-27-12 DATE
DFS CHECKED	03-19-12 DATE
KHF APPROVED	03-23-12 DATE

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

Mayer/Reed

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

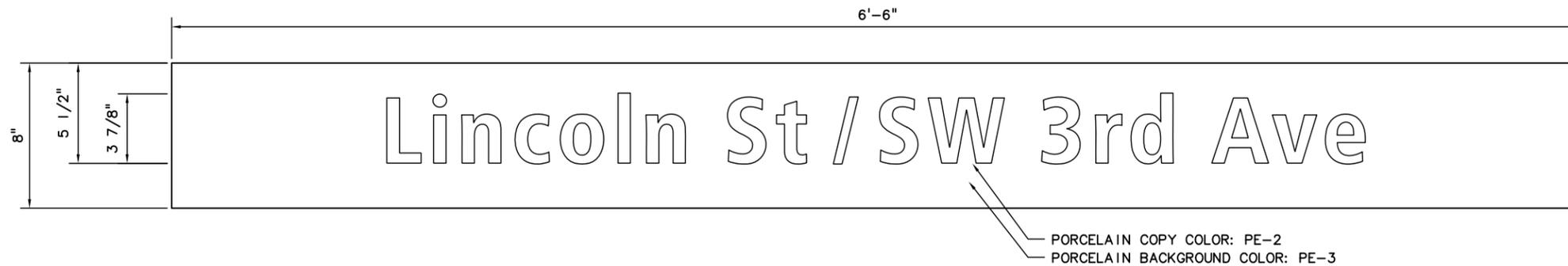
CAPITAL PROJECTS AND FACILITIES DIVISION
 710 N.E. HOLLADAY STREET
 PORTLAND, OREGON 97232

SUBMITTED:	DATE:	APPROVED:	DATE:
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PORTLAND TO MILWAUKIE LRT
AMENITIES **Exhibit T 53**
 TRANSIT INFORMATION SIGN - TYPE B2
 DETAILS

SCALE: AS NOTED	DRAWING NO.: A15N-225	CONTRACT NO.: RH100544JB	SHEET NO.:
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NOTES:
 1. DIGITAL ARTWORK FOR SIGN LAYOUTS PROVIDED BY OWNER.



TYPE C1 - TYPICAL SIGN LAYOUT
 SCALE: 3" = 1'-0"



Lincoln St / SW 3rd Ave

South Waterfront / SW Moody

OMSI / SE Water

Clinton St / SE 12th Ave

SE 17th Ave & Rhine St

SE 17th Ave & Holgate Blvd

SE Bybee Blvd

SE Tacoma / Johnson Creek

Milwaukie / Main St

SE Park Ave

TYPE C1 - SIGN LAYOUTS
 SCALE: 1" = 1'-0"



Mar 21, 2012 9:47pm
 bmarth
 I:\2 VC PROJECTS\TMA\OUT\2012-03-23 100%\DWGS\A15N-231.dwg

