

**DIRKSEN NATURE PARK  
TRAIL & PARKING LOT  
IMPROVEMENTS**

11130 SW TIEDEMAN AVE.  
TIGARD, OR, 97223

PROJECT NAME

REVISIONS		
#	DATE	DESCRIPTION

DRAWN	DMS
CHECKED	HW
PROJECT #	D202001093.01
ISSUE DATE	05/21/2021
SCALE IS AS SHOWN WHEN PLOTTED TO FULL SIZE (22"x34")	
1" = 1'	
PHASE	BID SET

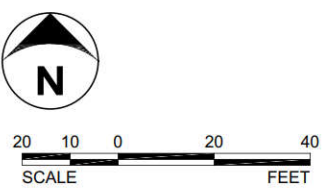
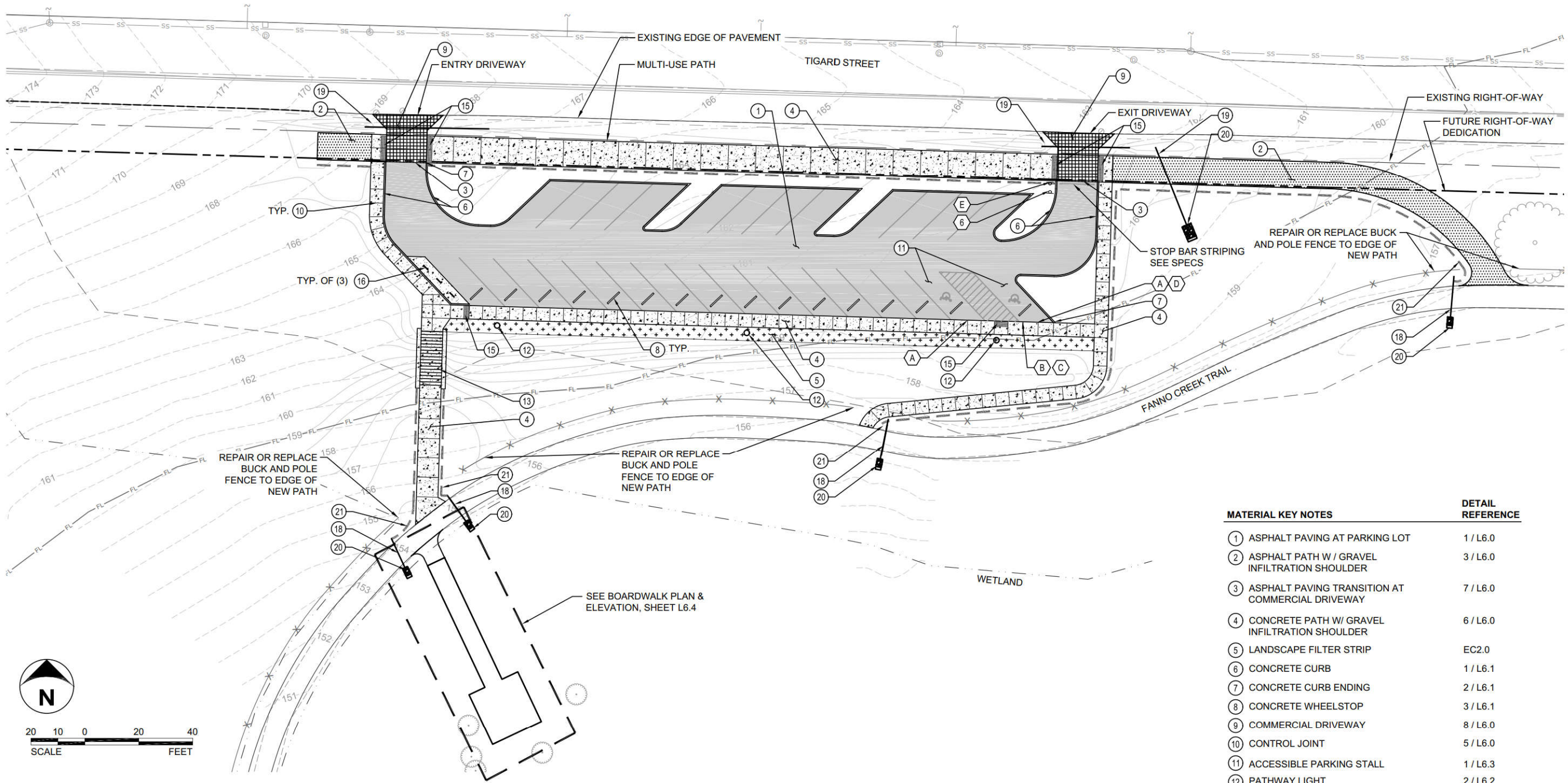
SHEET TITLE

