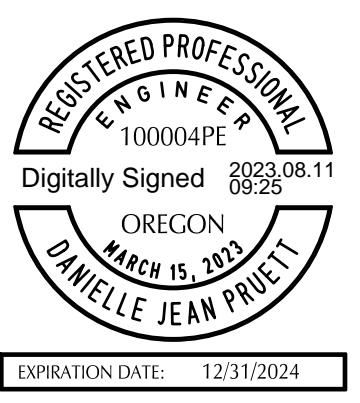


BEAVERTON HIGH SCHOOL REBUILD

13000 SW 2ND STREET
BEAVERTON, OREGON 97005

BEAVERTON SCHOOL DISTRICT

T 503-356-4500



SHEET NOTES

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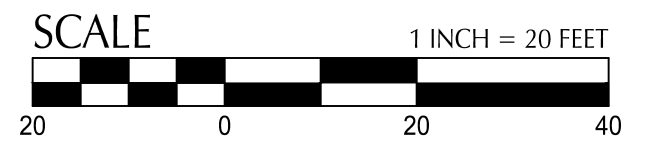
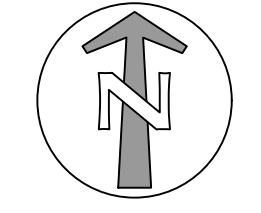
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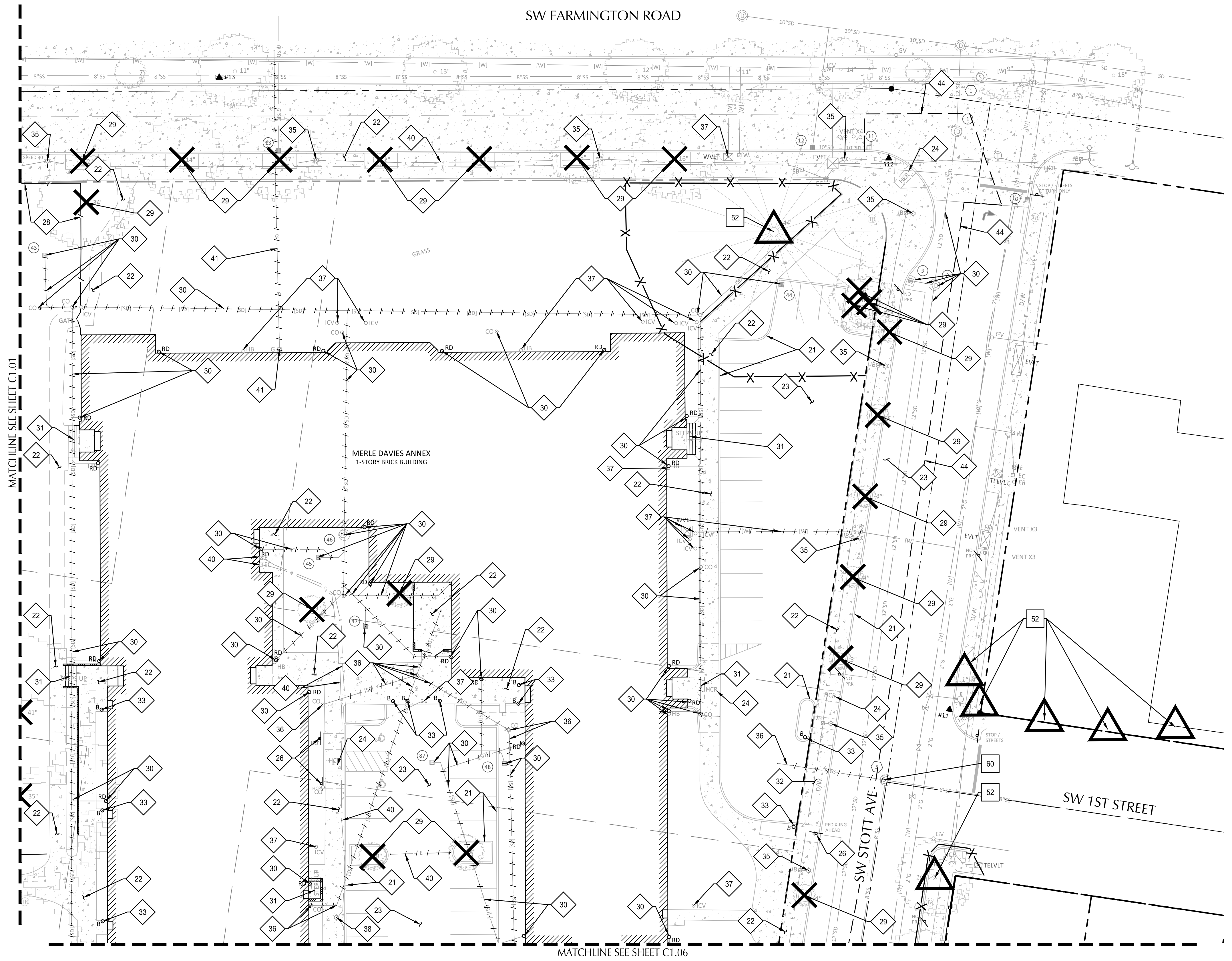
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SEE SHEET C1.01 FOR EXISTING CONDITIONS LEGEND



MATCHLINE SEE SHEET C1.01

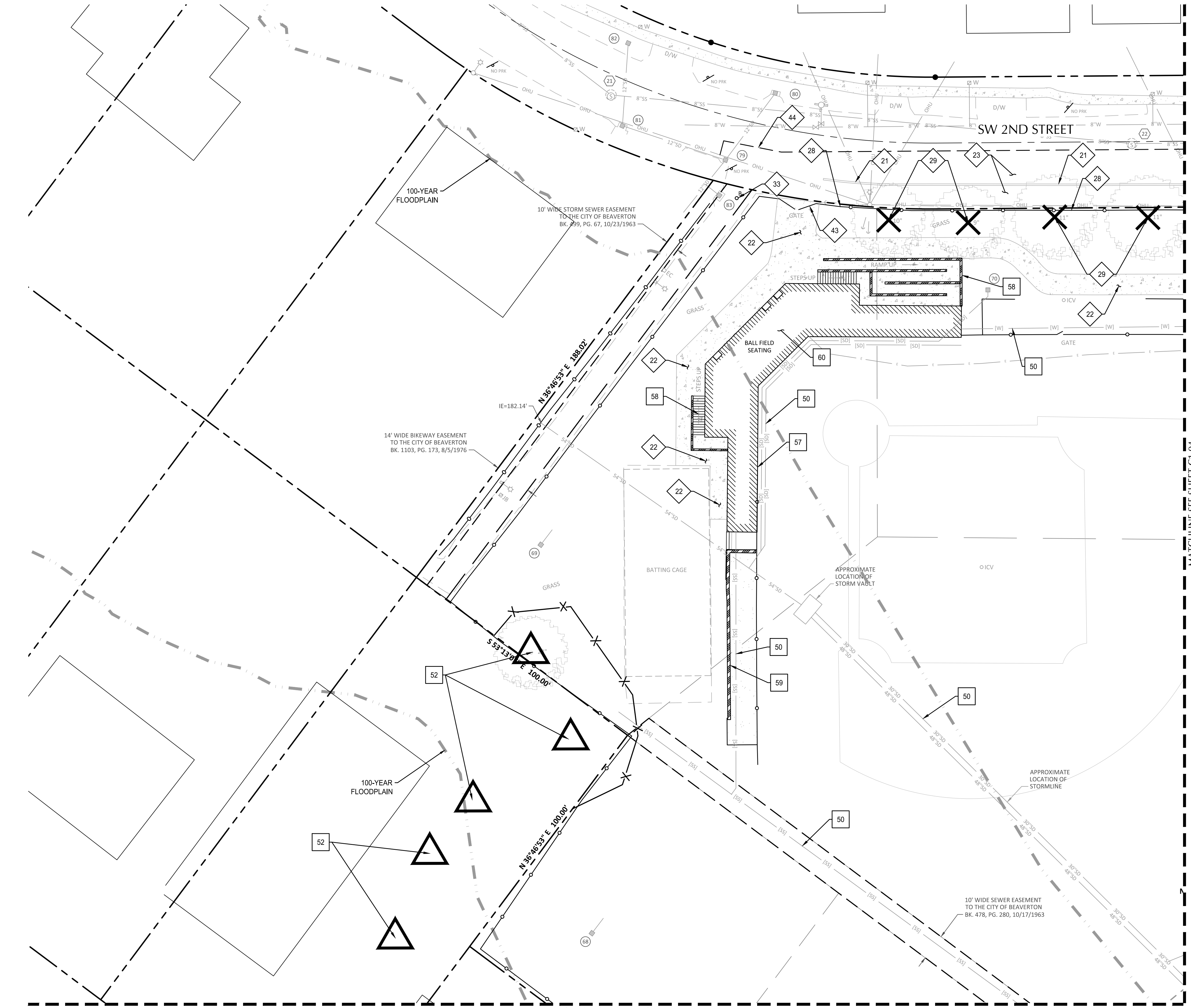
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revisions	

phase	LAND USE RESUBMITTAL SET
date	08/11/2023
project	21016

DEMO PLAN
C1.02

File: N:\c\2023\12\100178-hs\cad\p\lot2\100178-c-1-1-ex.dwg TAB:C1.03
Plotted: 8/9/23 at 3:36pm By: dneadecker



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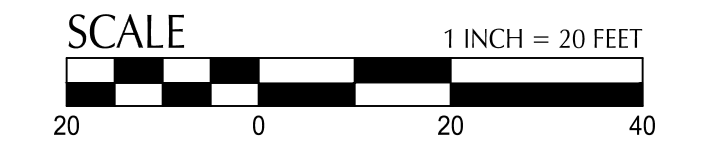
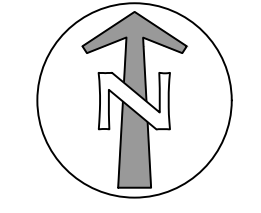
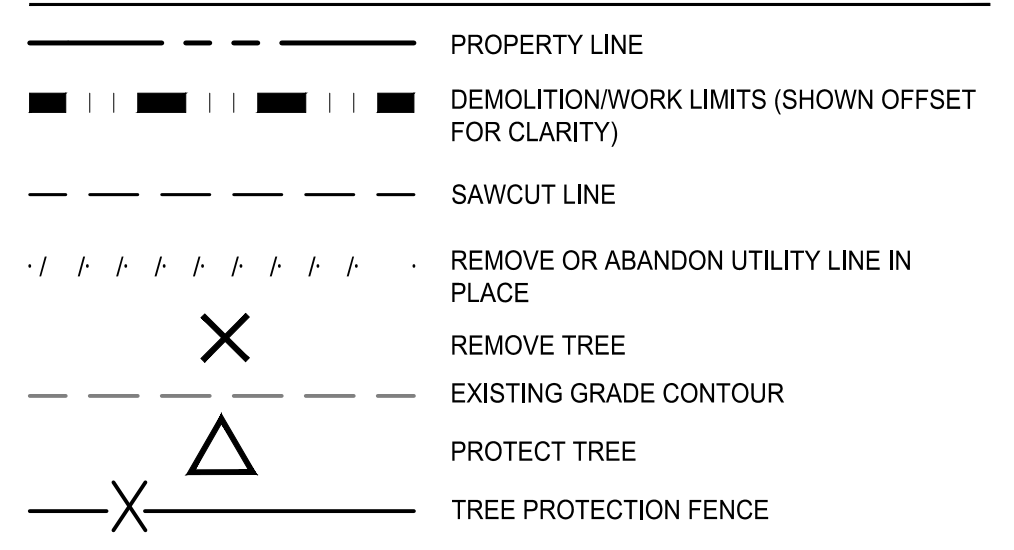
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SHEET LEGEND



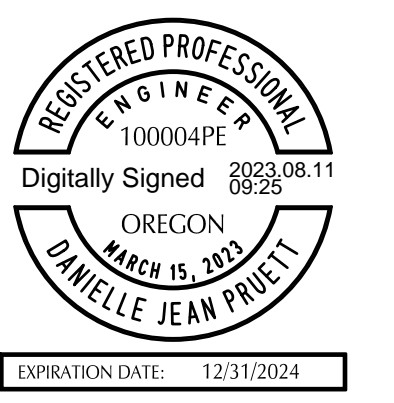
SEE SHEET C1.01 FOR EXISTING CONDITIONS LEGEND

BEAVERTON HIGH SCHOOL REBUILD

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BEAVERTON, OREGON 97005

BEAVERTON SCHOOL DISTRICT

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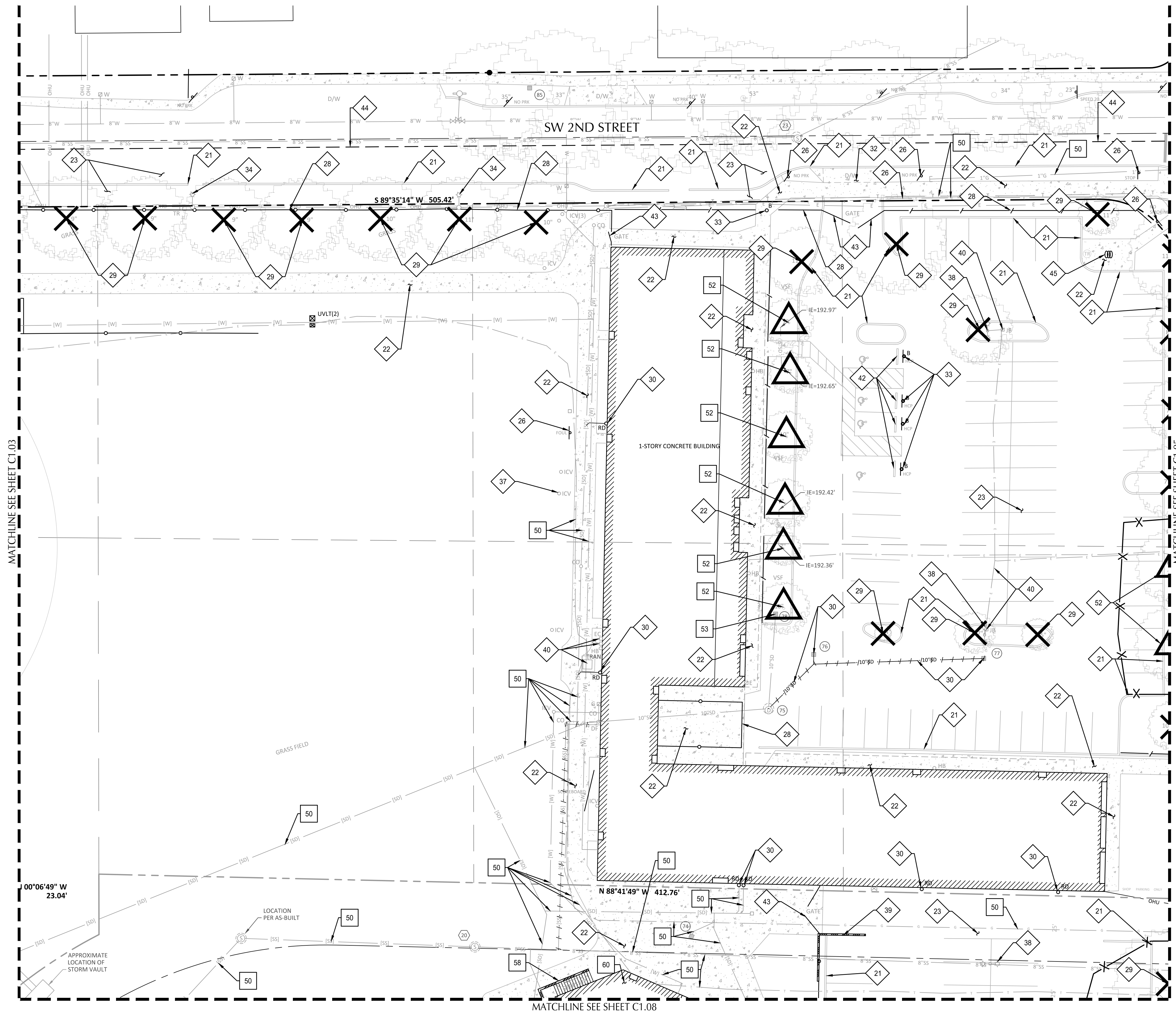


revisions	

phase	LAND USE RESUBMITTAL SET
date	08/11/2023
project	21016

DEMO PLAN
C1.03

File: N:\c\2023\12\100178-hs\beaverton-hs\CAD\PL012100178-C-1.1-EX.dwg TAB:C1.04
 Plotted: 8/9/23 at 3:36pm By: dneadecker