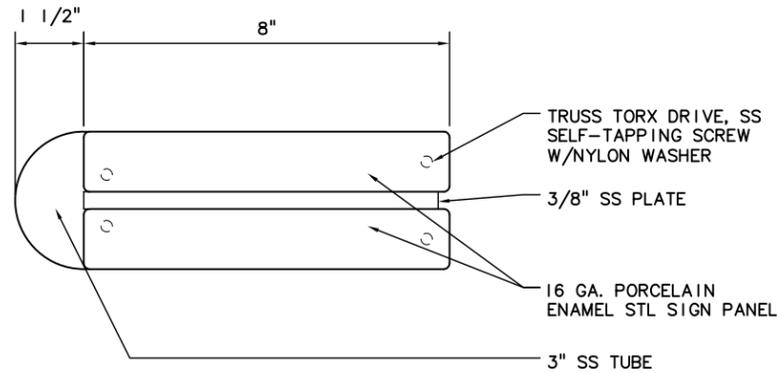
NO.	DATE	BY	APPD.	REVISIONS

MDR DESIGNED	01-27-12 DATE
JFC DRAWN	01-27-12 DATE
DFS CHECKED	03-19-12 DATE
KHF APPROVED	03-23-12 DATE

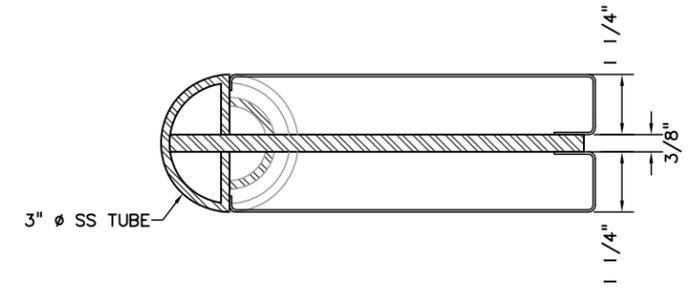
Mayer/Reed	
CAPITAL PROJECTS AND FACILITIES DIVISION 710 N.E. HOLLADAY STREET PORTLAND, OREGON 97232	
SUBMITTED:	DATE:
APPROVED:	DATE:

PORTLAND TO MILWAUKIE LRT AMENITIES Exhibit T 54 STATION ID SIGN - TYPE C1 LAYOUTS			
SCALE:	DRAWING NO.:	CONTRACT NO.:	SHEET NO.:
AS NOTED	A15N-231	RH100544JB	