**MATERIALS PLAN**

SHEET NUMBER

**L1.0**

SHEET 13 OF 42



**GENERAL LEGEND**

	PROPERTY LINE
	RIGHT OF WAY CENTERLINE
	FLOODPLAIN: CITY OF TIGARD GIS MAP CWS FEMA FLOOD
	WETLAND
	CWS VEGETATED CORRIDOR
	EXISTING TREES

**LEGEND**

	ASPHALT PAVING-PATH
	ASPHALT PAVING-PARKING LOT
	CONCRETE PAVING-VEHICULAR
	CONCRETE PAVING-PEDESTRIAN
	LANDSCAPE FILTER STRIP
	GRAVEL INFILTRATION SHOULDER

**MATERIALS NOTES:**

- CONTRACTOR TO NOTIFY OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES BETWEEN PLANS AND EXISTING CONDITIONS BEFORE STARTING WORK.

**SIGN TYPE LEGEND**

	SIGN R7-8	5 / L6.3
	SIGN OR7-9A	3 / L6.3
	SIGN OR7-9	2 / L6.3
	SIGN R7-8P	4 / L6.3
	DO NOT ENTER SIGN	8 / L6.3
	BIKE-PED WARNING SIGN	7 / L6.3

**NOTES:**

- SEE SIGN POST ASSEMBLY DETAIL 6/L6.3
- PLACE SALVAGED SIGNS (UP TO 2) ALONG SW TIGARD STREET WITH OWNER'S APPROVAL AND MATCH EXISTING SIGN POST.

MATERIAL KEY NOTES	DETAIL REFERENCE
1 ASPHALT PAVING AT PARKING LOT	1 / L6.0
2 ASPHALT PATH W/ GRAVEL INFILTRATION SHOULDER	3 / L6.0
3 ASPHALT PAVING TRANSITION AT COMMERCIAL DRIVEWAY	7 / L6.0
4 CONCRETE PATH W/ GRAVEL INFILTRATION SHOULDER	6 / L6.0
5 LANDSCAPE FILTER STRIP	EC2.0
6 CONCRETE CURB	1 / L6.1
7 CONCRETE CURB ENDING	2 / L6.1
8 CONCRETE WHEELSTOP	3 / L6.1
9 COMMERCIAL DRIVEWAY	8 / L6.0
10 CONTROL JOINT	5 / L6.0
11 ACCESSIBLE PARKING STALL	1 / L6.3
12 PATHWAY LIGHT	2 / L6.2
13 STAIRS, CHEEK WALL, AND HANDRAIL	5 / L6.1
14 SIGN POST ASSEMBLY	6 / L6.3
15 DETECTABLE WARNING PANEL - SURFACE MOUNT	SEE SPECS
16 BICYCLE RACK	1 / L6.2
18 6" CROSS DRAIN AND OUTFALL	1 / EC2.1
19 10" DI CROSS DRAIN	2 / EC2.1
20 RIPRAP OUTFALL	CWS DWG. NO. 820
21 4" PERF PIPE (20 LF) AND 4" STORM PIPE (12 LF) TO COMBINED OUTFALL	3 / EC2.1





**DIRKSEN NATURE PARK  
TRAIL & PARKING LOT  
IMPROVEMENTS**

11130 SW TIEDEMAN AVE.  
TIGARD, OR, 97223

PROJECT NAME

REVISIONS #	DATE	DESCRIPTION

DRAWN	TTF
CHECKED	DMS
PROJECT #	D202001093.01
ISSUE DATE	05/21/2021

SCALE IS AS SHOWN WHEN PLOTTED TO FULL SIZE (22"x34")  
1" = 1'