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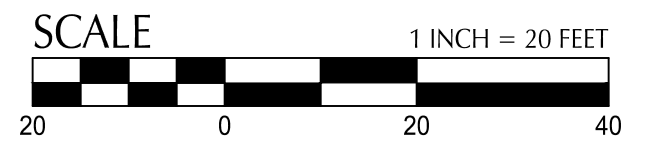
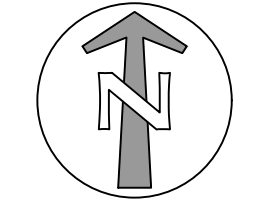
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SEE SHEET C1.01 FOR EXISTING CONDITIONS LEGEND



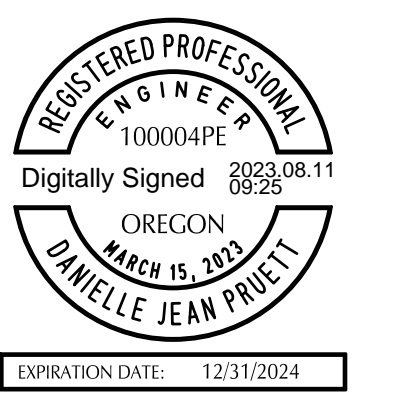
111 SW Fifth Ave., Suite 2600
 Portland, OR 97204
 O: 503.542.3868
 F: 503.274.4681
www.kpff.com

BEAVERTON HIGH SCHOOL REBUILD

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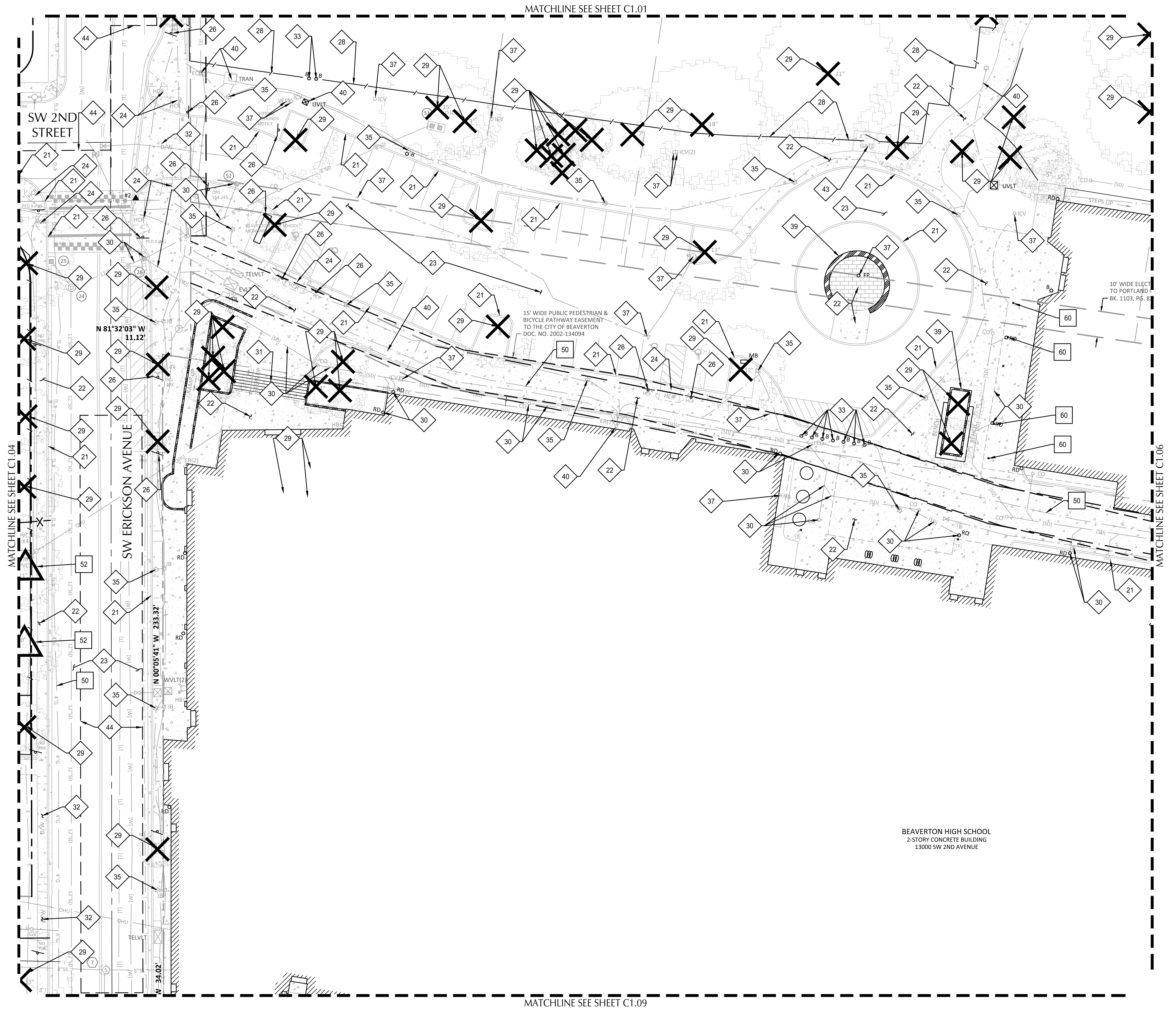


revisions	

phase	LAND USE SUBMITTAL SET
date	08/11/2023
project	21016

DEMO PLAN
C1.04

File: N:\c\2023\12\100178-hs-beaverton-hs\CAD\PL012100178-C-1.1-EX.dwg TAB:C1.05
Plotted: 8/9/23 at 3:36pm By: dneadecker



MATCHLINE SEE SHEET C1.01

MATCHLINE SEE SHEET C1.04

MATCHLINE SEE SHEET C1.06

MATCHLINE SEE SHEET C1.09

BEAVERTON HIGH SCHOOL
2-STORY CONCRETE BUILDING
13000 SW 2ND AVENUE

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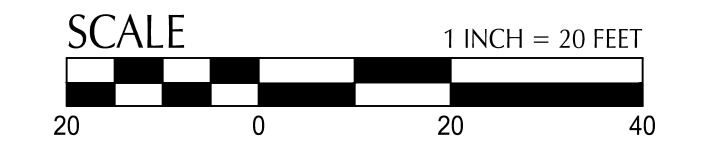
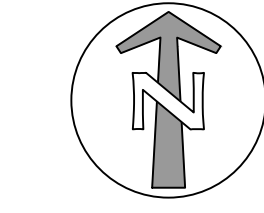
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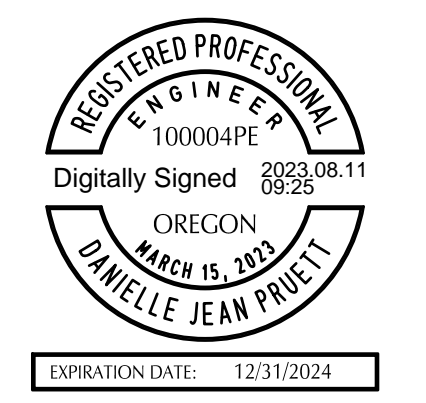


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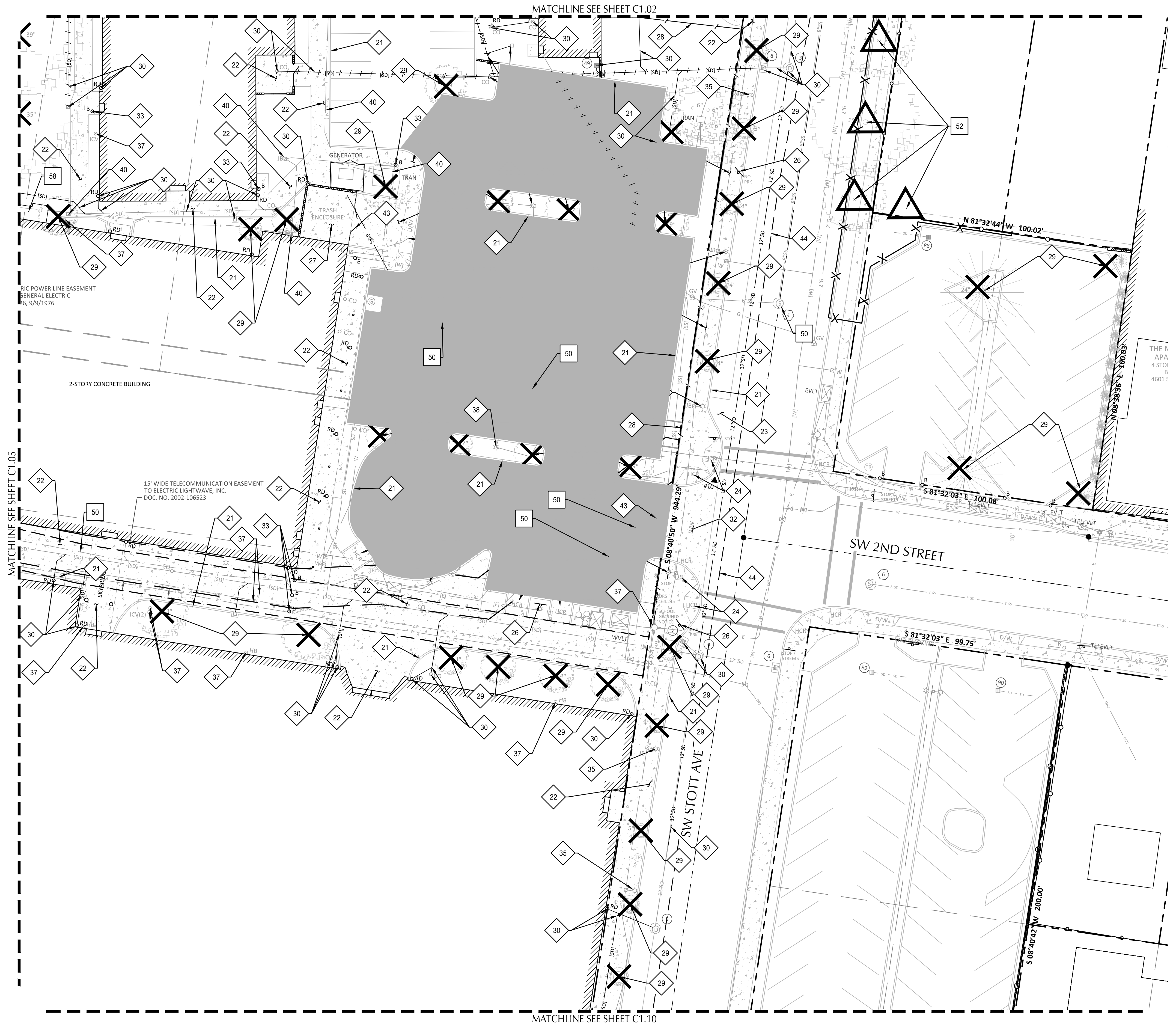


revisions	

phase	LAND USE RESUBMITTAL SET
date	08/11/2023
project	21016

DEMO PLAN

C1.05



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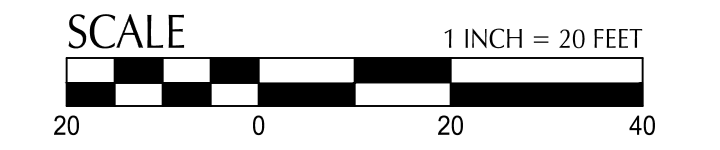
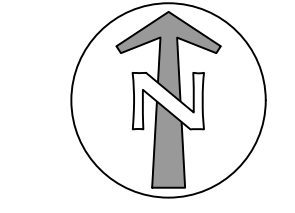
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SHEET LEGEND

- PROPERTY LINE
- DEMOLITION/WORK LIMITS (SHOWN OFFSET FOR CLARITY)
- SAWCUT LINE
- REMOVE OR ABANDON UTILITY LINE IN PLACE
- REMOVE TREE
- EXISTING GRADE CONTOUR
- PROTECT TREE
- TREE PROTECTION FENCE



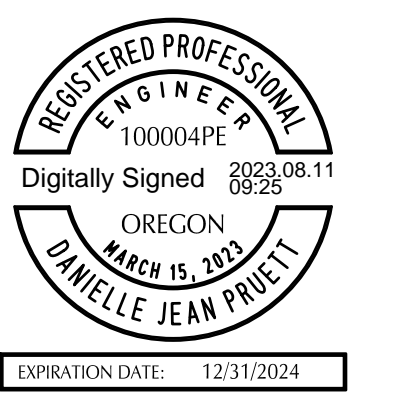
SEE SHEET C1.01 FOR EXISTING CONDITIONS LEGEND