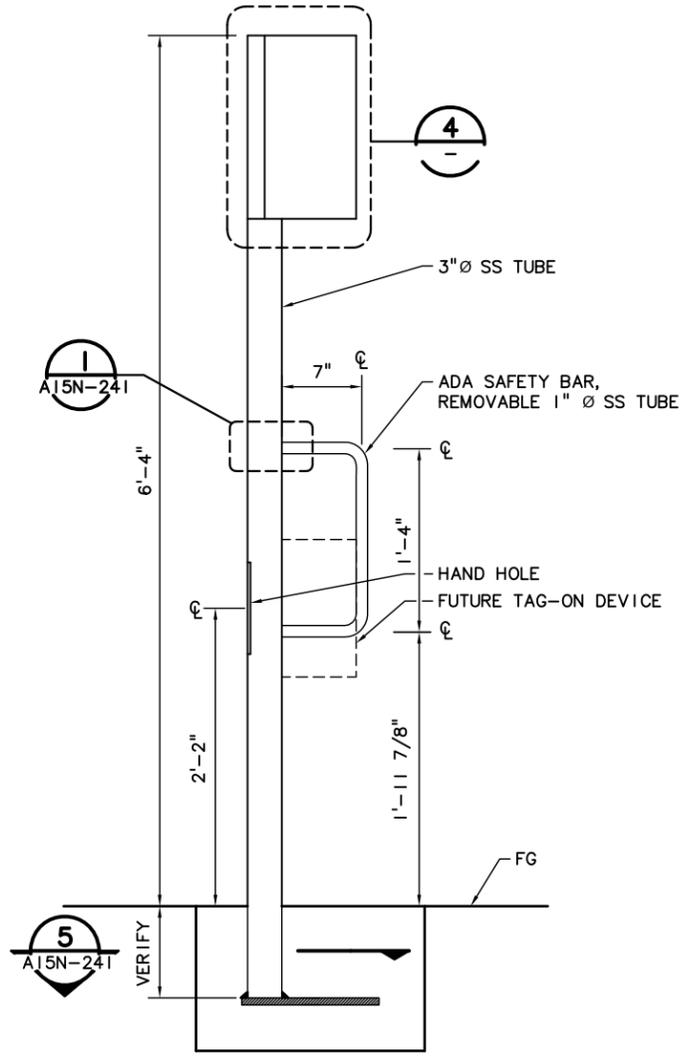
1
2
3
4
5



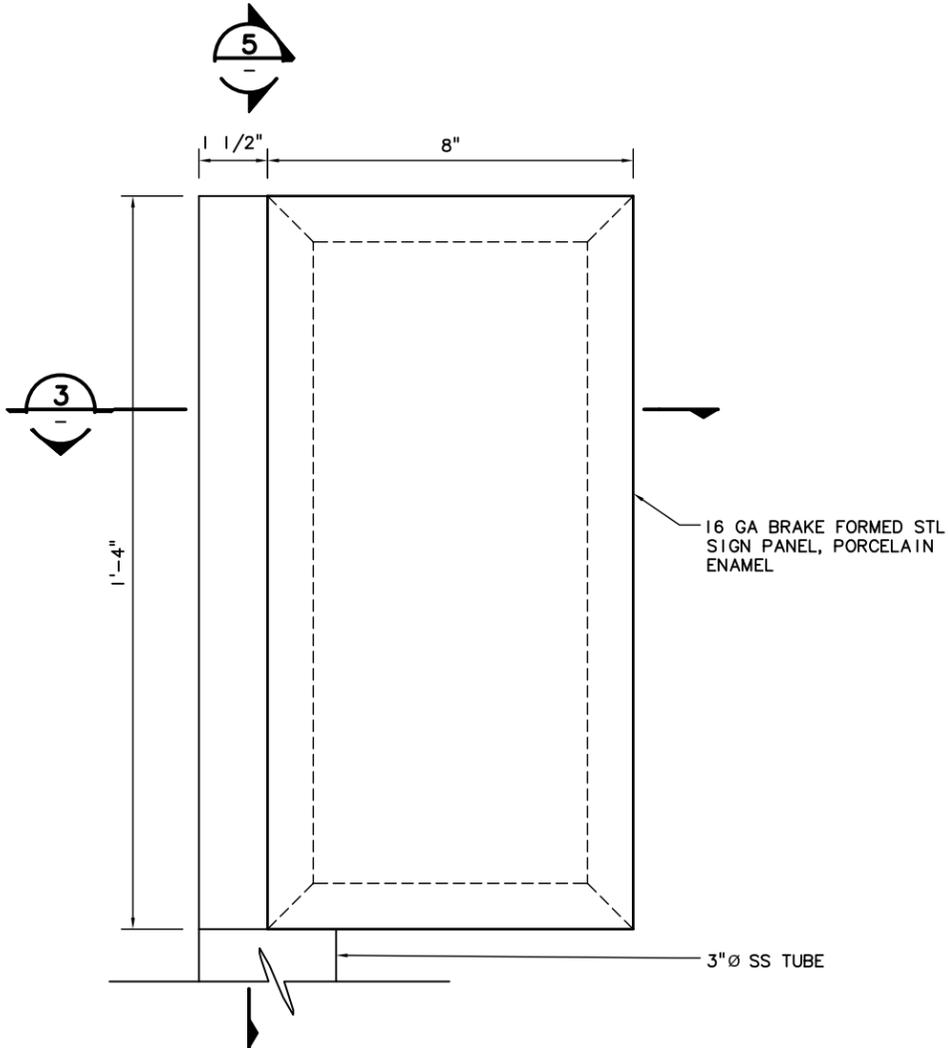
TYPE D1 - PLAN
SCALE: 6" = 1'-0" (2)