PHASE BID SET

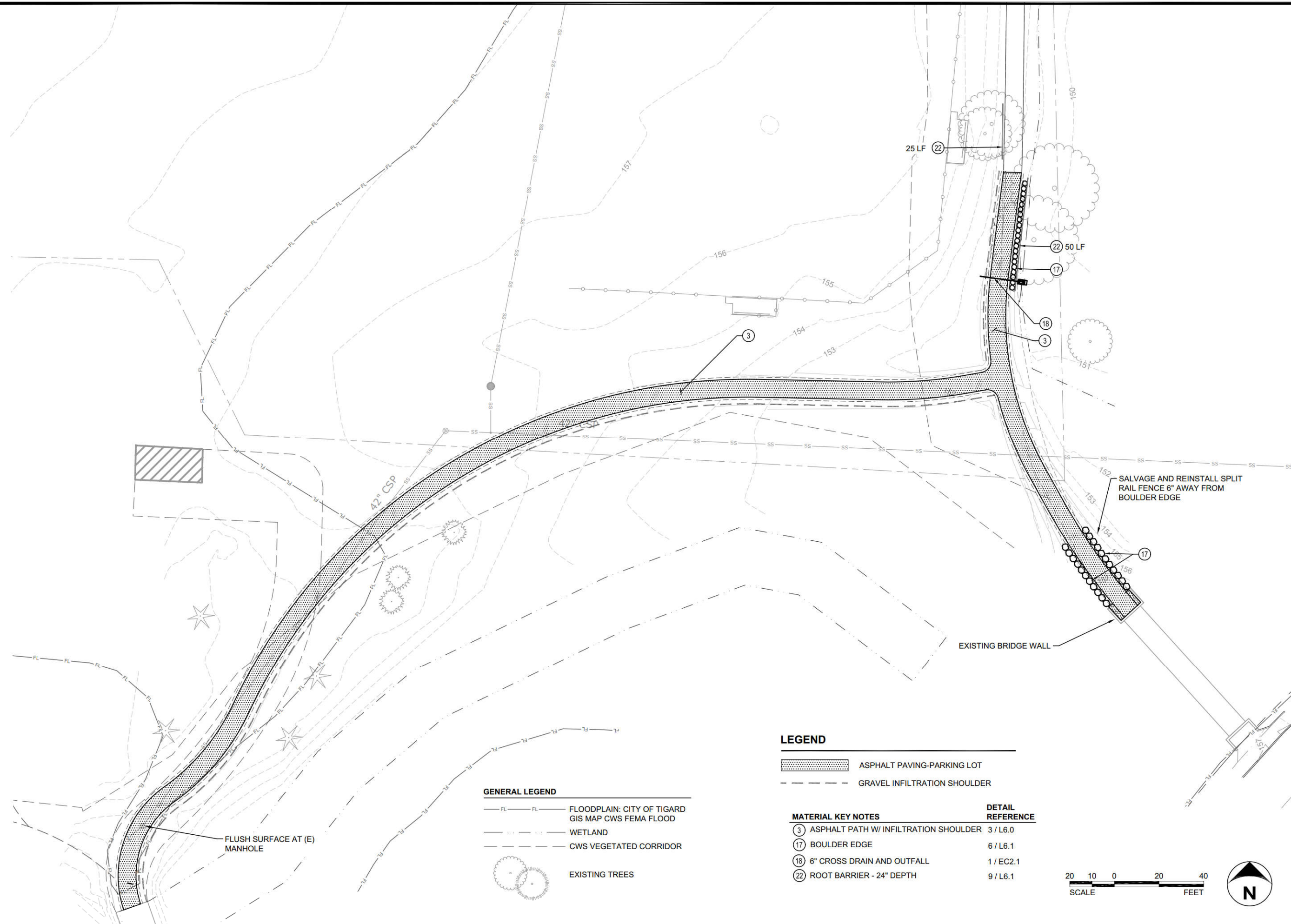
SHEET TITLE

**MATERIALS PLAN**

SHEET NUMBER

**L1.1**

SHEET 14 OF 42



**GENERAL LEGEND**

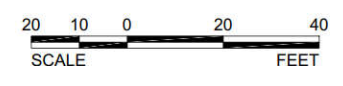
— FL — FL —	FLOODPLAIN: CITY OF TIGARD GIS MAP CWS FEMA FLOOD
— — — — —	WETLAND
- - - - -	CWS VEGETATED CORRIDOR
	EXISTING TREES