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BEAVERTON SCHOOL DISTRICT

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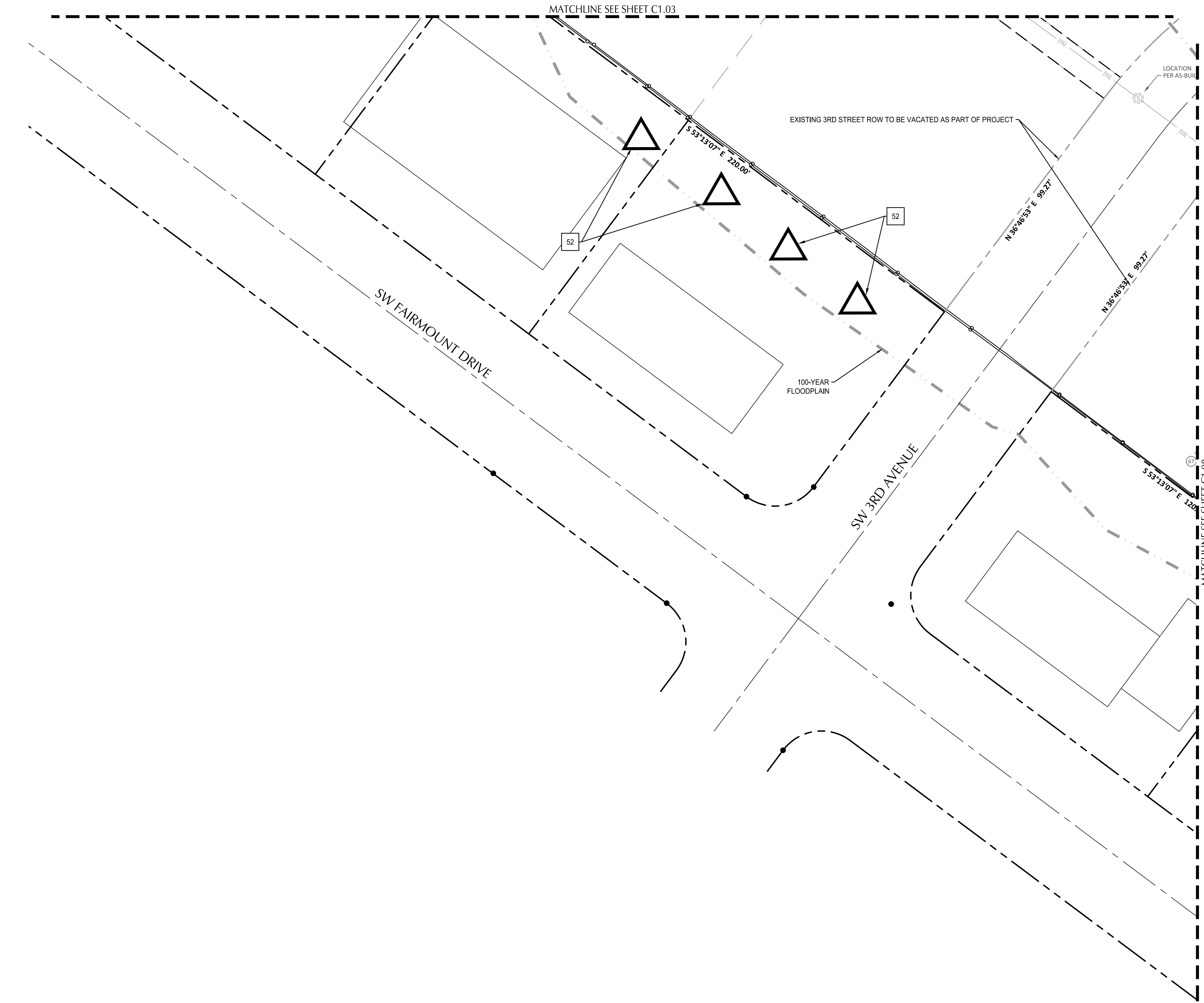
revisions	

phase	LAND USE RESUBMITTAL SET
date	08/11/2023
project	21016

DEMO PLAN

C1.06

File: N:\c\2023\12\100178-hs\beaverton-hs\CAD\PLOT\100178-C-1-EX.dwg TAB:C1.07
 Plotted: 8/9/23 at 3:37pm By: dneidecker



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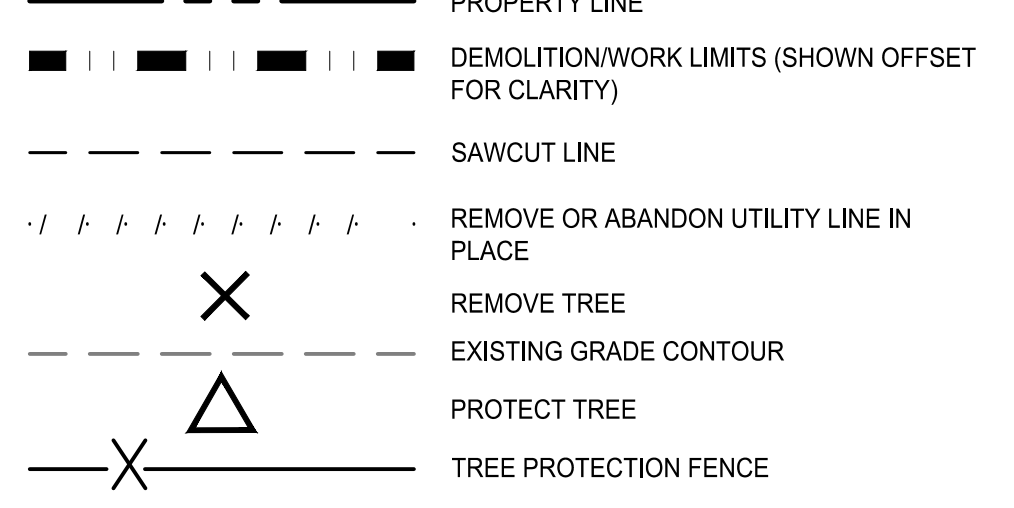
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SHEET LEGEND



SEE SHEET C1.01 FOR EXISTING CONDITIONS LEGEND



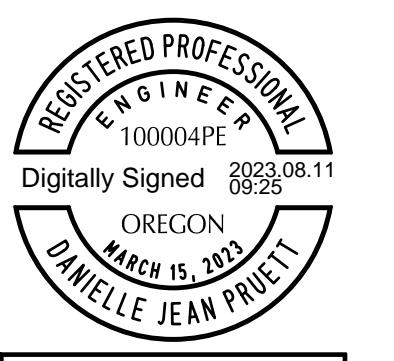
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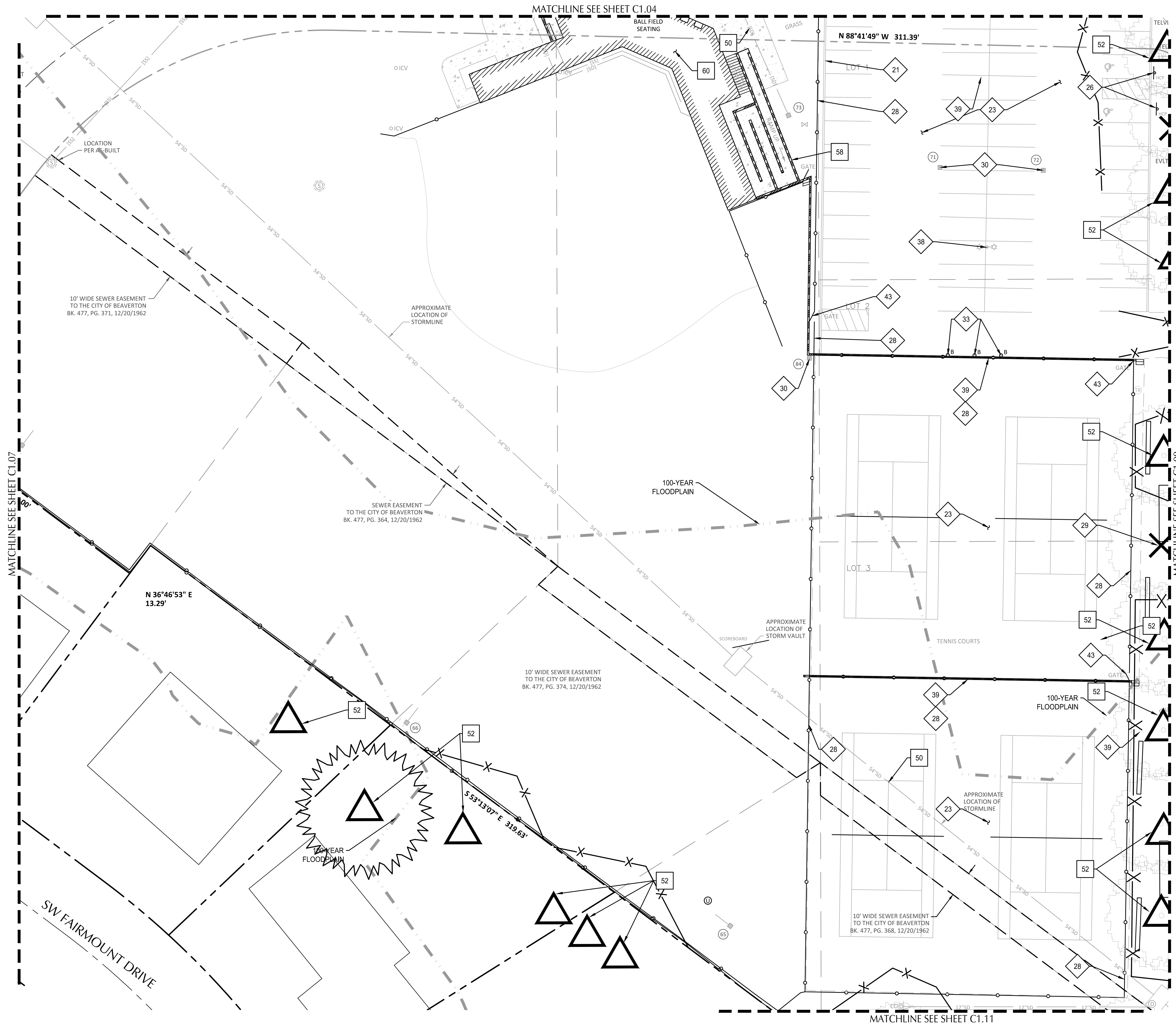


revisions	

phase	LAND USE RESUBMITTAL SET
date	08/11/2023
project	21016

DEMO PLAN
C1.07

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 Plotted: 8/9/23 at 3:37pm By: dneidecker



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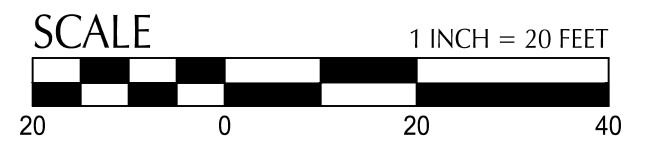
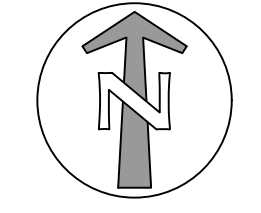
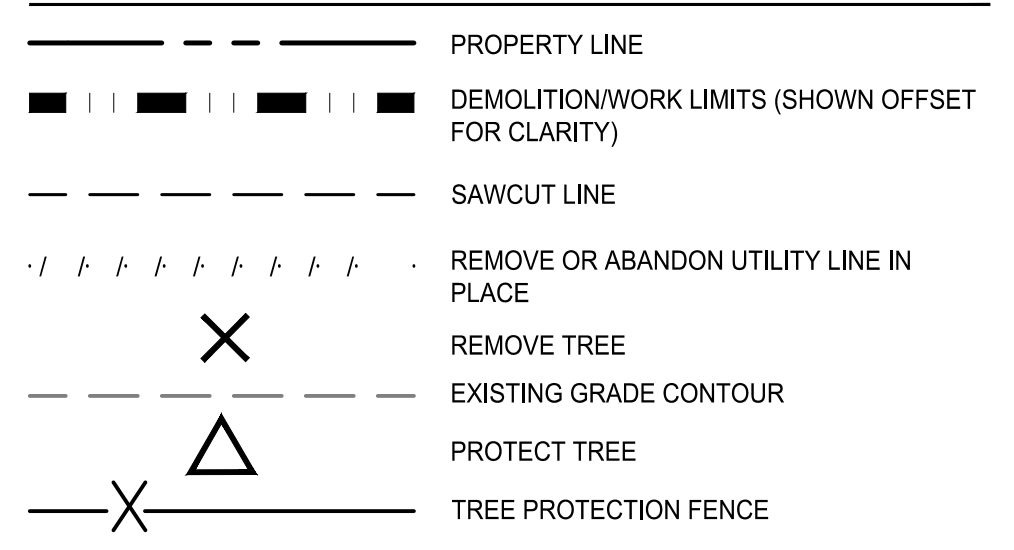
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SHEET LEGEND



SEE SHEET C1.01 FOR EXISTING CONDITIONS LEGEND



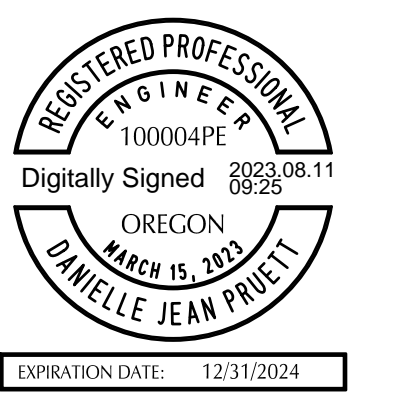
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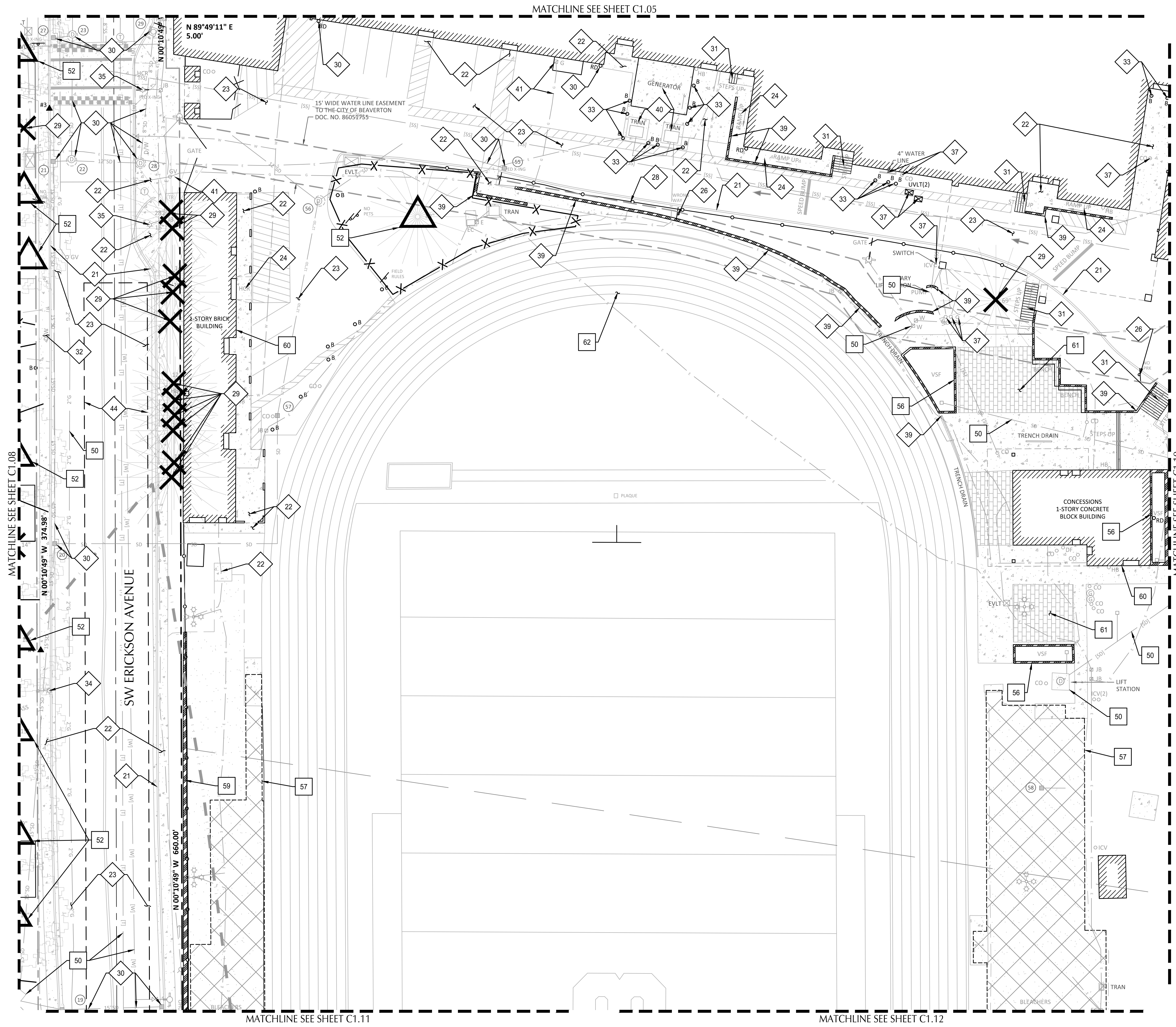