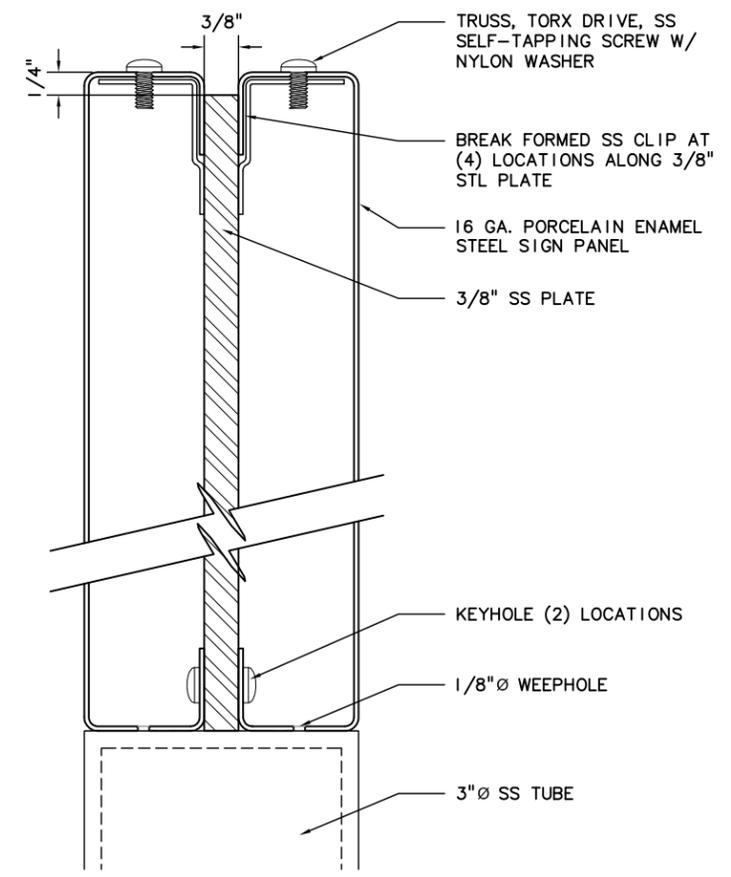
TYPE D1 - PLAN SECTION
SCALE: 6" = 1'-0" (3)



TYPE D1 - SIGN POST - ELEVATION
SCALE: 1 1/2" = 1'-0" (1)



TYPE D1 - SIGN DETAIL
SCALE: 6" = 1'-0" (4)



TYPE D1 - SECTION
SCALE: 1'-0" = 1'-0" (5)

- NOTES:
- DIGITAL ARTWORK FOR SIGN LAYOUT PROVIDED BY OWNER.
 - REFERENCE PMLR EAST & WEST ARCHITECTURAL PLANS FOR LOCATIONS.

Mar 21, 2012 9:48pm
bmarth
100%DWGS\A15N-240.dwg

NO.	DATE	BY	APPD.	REVISIONS

MDR DESIGNED	01-27-12 DATE
JFC DRAWN	01-27-12 DATE
DFS CHECKED	03-19-12 DATE
KHF APPROVED	03-23-12 DATE

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

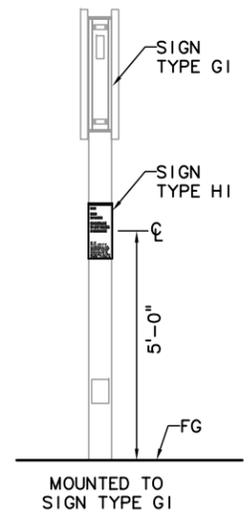
Mayer/Reed

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

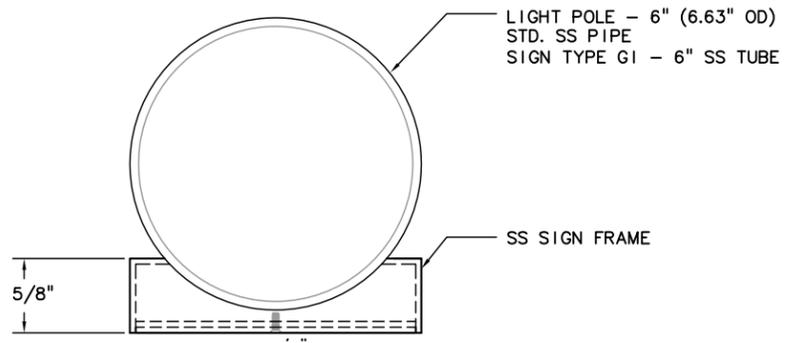
CAPITAL PROJECTS AND FACILITIES DIVISION
 710 N.E. HOLLADAY STREET
 PORTLAND, OREGON 97232