**LEGEND**

	ASPHALT PAVING-PARKING LOT
	GRAVEL INFILTRATION SHOULDER

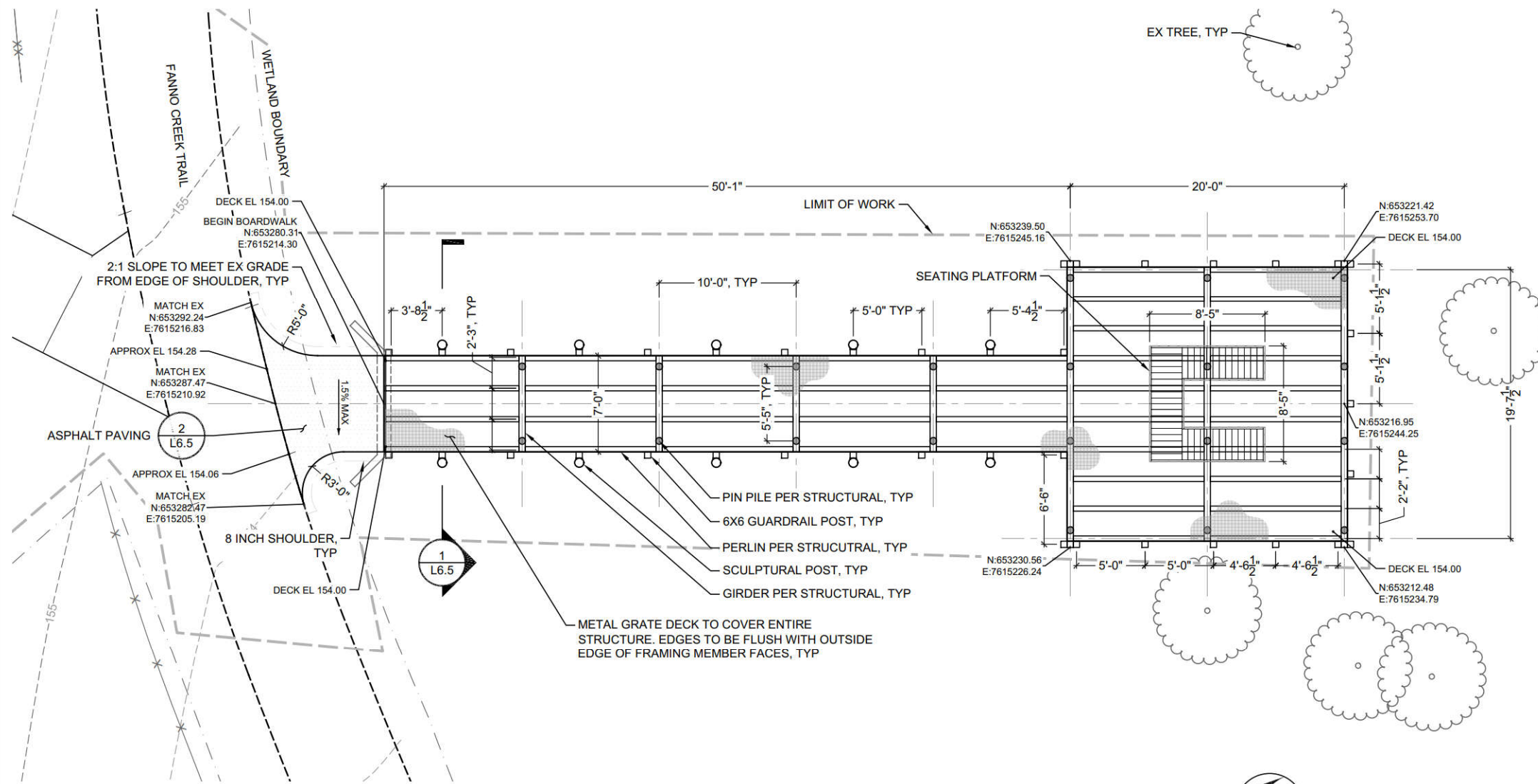
  

MATERIAL KEY NOTES	DETAIL REFERENCE
③ ASPHALT PATH W/ INFILTRATION SHOULDER	3 / L6.0
⑰ BOULDER EDGE	6 / L6.1
⑱ 6" CROSS DRAIN AND OUTFALL	1 / EC2.1
⑳ ROOT BARRIER - 24" DEPTH	9 / L6.1