revisions	

phase	LAND USE RESUBMITTAL SET
date	08/11/2023
project	21016

DEMO PLAN
C1.08

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 Plotted: 8/9/23 at 3:37pm By: dneadecker



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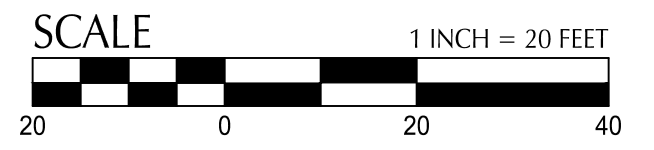
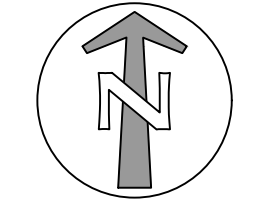
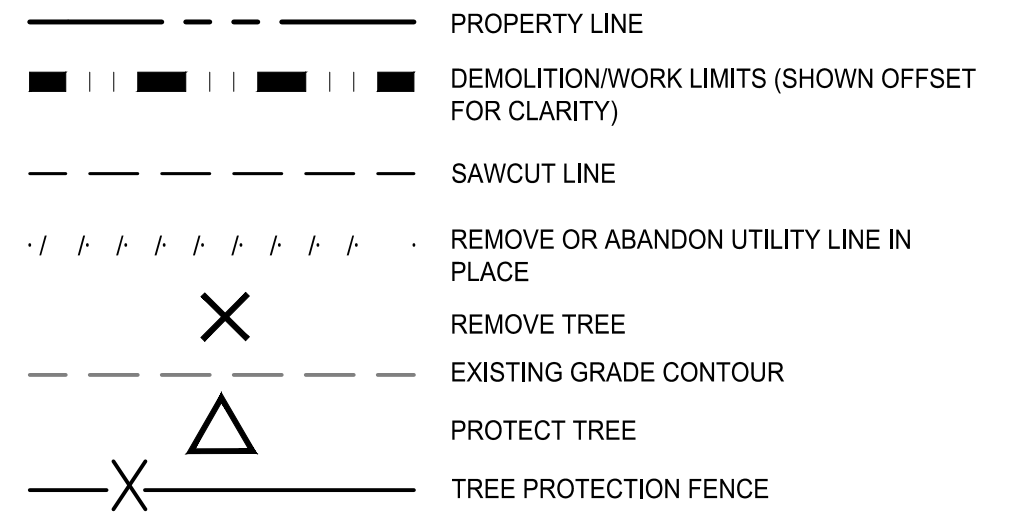
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SHEET LEGEND



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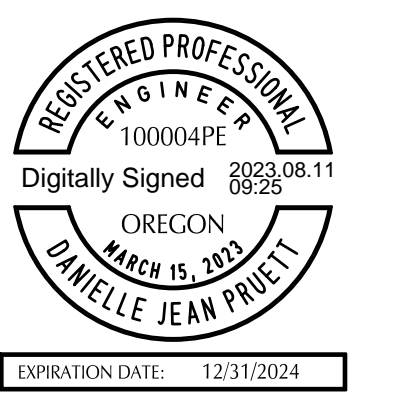
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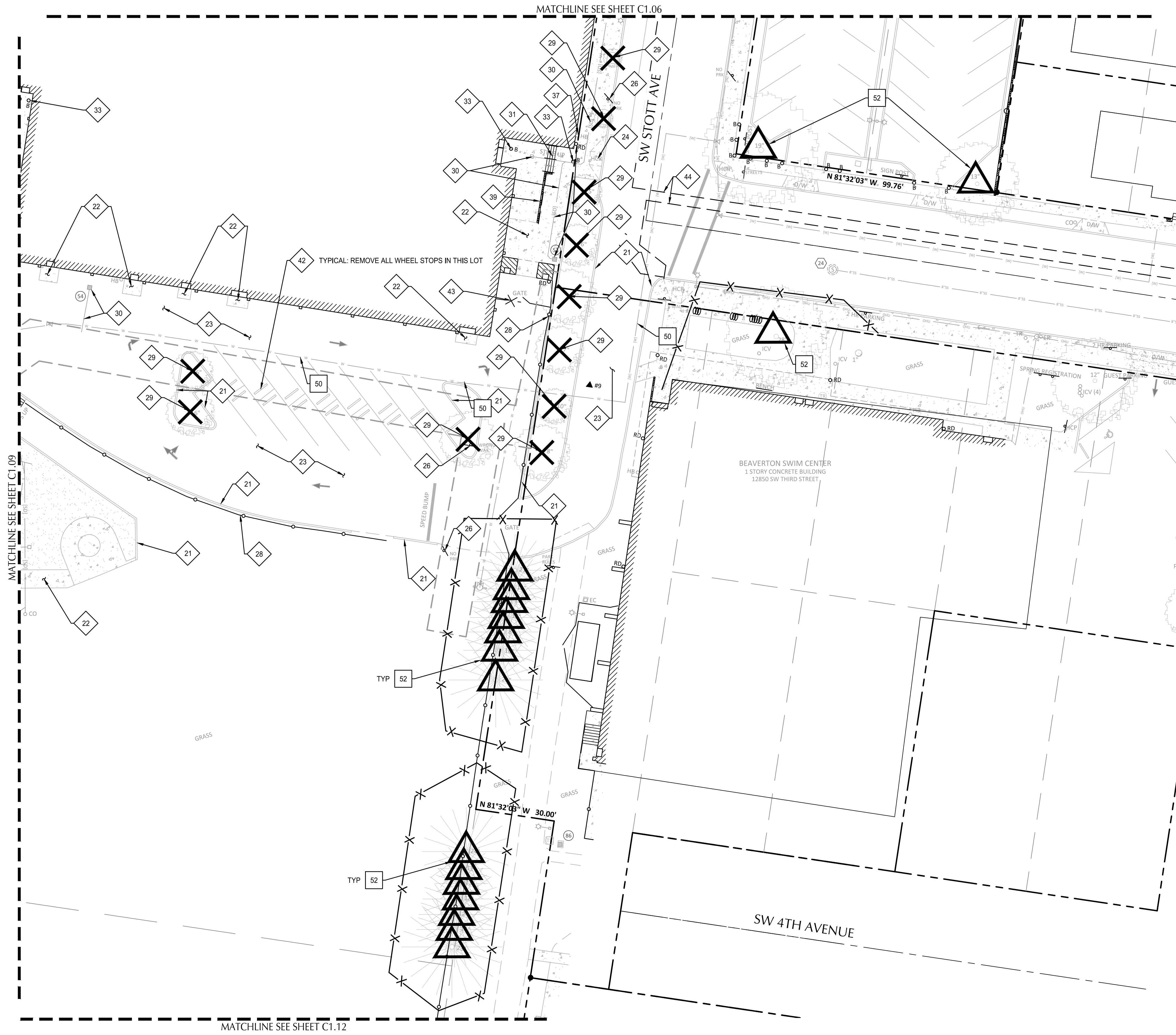
revisions	

phase	LAND USE RESUBMITTAL SET
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project	21016

DEMO PLAN

C1.09

File: N:\c\2023\12\100178-hs\beaverton-hs\CAD\PL012100178-C-1.1-EX.dwg TAB:C1.10
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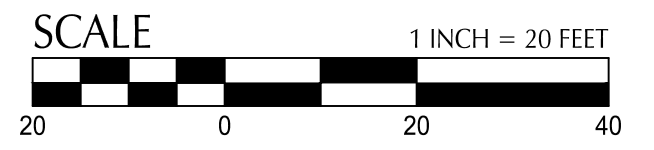
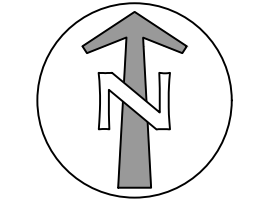
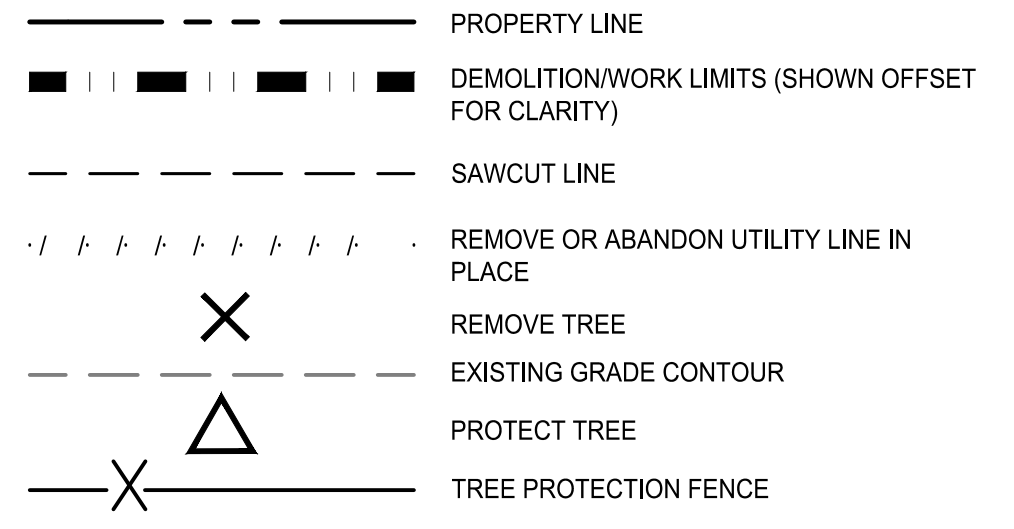
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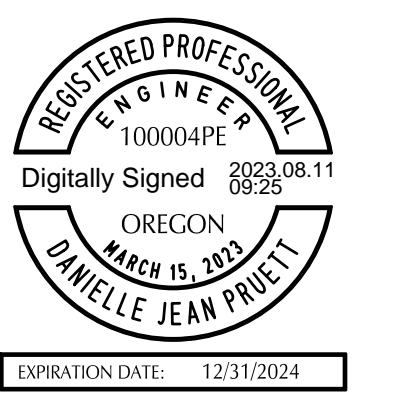
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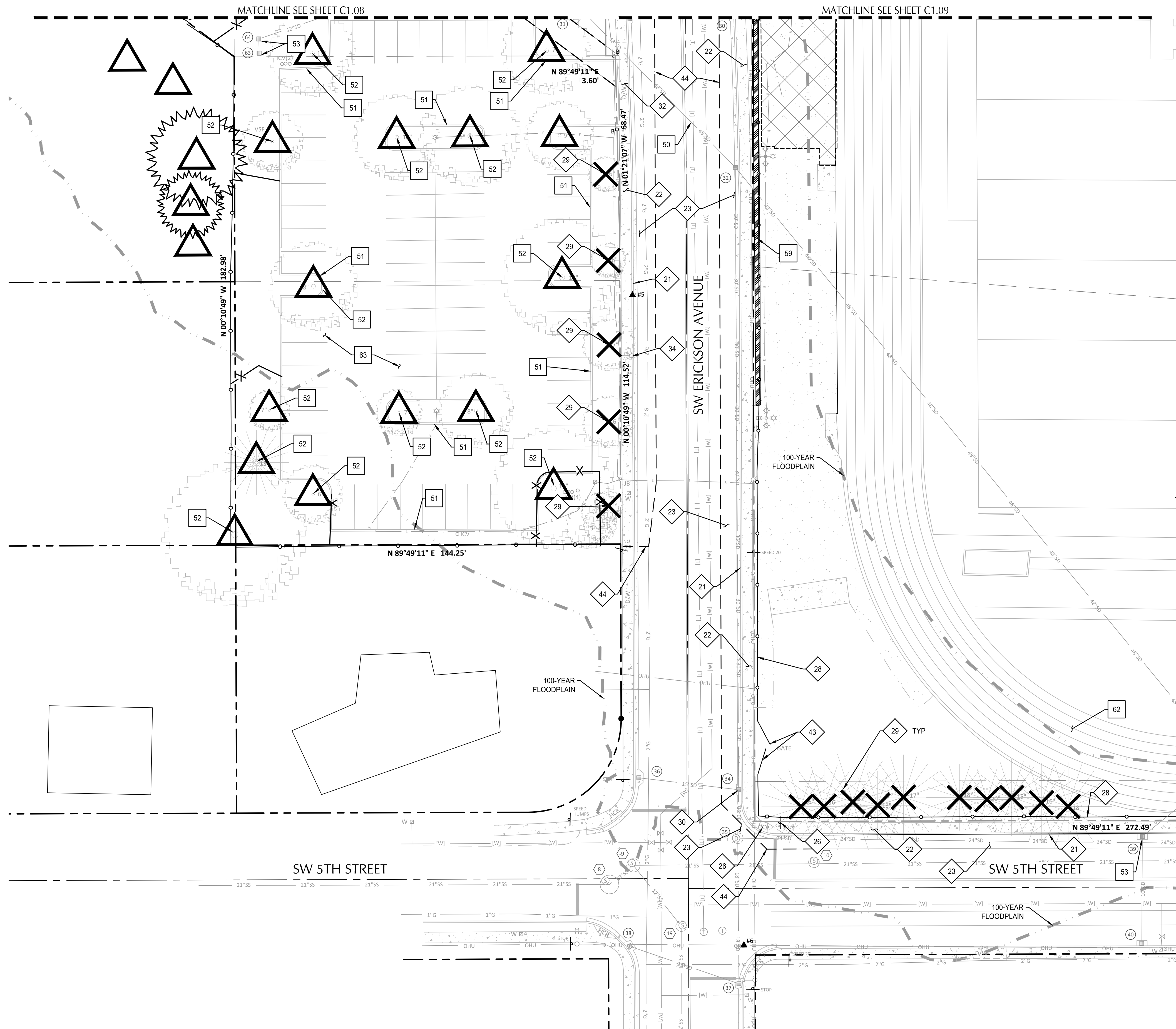
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revisions	