PORTLAND TO MILWAUKIE LRT
AMENITIES Exhibit T 55
 FARE ZONE SIGN - TYPE D1
 PLAN, ELEVATION & DETAILS

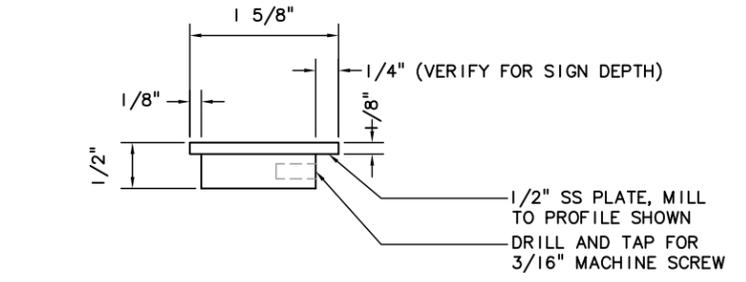
SCALE: AS NOTED	DRAWING NO.: A15N-240	CONTRACT NO.: RH100544JB	SHEET NO.:
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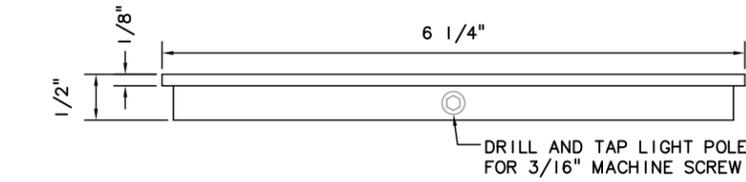
MOUNTED TO SIGN TYPE G1



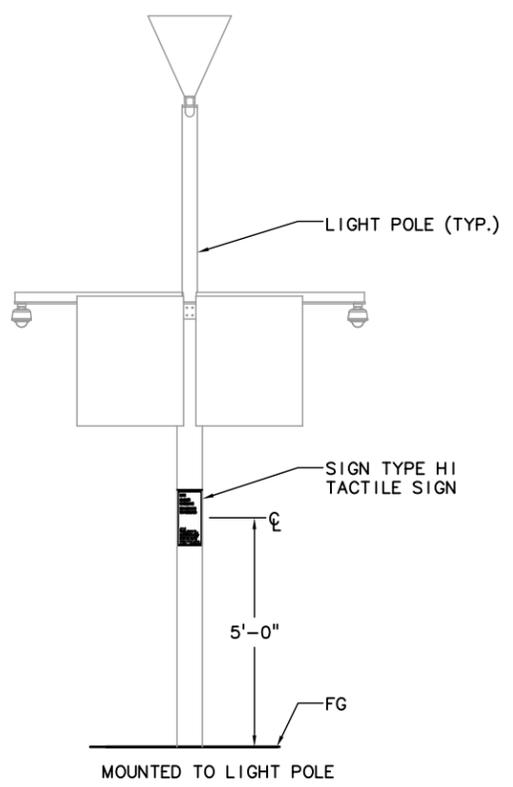
TYPE HI - PLAN
SCALE: 6" = 1'-0"