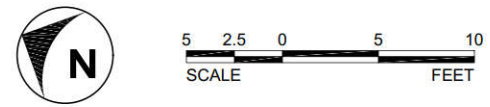




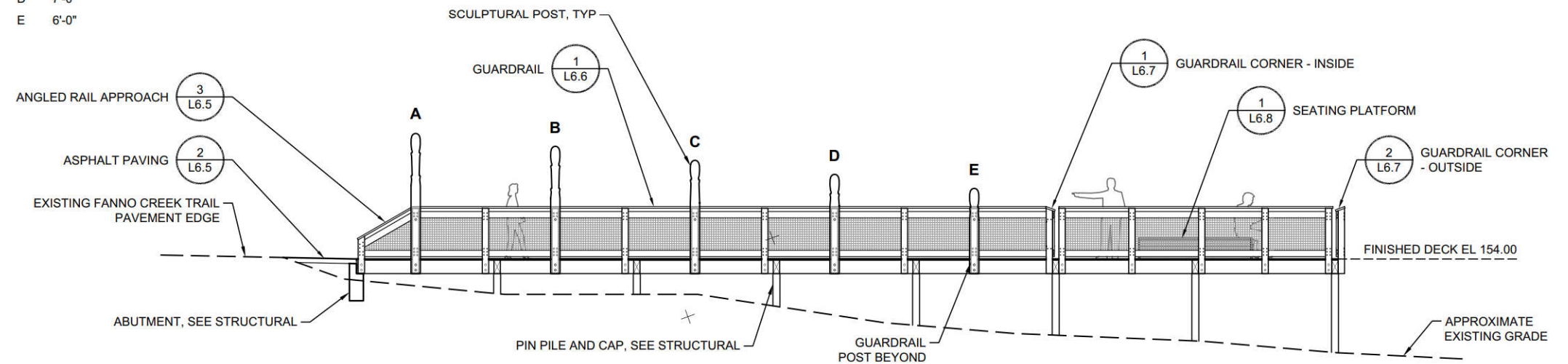
FILE: \\az-fid01\Projects\01 CAD\2020\0000\0202001093.01 Dirksen Phase 1 & 2 CD\002 CAD\CADWGL - MATERIALS & LAYOUT PLAN & ELEVATION.dwg PLOT DATE: 6/29/2021 4:46:11 PM PLOTTED BY: DEREK SERGISON



**MATERIALS & LAYOUT PLAN**



- SCULPTURAL POST HEIGHT:
- A 10'-0"
  - B 9'-0"
  - C 8'-0"
  - D 7'-0"
  - E 6'-0"



**ELEVATION**



**GENERAL NOTES:**

1. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES BETWEEN PLANS AND OBSERVED CONDITIONS BEFORE STARTING WORK.
2. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
3. CONTRACTOR SHALL COORDINATE DELIVERY OF ART WITH CITY TWO WEEKS PRIOR TO INSTALLATION. CONTRACTOR SHALL OFF LOAD AND SECURE ART UNTIL INSTALLATION IS COMPLETE.
4. CONTRACTOR SHALL COORDINATE ART INSTALLATION WITH THE ARTIST. NOTIFY ARTIST TWO WEEKS IN ADVANCE OF INSTALLATION. ARTIST WILL BE ON SITE WHEN ART IS INSTALLED.
5. CONTRACTOR SHALL APPLY BENJAMIN MOORE COROTEC HIGH PERFORMANCE ALIPHATIC ACRYLIC URETHANE GLOSS OR APPROVED EQUAL GRAFFITI RESISTANT COATING TO ALL FINISHED, EXPOSED WOOD FACES PER MANUFACTURER'S RECOMMENDATIONS.