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DEMO PLAN
C1.10



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7. PROTECT STRUCTURES, UTILITIES, SIDEWALKS, AND OTHER FACILITIES IMMEDIATELY ADJACENT TO EXCAVATIONS FROM DAMAGES CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT AND OTHER HAZARDS.
8. SAWCUT STRAIGHT LINES IN SIDEWALK, AS NECESSARY.
9. CONTRACTOR IS RESPONSIBLE TO CONTROL DUST AND MUD DURING THE DEMOLITION PERIOD, AND DURING TRANSPORTATION OF DEMOLITION DEBRIS. ALL STREET SURFACES OUTSIDE THE CONSTRUCTION ZONE MUST BE KEPT CLEAN.
10. THE CONTRACTOR SHALL SEAL THE OPEN ENDS OF ALL PIPES, FITTINGS, ETC. THAT ARE TO BE ABANDONED WITH AN END CAP, COUPLING, OR A CONCRETE PLUG WITH A THICKNESS EQUAL TO THE DIAMETER OF THE PIPE. THE PUBLIC WORKS DEPARTMENT REQUIRES THAT ALL ABANDONED PIPING BE SEVERED AS CLOSE TO ACTIVE PIPING AS PRACTICAL.

X DEMOLITION KEY NOTES

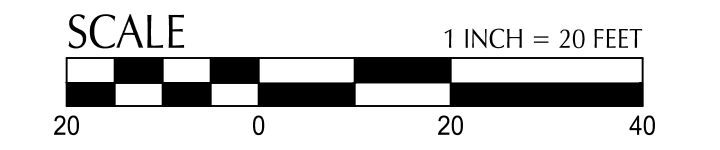
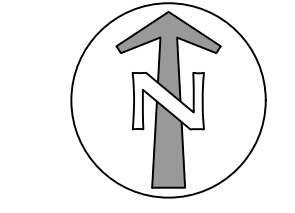
- 20 SAWCUT LINE
- 21 REMOVE CONCRETE CURB
- 22 REMOVE CONCRETE SIDEWALK
- 23 REMOVE PAVEMENT
- 24 REMOVE CONCRETE ADA RAMP
- 25 REMOVE ADA PARKING STRIPING/SYMBOL
- 26 REMOVE SIGN
- 27 REMOVE TRASH ENCLOSURE AND CONCRETE PAD
- 28 REMOVE FENCE
- 29 REMOVE TREE - SEE LANDSCAPE PLANS
- 30 REMOVE STORM UTILITY/TRENCH DRAIN/ROOF DRAIN
- 31 REMOVE CONCRETE STAIRS
- 32 REMOVE CONCRETE DRIVEWAY
- 33 REMOVE BOLLARD
- 34 DISCONNECT AND REMOVE COBRA HEAD ARM MOUNTED STREET LIGHT
- 35 DISCONNECT AND REMOVE ACORN ORNAMENTAL STREET LIGHT
- 36 REMOVE SANITARY LINE/CLEANOUT
- 37 REMOVE FIRE/WATER/IRRIGATION STRUCTURE/LINE
- 38 REMOVE LIGHT FIXTURE
- 39 REMOVE CONCRETE WALL
- 40 REMOVE ELECTRICAL BOX/LINE
- 41 REMOVE GAS LINE/METER/VALVE
- 42 REMOVE WHEEL STOP
- 43 REMOVE GATE
- 44 PUBLIC WORK SAWCUT. SEE PUBLIC SHEETS.
- 45 REMOVE BIKE RACK

X PROTECTION KEY NOTES

- 50 PROTECT UNDERGROUND UTILITIES
- 51 PROTECT CURB AND SIDEWALK
- 52 PROTECT TREE - SEE LANDSCAPE PLANS
- 53 PROTECT CATCH BASIN
- 54 PROTECT LIGHT
- 55 PROTECT MONUMENTATION
- 56 PROTECT EXISTING LIDA STRUCTURE
- 57 PROTECT EXISTING STADIUM
- 58 PROTECT EXISTING CONC. STAIRS/RAMP
- 59 PROTECT EXISTING WALL
- 60 PROTECT EXISTING STRUCTURE
- 61 PROTECT OR SALVAGE & REUSE EXISTING PAVERS
- 62 PROTECT TRACK
- 63 PROTECT PAVEMENT

SHEET LEGEND

- PROPERTY LINE
- DEMOLITION/WORK LIMITS (SHOWN OFFSET FOR CLARITY)
- SAWCUT LINE
- - - REMOVE OR ABANDON UTILITY LINE IN PLACE
- X REMOVE TREE
- - - EXISTING GRADE CONTOUR
- △ PROTECT TREE
- X TREE PROTECTION FENCE



SEE SHEET C1.01 FOR EXISTING CONDITIONS LEGEND



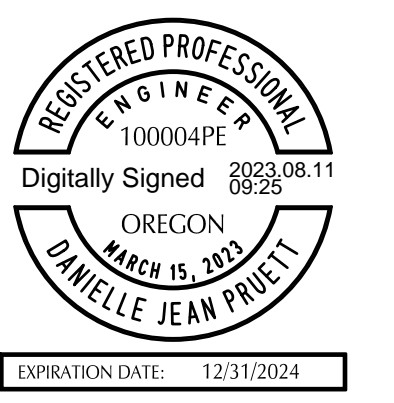
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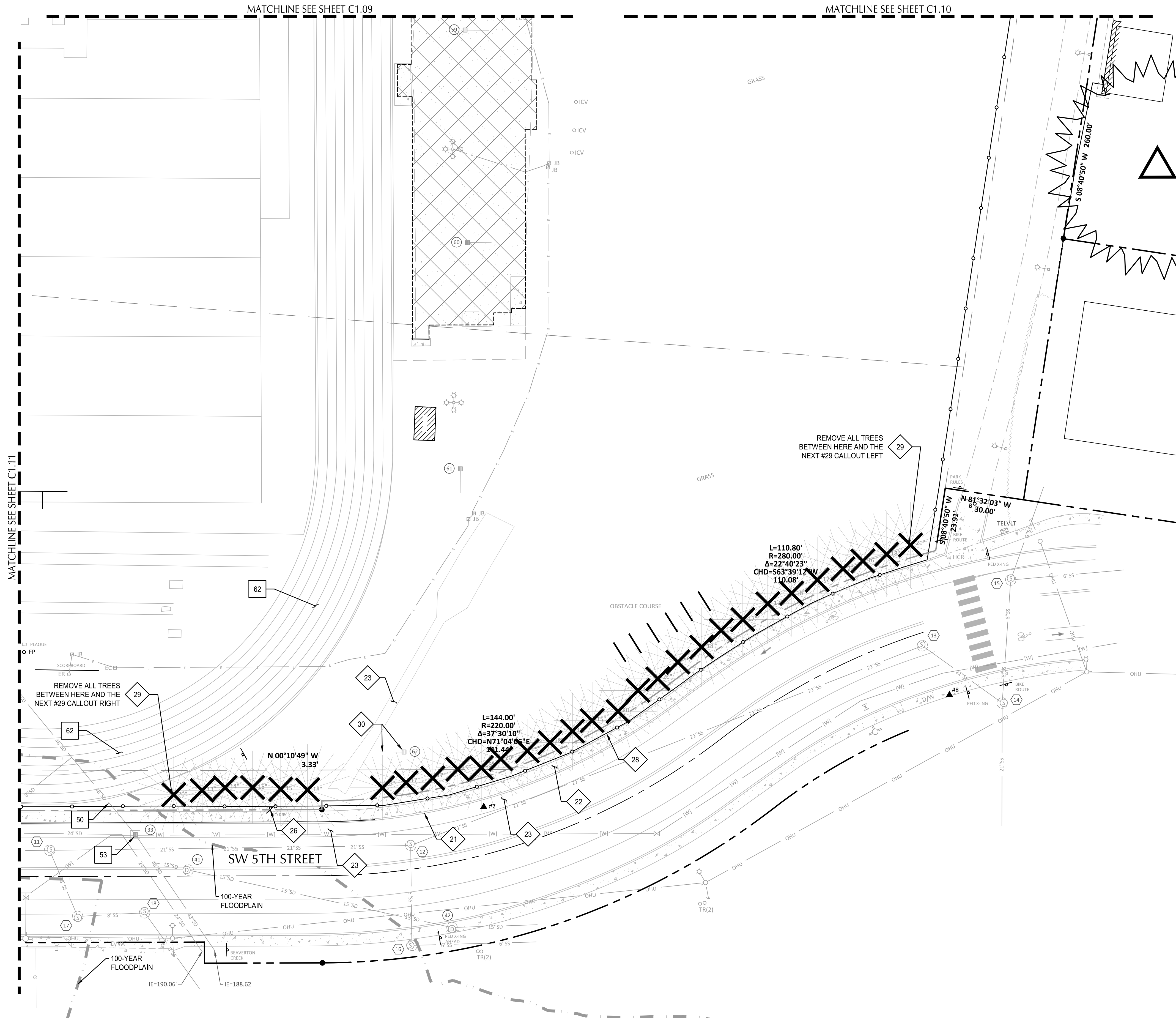


revisions	

phase	LAND USE RESUBMITTAL SET
date	08/11/2023
project	21016

DEMO PLAN
C1.11

File: N:\c\2023\12\100178-hs\beaverton-hs\CAD\PL012100178-C-1.1-EX.dwg TAB:C1.12
 Plotted: 8/9/23 at 3:37pm By: dneidecker



SHEET NOTES

1. CONTRACTOR MAY STAGE WITHIN LIMITS OF DEMOLITION.
2. REMOVE ALL SITE COMPONENTS AND RECYCLE COMPONENTS AS REQUIRED IN THE SPECIFICATIONS.
3. GENERAL DEMOLITION PERMIT SHALL BE SECURED BY THE CONTRACTOR.
4. ALL TRADE LICENSES AND PERMITS NECESSARY FOR THE PROCUREMENT AND COMPLETION OF THE WORK SHALL BE SECURED BY THE CONTRACTOR PRIOR TO COMMENCING DEMOLITION.
5. THE CONTRACTOR SHALL PRESERVE AND PROTECT FROM DAMAGE ALL EXISTING RIGHT-OF-WAY SURVEY MONUMENTATION DURING DEMOLITION. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND PAYING FOR THE REPLACEMENT BY A LICENSED SURVEYOR OF ANY DAMAGED OR REMOVED MONUMENTS.
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7. PROTECT STRUCTURES, UTILITIES, SIDEWALKS, AND OTHER FACILITIES IMMEDIATELY ADJACENT TO EXCAVATIONS FROM DAMAGES CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT AND OTHER HAZARDS.
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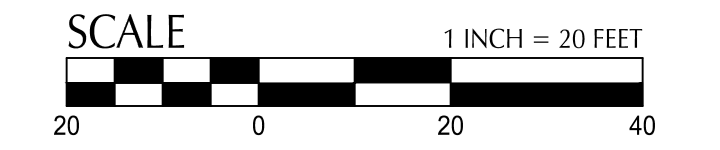
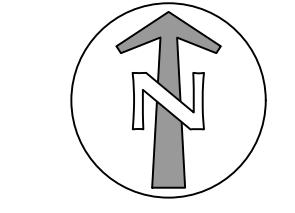
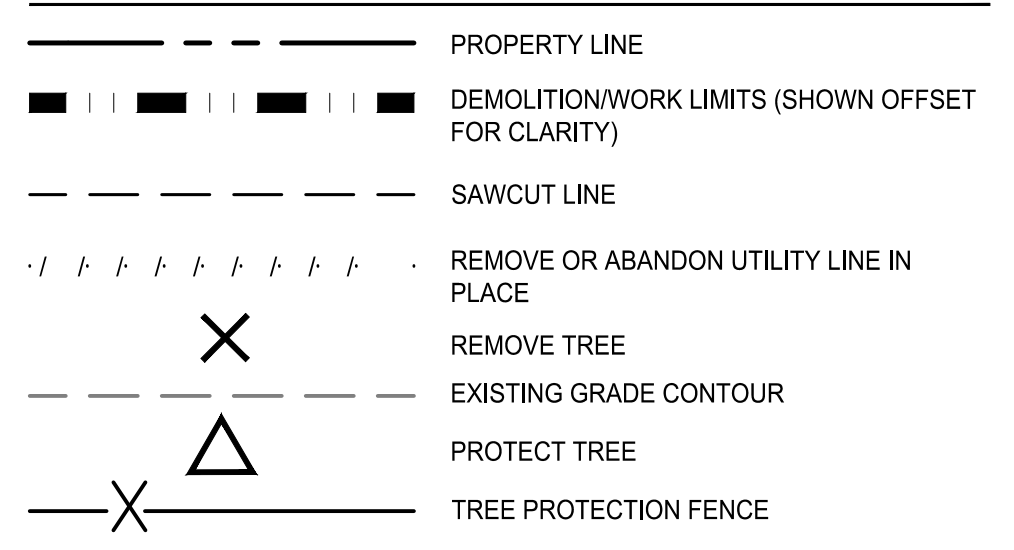
DEMOLITION KEY NOTES