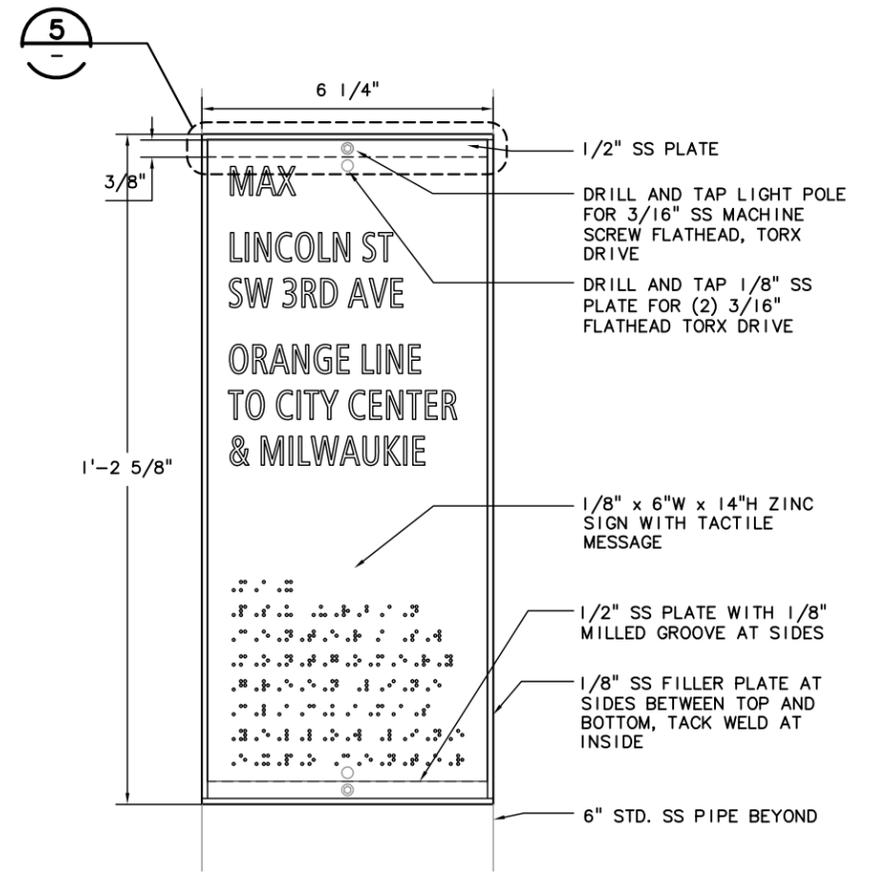
TOP/BOTTOM FRAME - DETAIL SIDE VIEW
SCALE: 1'-0" = 1'-0"



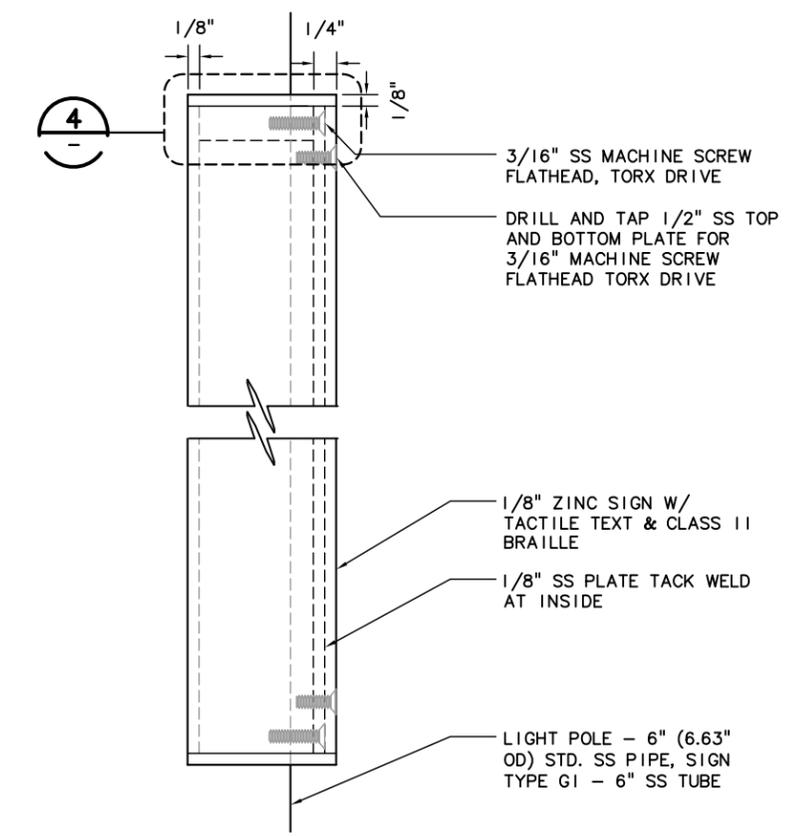
TOP/BOTTOM FRAME - DETAIL FRONT VIEW
SCALE: 1'-0" = 1'-0"