**LAYOUT NOTES:**

1. ALL COORDINATES SHOWN ON THE DRAWINGS ARE BASED UPON THE COORDINATE SYSTEM ESTABLISHED BY THE SURVEYOR. ENVIRONMENTAL SCIENCE ASSOCIATES ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF SURVEYED CONDITIONS AS SHOWN. SURVEY INFORMATION IS PROVIDED FOR REFERENCE ONLY.
2. DO NOT SCALE FROM THE DRAWINGS. THE LOCATION OF FEATURES NOT SPECIFICALLY LOCATED MAY NOT BE DETERMINED BY SCALE. IF CONFLICTS ARISE IN THE FIELD, CONTACT ENGINEER FOR RESOLUTION.
3. ALL CURVED OBJECTS SHALL HAVE SMOOTH CONTINUOUS CURVES WITH CONSISTENT RADII AS INDICATED. EACH CURVE SHALL MEET ADJACENT CURVES OR LINEAR SECTIONS OF THE TANGENT, UNLESS NOTED OTHERWISE.

**GRADING & ACCESSIBILITY NOTES:**

1. VERIFY ACCURACY OF EXISTING GRADES AND INTERPOLATED ELEVATIONS AND NOTIFY ENGINEER OF ANY DISCREPANCY PRIOR TO BEGINNING WORK. PAVEMENT WORK WAS COMPLETED SUBSEQUENT TO THE SURVEY ON FANNO CREEK TRAIL IN THE VICINITY OF THE BOARDWALK. EXISTING GRADES MAY HAVE INCREASED BETWEEN 2 AND 4 INCHES.
2. SPOT ELEVATIONS, PATHWAY SLOPES, AND CLEAR ZONES ARE PROVIDED FOR THE GENERAL DIRECTION OF THE CONTRACTOR. THE CONTRACTOR SHALL ENSURE THAT ALL BOARDWALK AND PAVED AREAS ARE CONSTRUCTED TO ADA STANDARDS FOR OUTDOOR RECREATION AREAS. 5.0% MAXIMUM RUNNING SLOPE  
2.0% MAXIMUM CROSS SLOPE
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SITE CONDITIONS AND ENSURE THAT THE BOARDWALK AND PAVED AREAS CAN BE CONSTRUCTED TO THESE STANDARDS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IN CASE OF DISCREPANCY OR IF SITE CONDITIONS DO NOT ALLOW CONSTRUCTION TO MEET THESE STANDARDS.
4. CONTRACTOR SHALL VERIFY EXISTING GRADE AT TRANSITIONS BETWEEN EXISTING AND PROPOSED SURFACES.
5. BOARDWALK AND PAVED AREAS SHALL HAVE SMOOTH AND CONTINUOUS ELEVATION CHANGES.
6. SET STRAIGHT GRADES BETWEEN GIVEN ELEVATIONS UNLESS OTHERWISE INDICATED.
7. GAPS IN GROUND SURFACES, SUCH AS THAT OCCURRING BETWEEN ASPHALT PAVING, CONCRETE ABUTMENT AND BOARDWALK DECKING, SHALL NOT EXCEED 1/2" HORIZONTAL.
8. CHANGES IN LEVEL, SUCH AS THAT OCCURRING BETWEEN ASPHALT PAVING, CONCRETE ABUTMENT AND BOARDWALK DECKING, SHALL NOT EXCEED 1/4" VERTICAL.



**DIRKSEN NATURE PARK  
TRAIL & PARKING LOT  
IMPROVEMENTS**

11130 SW TIEDEMAN AVE.  
TIGARD, OR, 97223

REVISIONS

#	DATE	DESCRIPTION

DRAWN	DNR
CHECKED	MFR
PROJECT #	D202001093.01
ISSUE DATE	05/21/2021
SCALE IS AS SHOWN WHEN PLOTTED TO FULL SIZE (22"x34")	
1" = 1'	

PHASE  
**BID SET**

SHEET TITLE

**BOARDWALK PLAN & ELEVATION**

SHEET NUMBER  
**L6.4**  
SHEET 30 OF 42