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SHEET LEGEND



SEE SHEET C1.01 FOR EXISTING CONDITIONS LEGEND



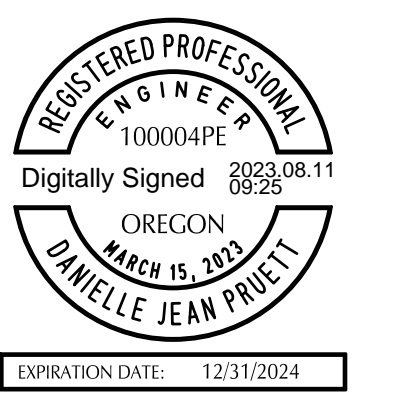
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revisions	

phase	LAND USE SUBMITTAL SET
date	08/11/2023
project	21016

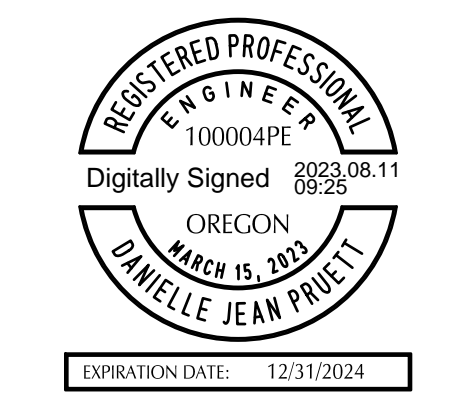
DEMO PLAN
C1.12

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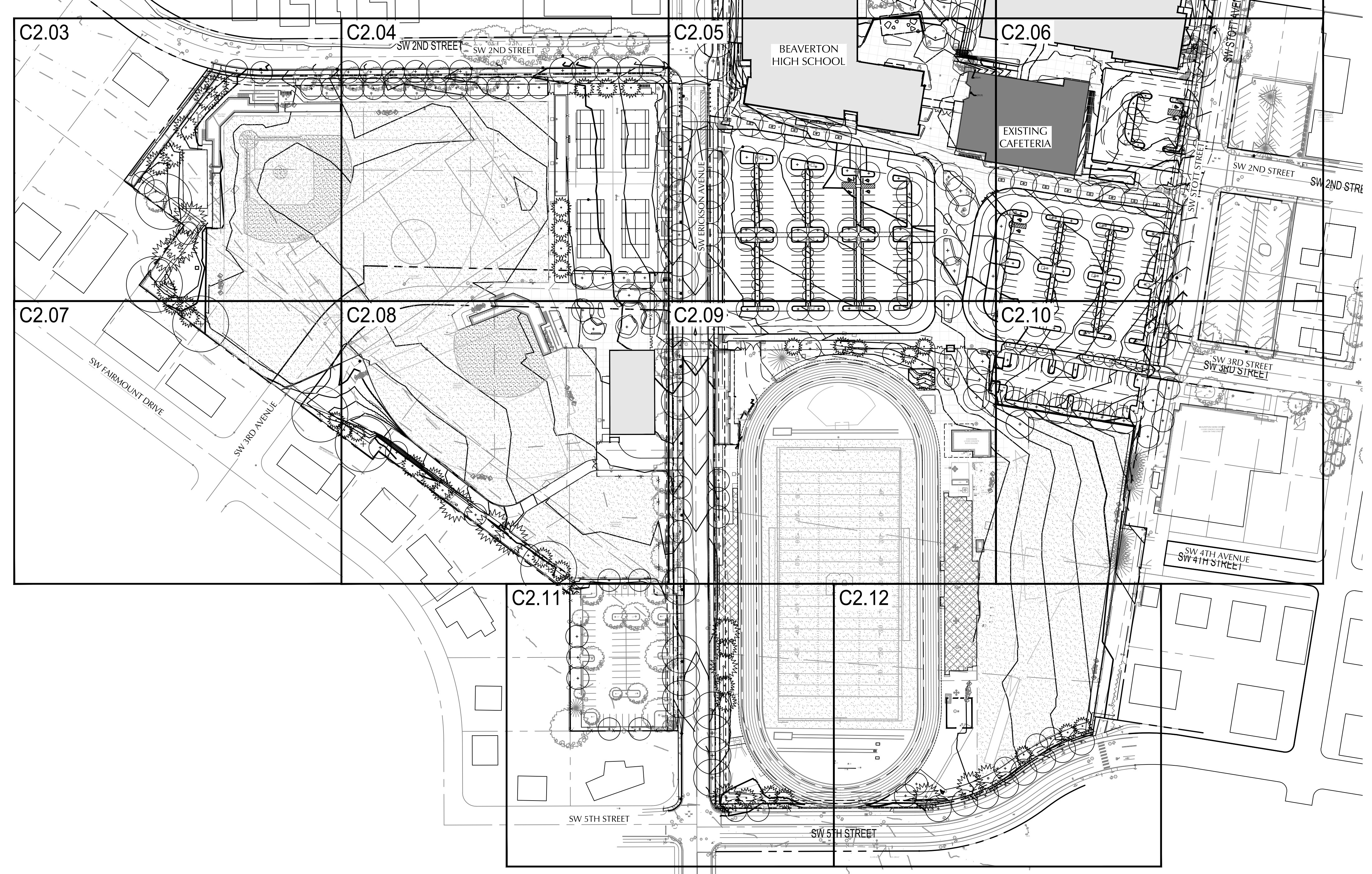
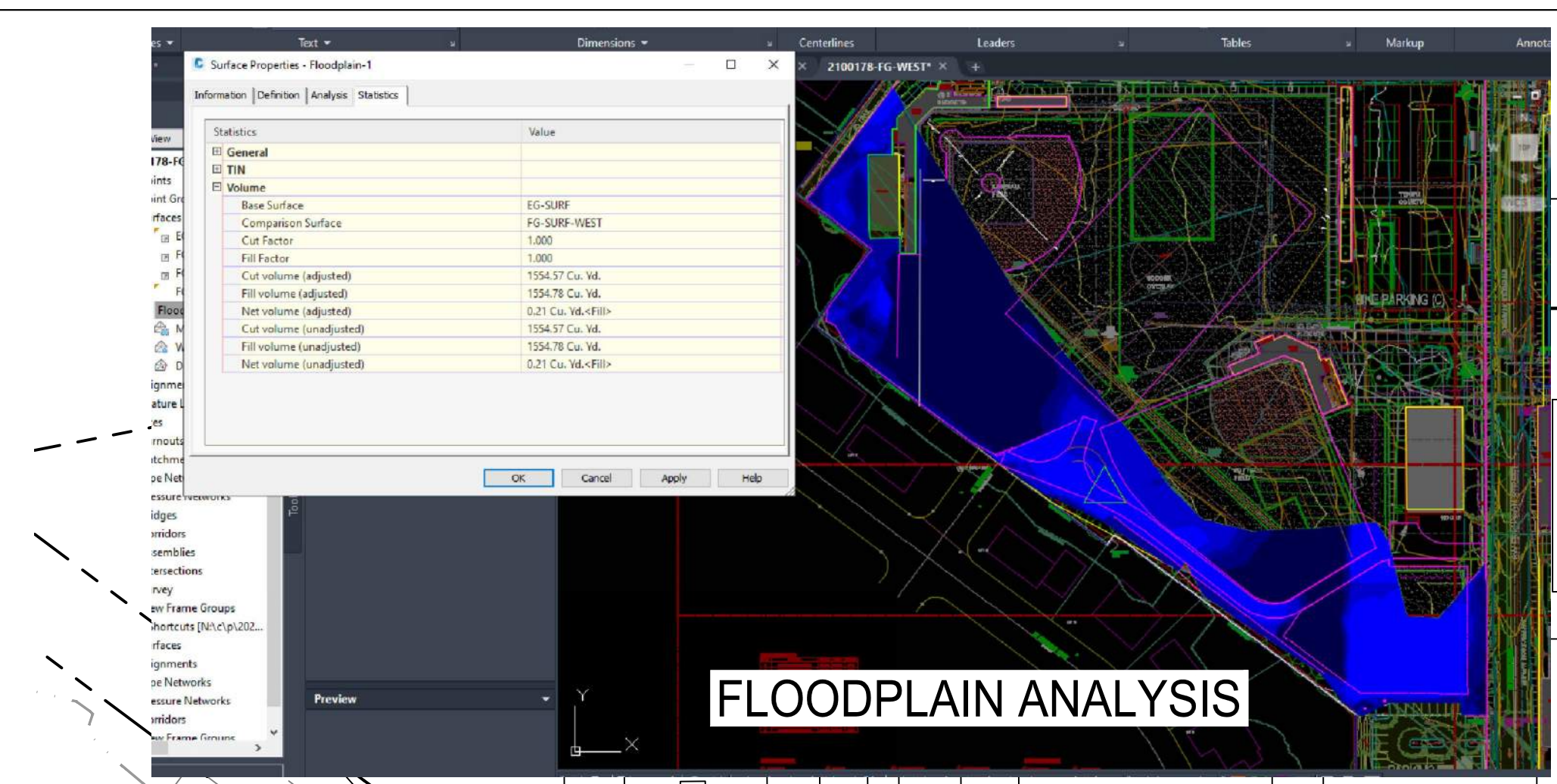
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revisions	

phase	LAND USE RESUBMITTAL SET
date	08/11/2023
project	21016

GRADING OVERVIEW
C2.00

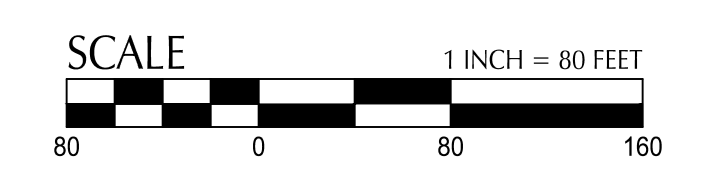
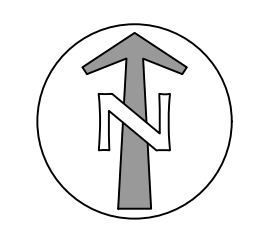


SHEET LEGEND
--- GRADING LIMIT

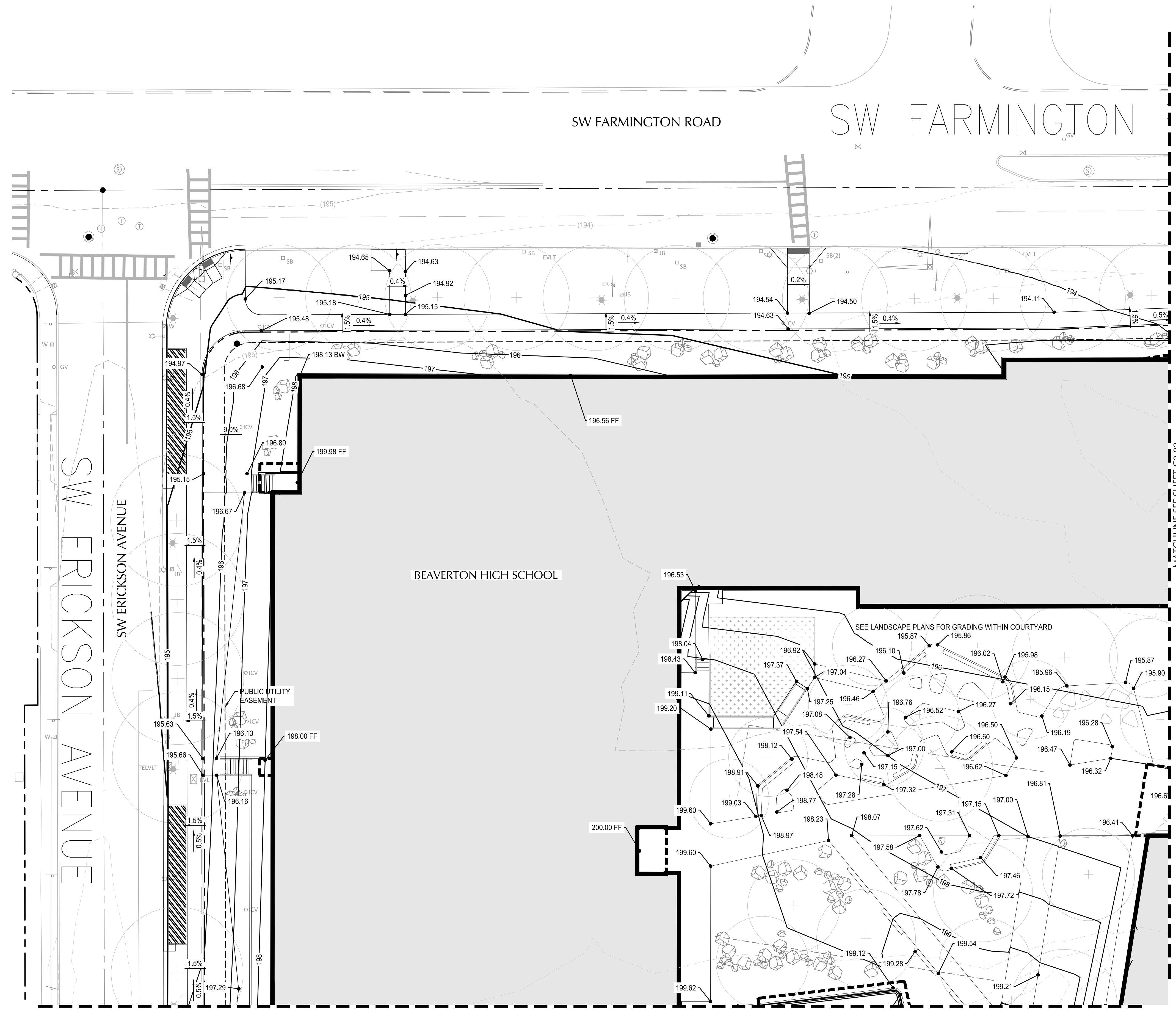
EXISTING STRUCTURES WITHIN WORK AREA TO BE REMOVED UNDER SEPARATE PERMIT PRIOR TO MASS GRADING. SEE SHEET C1.01 TO C1.12 FOR DEMOLITION PLAN.

SITE AREA: 24.7 ACRES
TOTAL MASS GRADING
DISTRIBUED AREA = 25.8 ACRES

CONTOURS SHOWN ARE FINISH GRADE.
SEE ARCHITECTURAL PLANS FOR BUILDING SLAB DETAILS.
SEE LANDSCAPE PLANS FOR CONCRETE SECTIONS AND TOPSOIL SECTIONS.
SEE LANDSCAPE SHEETS FOR DETAILED GRADING INFORMATION.
SEE LANDSCAPE SHEETS FOR TREE PROTECTION PLAN.
SEE UTILITY SHEETS FOR LOCATION OF WATER QUALITY AND DETENTION FACILITIES.
SEE EC6.01-EC6.04 FOR EROSION CONTROL INFORMATION.



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 Plotted: 8/9/23 at 3:38pm By: dneadecker



SHEET NOTES

- SLOPES PROVIDED ON SLOPE ARROW ARE FOR REFERENCE ONLY.
- LANDINGS ON ACCESSIBLE ROUTES SHALL NOT EXCEED 2% IN ANY DIRECTION.
- ALL ACCESSIBLE ROUTES SHALL COMPLY WITH CURRENT ADA ACCESSIBILITY GUIDELINES FOR BUILDING AND FACILITIES (ADAAG).