TYPE HI - ELEVATION
SCALE: 1/2" = 1'-0"



TYPE HI - FRONT ELEVATION
SCALE: 6" = 1'-0"



TYPE HI - SIDE ELEVATION
SCALE: 1'-0" = 1'-0"

Mar 21, 2012 9:59pm
 bmarth
 100% DWGS: A15N-280.dwg
 2012-03-23

NO.	DATE	BY	APPD.	REVISIONS

MDR DESIGNED	01-27-12 DATE
JFC DRAWN	01-27-12 DATE
DFS CHECKED	03-19-12 DATE
KHF APPROVED	03-23-12 DATE

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

Mayer/Reed

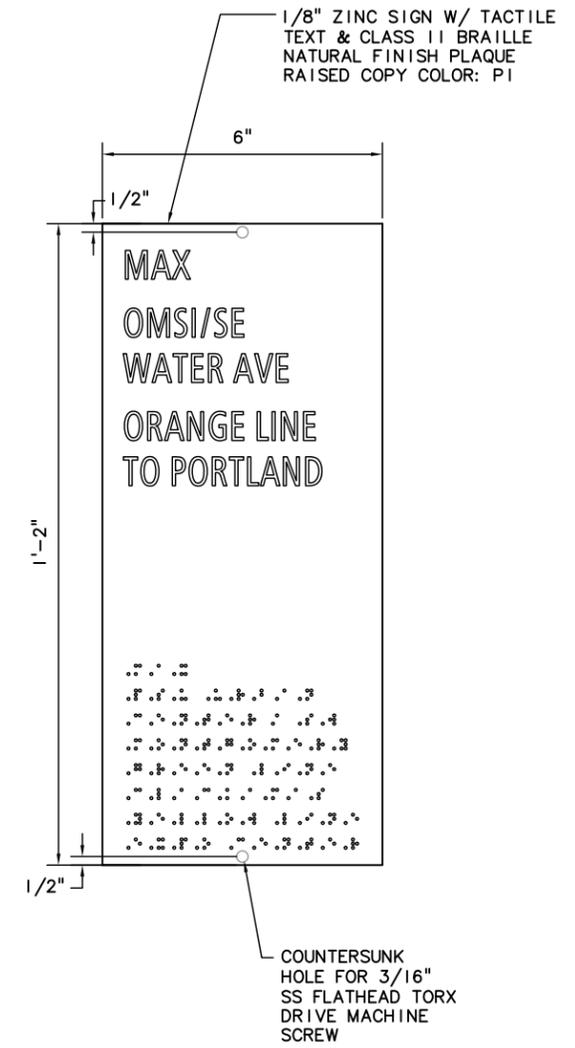
TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

CAPITAL PROJECTS AND FACILITIES DIVISION
 710 N.E. HOLLADAY STREET
 PORTLAND, OREGON 97232

PORTLAND TO MILWAUKIE LRT
AMENITIES Exhibit T 56
 TACTILE SIGN - TYPE HI
 PLAN, ELEVATION & DETAILS

SCALE: AS NOTED	DRAWING NO.: A15N-280	CONTRACT NO.: RH100544JB	SHEET NO.:
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- NOTES:
1. DIGITAL ARTWORK FOR SIGN LAYOUT PROVIDED BY OWNER.
 2. FABRICATOR IS RESPONSIBLE FOR BRAILLE TEXT.
 3. REFERENCE A15S-153 AND A15S-154 POLE SCHEDULE FOR LIGHT POLE LOCATIONS.
 4. REFERENCE:
A15E-400
A15E-401
A15W-227
A15W-228
PLAN VIEW FOR SIGN TYPE G1 LOCATIONS