KEY NOTES

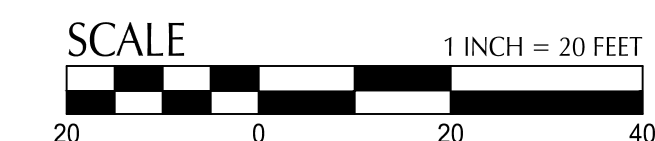
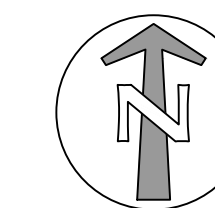
- A LANDING AT EX. DOOR. TYPICAL GRADING SHALL BE: TOP OF CONCRETE OUTSIDE DOOR = FFE MINUS 0.02-FT. SLOPE CONCRETE 1.5% AWAY FROM BLDG. (SPOT ELEVATIONS MAY NOT BE CORRECT, NOTIFY ENGINEER OF DISCREPANCIES)
- B LANDING ZONE. ACCESSIBLE ROUTE THROUGH THIS ZONE REQUIRES NO MORE THAN 2% SLOPE IN ANY DIRECTION.
- C WALKWAY SLOPES DOWN FROM LANDING ZONE AS REQUIRED TO MATCH EX. GRADE. SLOPE SHALL NOT EXCEED 5%.
- D WALKWAY REPLACEMENTS SHALL:
 - BE REINSTALLED IN EXISTING LOCATIONS, UNLESS NOTED OTHERWISE.
 - MAINTAIN 1.5% TYPICAL CROSS-SLOPE TO ALLOW DRAINAGE (2% MAX.).
 - RUNNING SLOPE SHALL NOT EXCEED 4.5% UNLESS NOTED OTHERWISE
- E WALKWAY RAMP ZONE. RISE >6" AND SLOPES >5% REQUIRES HANDRAILS BOTH SIDES PER ARCH DETAILS.
- F INSTALL ALUMINUM RAMP, STAIRS, AND LANDING IF SHOWN. RAMP SHALL NOT EXCEED 7.5% AND SHALL BE A MINIMUM OF 4' IN WIDTH PER ARCH DETAILS.
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GRADING LABEL LEGEND

CALLOUT	DESCRIPTION
[X.X%]	SLOPE ORIENTATION INDICATING DIRECTION OF MAXIMUM GRADE (DOWNHILL)
[ELEVATION]	SPOT ELEVATION DESCRIPTION LISTED BELOW. NO DESCRIPTION MEANS TP OR TG
XX.XX XX	BOW BS BW EG FF G HP LP RIM TC TG TP TS TW
(XXX.X±)	EXISTING GRADE (MATCH WHERE APPLICABLE)

SHEET LEGEND

[Arrow]	DRAINAGE FLOW DIRECTION
[Dashed Line]	GRADE BREAK
[Dashed Line]	SAWCUT LINE
[Dashed Line]	EX. CONTOUR MINOR
[Dashed Line]	EX. CONTOUR MAJOR
[Solid Line]	CONTOUR MINOR (FG)
[Solid Line]	CONTOUR MAJOR (FG)

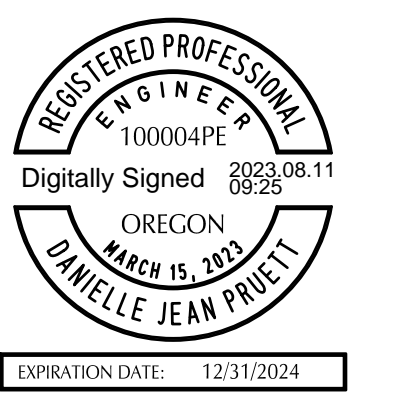


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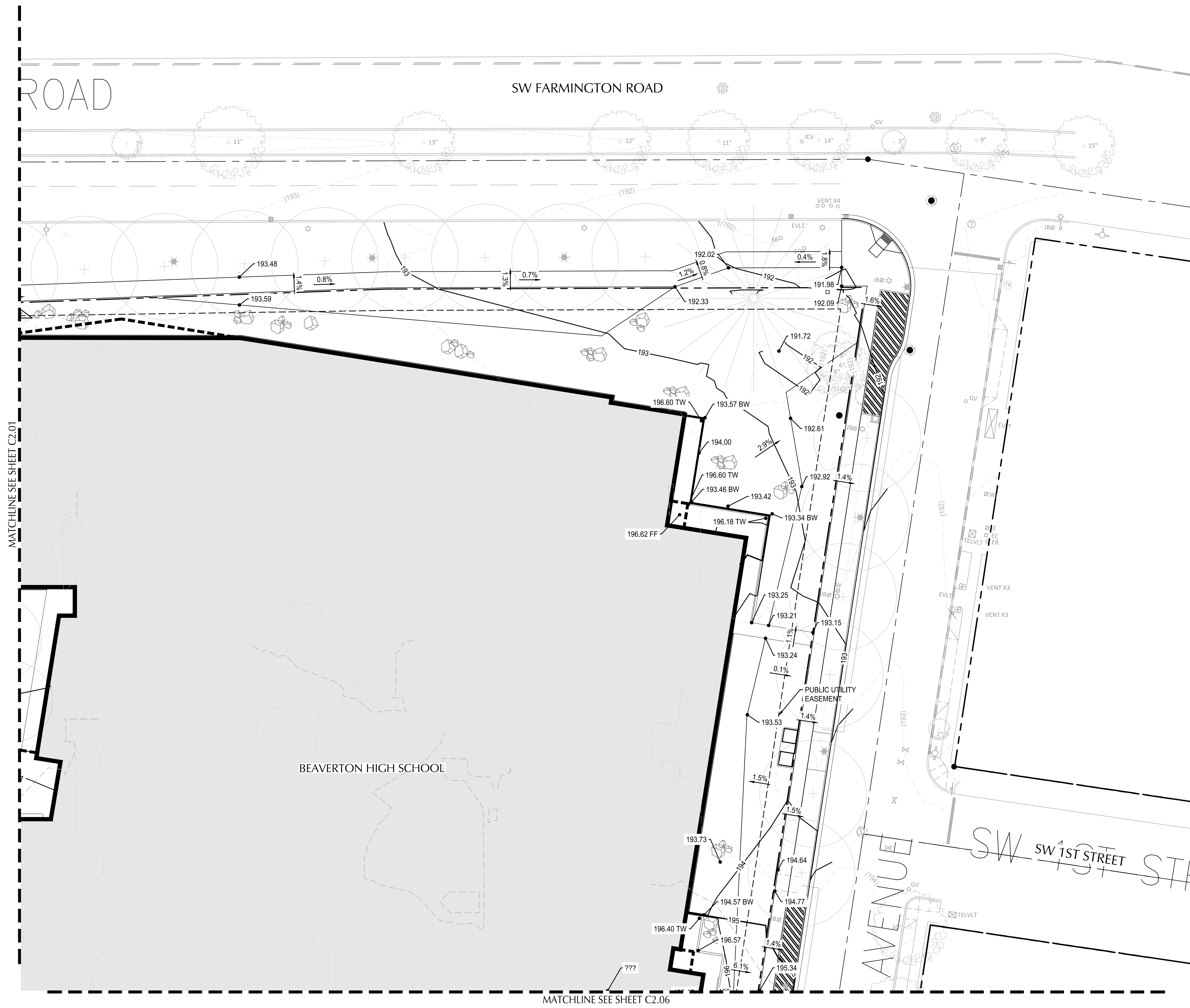
revisions	

phase	LAND USE RESUBMITTAL SET
date	08/11/2023
project	21016

GRADING PLAN

C2.01

File: N:\c\2023\12\100178-hs-beaverton-hs\CAD\LOT2\100178-C-2-1-GRAD.dwg TAB: C2.02
 Plotted: 8/9/23 at 3:38pm By: dneadecker



SHEET NOTES

- SLOPES PROVIDED ON SLOPE ARROW ARE FOR REFERENCE ONLY.
- LANDINGS ON ACCESSIBLE ROUTES SHALL NOT EXCEED 2% IN ANY DIRECTION.
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KEY NOTES

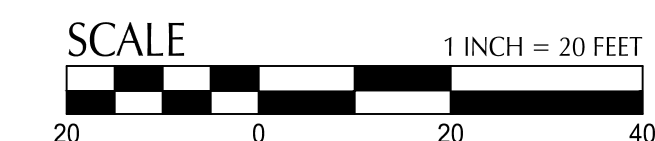
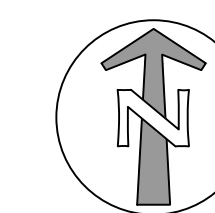
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GRADING LABEL LEGEND

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[X.X%]	SLOPE ORIENTATION INDICATING DIRECTION OF MAXIMUM GRADE (DOWNHILL)
XX.XX	SPOT ELEVATION DESCRIPTION LISTED BELOW. NO DESCRIPTION MEANS TP OR TG
BOW	BACK OF WALK
BS	BOTTOM OF STEP
BW	BOTTOM OF WALL
EG	EXISTING GRADE
FF	FINISHED FLOOR
G	GUTTER
HP	HIGH POINT
LP	LOW POINT
RIM	RIM OF STRUCTURE
TC	TOP OF CURB
TG	TOP OF GROUND
TP	TOP OF PAVEMENT
TS	TOP OF STEP
TW	TOP WALL
(XXX.X±)	EXISTING GRADE (MATCH WHERE APPLICABLE)

SHEET LEGEND

	DRAINAGE FLOW DIRECTION
	GRADE BREAK
	SAWCUT LINE
49	EX. CONTOUR MINOR
50	EX. CONTOUR MAJOR
49	CONTOUR MINOR (FG)
50	CONTOUR MAJOR (FG)

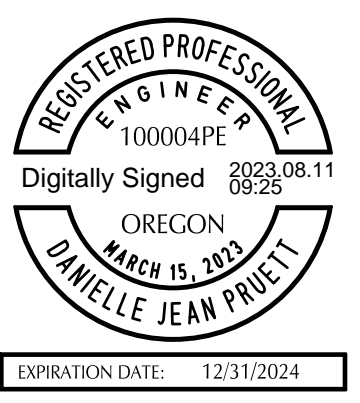


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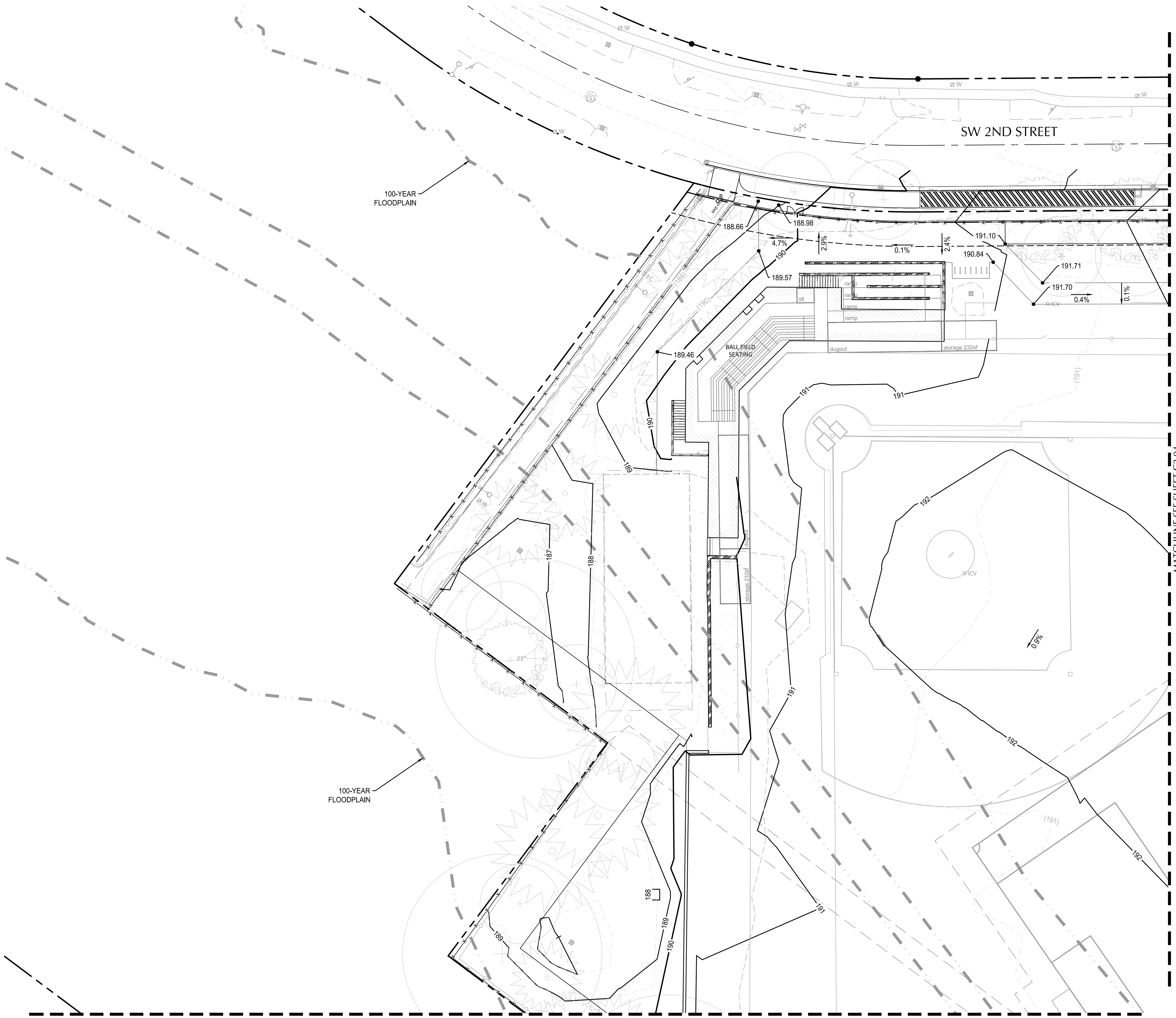


revisions	

phase	LAND USE RESUBMITTAL SET
date	08/11/2023
project	21016

GRADING PLAN
C2.02

File: N:\c\2023\12\10078-hs\beaverton-hs\CAD\PLT\210078-C-2-1-GRAD.dwg TAB C2.03
 Plotted: 8/9/23 at 3:38pm By: dneadecker



SHEET NOTES

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KEY NOTES

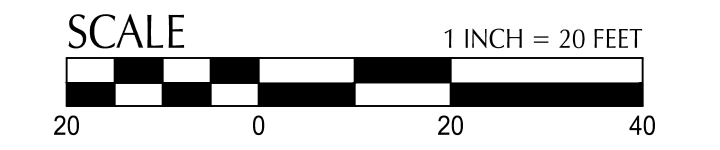
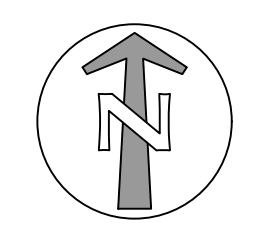
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SHEET LEGEND