MAX
LINCOLN ST
SW 3RD AVE
ORANGE LINE
TO CITY CENTER
& MILWAUKIE

LIGHT POLE 1-1
SIDE Y

LIGHT POLE 1-5
SIDE W

MAX
SOUTH
WATERFRONT
SW MOODY
ORANGE LINE
TO CITY CENTER
& MILWAUKIE

LIGHT POLE 2-1, 2-10
SIDE Y

LIGHT POLE 2-5, 2-6
SIDE W

MAX
OMSI
SE WATER
ORANGE LINE
TO CITY CENTER
& MILWAUKIE

LIGHT POLE 3-1, 3-7
SIDE Y

LIGHT POLE 3-6, 3-12
SIDE W

MAX
CLINTON
SE 12TH AVE
ORANGE LINE
TO CITY CENTER
& MILWAUKIE

LIGHT POLE 4-3
SIDE Y

LIGHT POLE 4-6
SIDE W

MAX
SE 17TH AVE
& RHINE ST
ORANGE LINE
TO CITY CENTER
& MILWAUKIE

LIGHT POLE 5-2
SIDE Y

LIGHT POLE 5-5
SIDE W

BUS
SOUTH
WATERFRONT
SW MOODY
BUS ROUTES:
##, ##, ##, ##

SIGN TYPE G1:
NORTHBOUND

BUS
OMSI
SE WATER
BUS ROUTES:
##, ##, ##, ##

SIGN TYPE G1:
NORTHBOUND

MAX
SE 17TH AVE &
HOLGATE BLVD
ORANGE LINE
TO CITY CENTER
& MILWAUKIE

LIGHT POLE 6-2
SIDE Y

LIGHT POLE 6-5
SIDE W

MAX
SE BYBEE BLVD
ORANGE LINE
TO CITY CENTER
& MILWAUKIE

LIGHT POLE 7-1
SIDE Y

LIGHT POLE 7-4
SIDE W

MAX
SE TACOMA
JOHNSON CREEK
ORANGE LINE
TO CITY CENTER
& MILWAUKIE

LIGHT POLE 8-3
SIDE Y

LIGHT POLE 8-7
SIDE W

MAX
MILWAUKIE
MAIN ST
ORANGE LINE
TO CITY CENTER
& MILWAUKIE

LIGHT POLE 9-3
SIDE Y

LIGHT POLE 9-6
SIDE W

MAX
SE PARK AVE
ORANGE LINE
TO CITY CENTER
& MILWAUKIE

LIGHT POLE 10-2, 10-8
SIDE Y

LIGHT POLE 10-6, 10-10
SIDE W

BUS
SOUTH
WATERFRONT
SW MOODY
BUS ROUTES:
##, ##, ##, ##

SIGN TYPE G1:
SOUTHBOUND

BUS
OMSI
SE WATER
BUS ROUTES:
##, ##, ##, ##

SIGN TYPE G1:
SOUTHBOUND

COUNTERSUNK
HOLE FOR 3/16"
SS FLATHEAD TORX
DRIVE MACHINE
SCREW

TYPE HI - LAYOUTS
SCALE: 3" = 1'-0"

TYPE HI - ENLARGED LAYOUT
SCALE: 6" = 1'-0"

Mar 21, 2012 10:00pm

bmartin

I:\2 VC PROJECTS\TMA\GUT\2012-03-23 100%DWGS\A15N-281.dwg

NO.	DATE	BY	APPD.	REVISIONS

MDR DESIGNED	01-27-12 DATE
JFC DRAWN	01-27-12 DATE
DFS CHECKED	03-19-12 DATE
KHF APPROVED	03-23-12 DATE

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

Mayer/Reed

TRI MET

CAPITAL PROJECTS AND FACILITIES DIVISION
 710 N.E. HOLLADAY STREET
 PORTLAND, OREGON 97232

SUBMITTED:	DATE:	APPROVED:	DATE:
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PORTLAND TO MILWAUKIE LRT
AMENITIES Exhibit T 57
 TACTILE SIGN - TYPE HI
 LAYOUTS

SCALE: AS NOTED	DRAWING NO.: A15N-281	CONTRACT NO.: RH100544JB	SHEET NO.:
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