	DRAINAGE FLOW DIRECTION
	GRADE BREAK
	SAWCUT LINE
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50	EX. CONTOUR MAJOR
49	CONTOUR MINOR (FG)
50	CONTOUR MAJOR (FG)

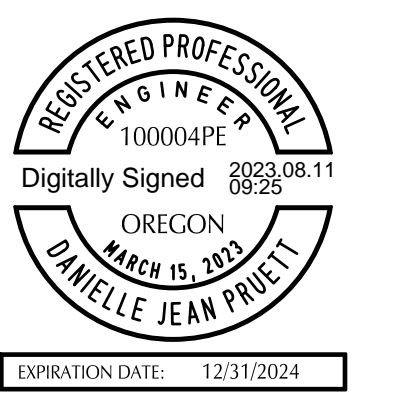


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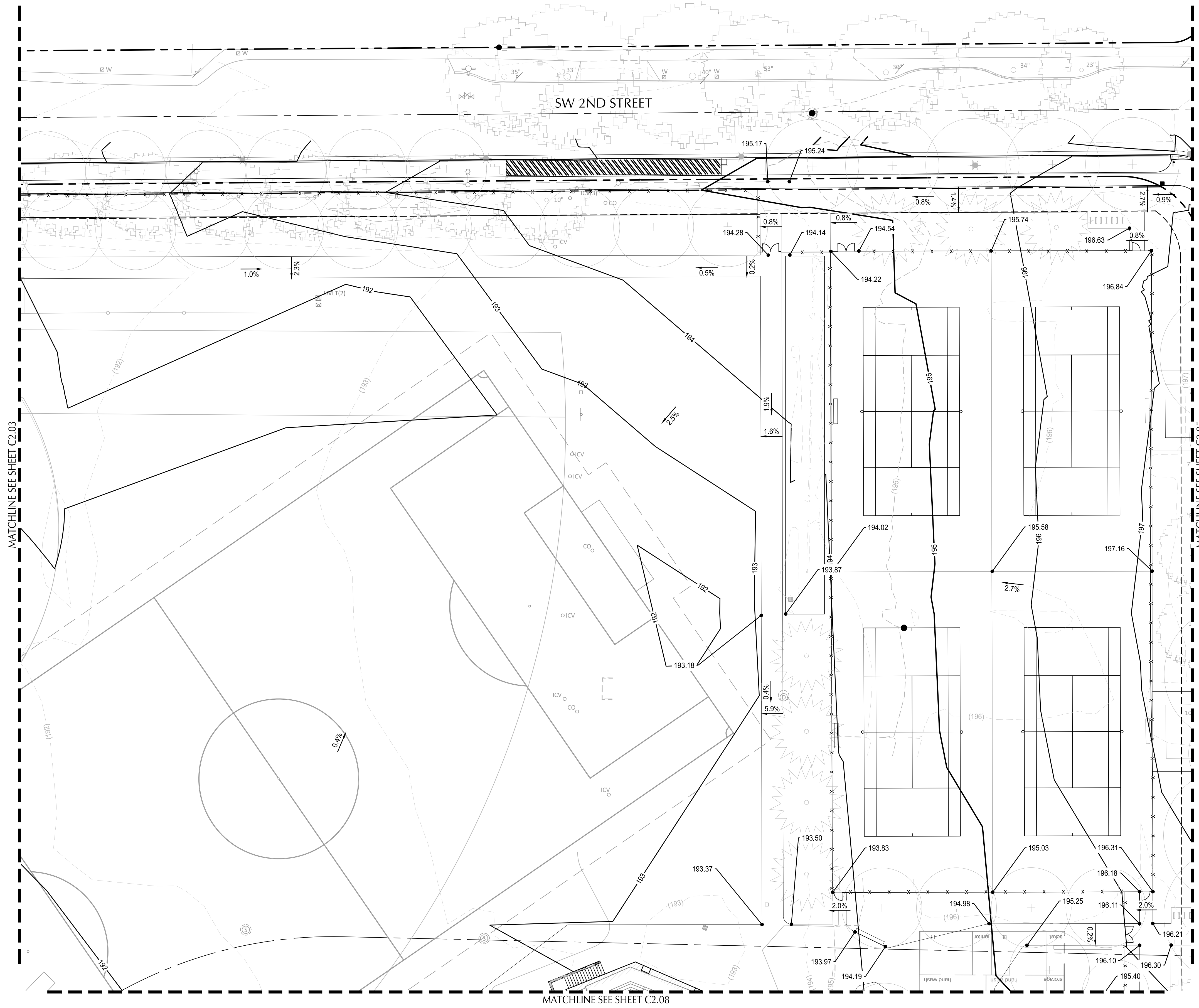


revisions	

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project	21016

GRADING PLAN
C2.03

File: N:\c\2023\12100178-BSD-Beaverton-HS\CAD\PILOT\2100178-C-2.1-GRAD.dwg TAB:C2.04
 Plotted: 8/10/23 at 6:13pm By: TLeggiate



SHEET NOTES

1. SLOPES PROVIDED ON SLOPE ARROW ARE FOR REFERENCE ONLY.
2. LANDINGS ON ACCESSIBLE ROUTES SHALL NOT EXCEED 2% IN ANY DIRECTION.
3. ALL ACCESSIBLE ROUTES SHALL COMPLY WITH CURRENT ADA ACCESSIBILITY GUIDELINES FOR BUILDING AND FACILITIES (ADAAG).

KEY NOTES

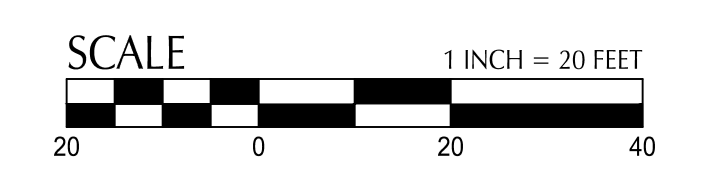
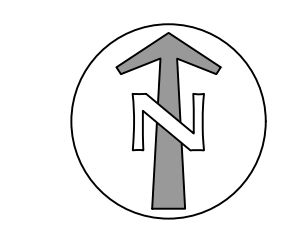
- A LANDING AT EX. DOOR. TYPICAL GRADING SHALL BE: TOP OF CONCRETE OUTSIDE DOOR = FFE MINUS 0.02-FT. SLOPE CONCRETE 1.5% AWAY FROM BLDG. (SPOT ELEVATIONS MAY NOT BE CORRECT, NOTIFY ENGINEER OF DISCREPANCIES)
- B LANDING ZONE. ACCESSIBLE ROUTE THROUGH THIS ZONE REQUIRES NO MORE THAN 2% SLOPE IN ANY DIRECTION.
- C WALKWAY SLOPES DOWN FROM LANDING ZONE AS REQUIRED TO MATCH EX. GRADE. SLOPE SHALL NOT EXCEED 5%.
- D WALKWAY REPLACEMENTS SHALL:
 - BE REINSTALLED IN EXISTING LOCATIONS, UNLESS NOTED OTHERWISE.
 - MAINTAIN 1.5% TYPICAL CROSS-SLOPE TO ALLOW DRAINAGE (2% MAX.).
 - RUNNING SLOPE SHALL NOT EXCEED 4.5% UNLESS NOTED OTHERWISE
- E WALKWAY RAMP ZONE. RISE >6" AND SLOPES >5% REQUIRES HANDRAILS BOTH SIDES PER ARCH DETAILS.
- F INSTALL ALUMINUM RAMP, STAIRS, AND LANDING IF SHOWN. RAMP SHALL NOT EXCEED 7.5% AND SHALL BE A MINIMUM OF 4' IN WIDTH PER ARCH DETAILS.
- G INSTALL CONCRETE RAMP, STAIRS, AND LANDING IF SHOWN. RAMP SHALL NOT EXCEED 7.5% AND SHALL BE A MINIMUM OF 5' IN WIDTH WITH HANDRAILS PER ARCH.

GRADING LABEL LEGEND

CALLOUT	DESCRIPTION
[X.X%]	SLOPE ORIENTATION INDICATING DIRECTION OF MAXIMUM GRADE (DOWNHILL)
XX.XX XX	SPOT ELEVATION DESCRIPTION LISTED BELOW. NO DESCRIPTION MEANS TP OR TG
BOW	BACK OF WALK
BS	BOTTOM OF STEP
BW	BOTTOM OF WALL
EG	EXISTING GRADE
FF	FINISHED FLOOR
G	GUTTER
HP	HIGH POINT
LP	LOW POINT
RIM	RIM OF STRUCTURE
TC	TOP OF CURB
TG	TOP OF GROUND
TP	TOP OF PAVEMENT
TS	TOP OF STEP
TW	TOP WALL
(XXX.X±)	EXISTING GRADE (MATCH WHERE APPLICABLE)

SHEET LEGEND

	DRAINAGE FLOW DIRECTION
	GRADE BREAK
	SAWCUT LINE
	EX. CONTOUR MINOR
	EX. CONTOUR MAJOR
	CONTOUR MINOR (FG)
	CONTOUR MAJOR (FG)

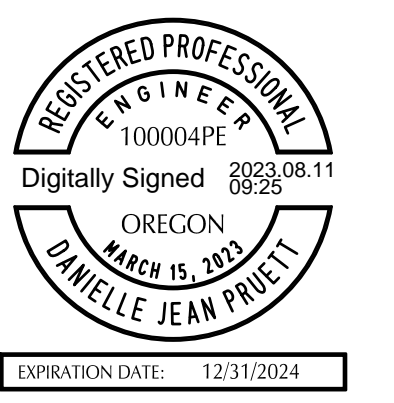


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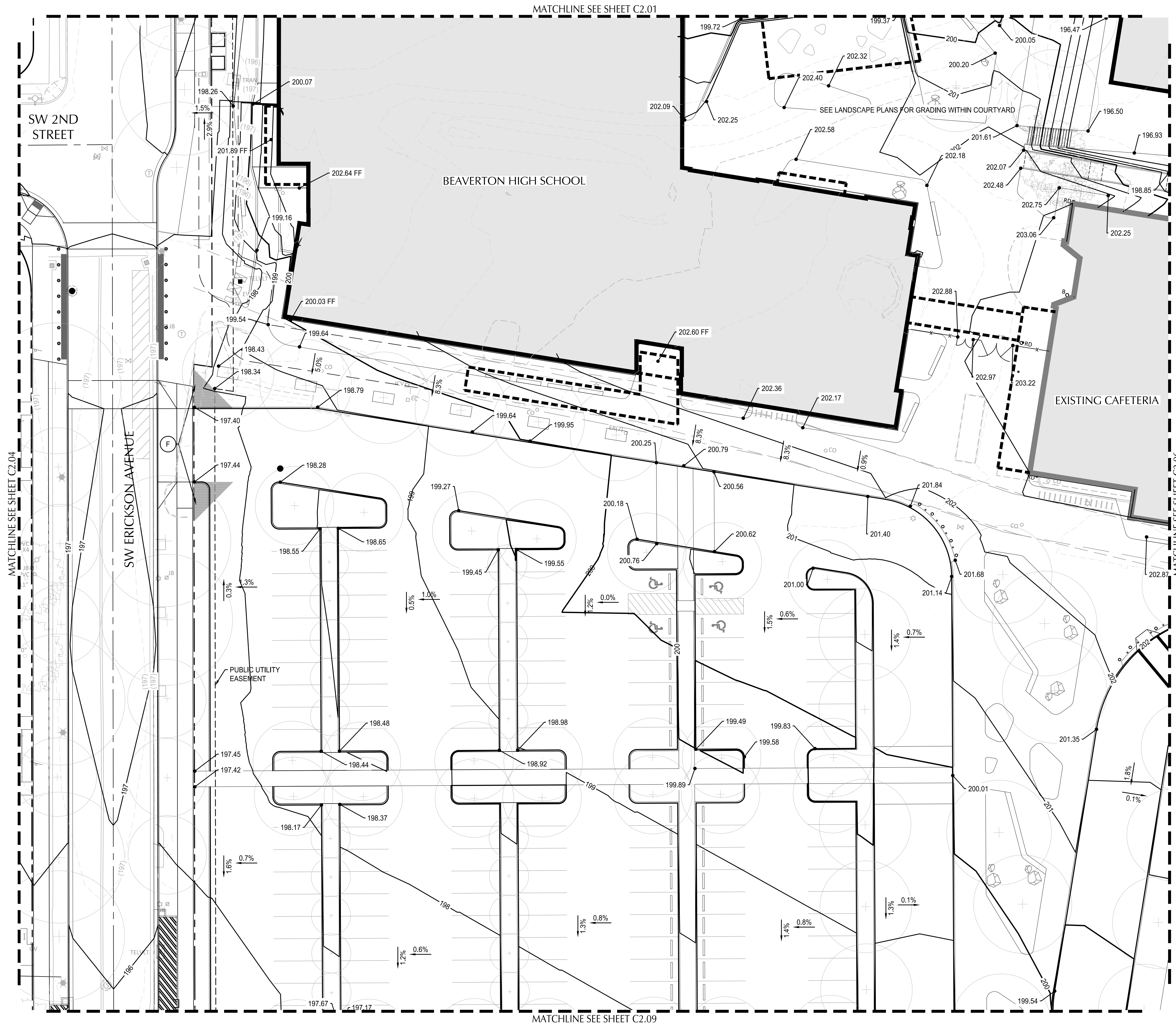


revisions	

phase	LAND USE RESUBMITTAL SET
date	08/11/2023
project	21016

GRADING PLAN
C2.04

File: N:\c\2023\12\100178-BSD-Beaverton-HS\CAD\PL012100178-C-2.1-GRAD.dwg TAB:C2.05
 Plotted: 8/10/23 at 6:14pm By: TLeggatte



SHEET NOTES

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3. ALL ACCESSIBLE ROUTES SHALL COMPLY WITH CURRENT ADA ACCESSIBILITY GUIDELINES FOR BUILDING AND FACILITIES (ADAAG).

KEY NOTES

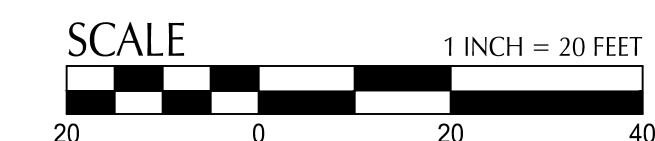
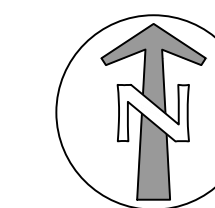
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GRADING LABEL LEGEND

CALLOUT	DESCRIPTION	
[X.X%]	SLOPE ORIENTATION INDICATING DIRECTION OF MAXIMUM GRADE (DOWNHILL)	
[+]	SPOT ELEVATION DESCRIPTION LISTED BELOW. NO DESCRIPTION MEANS TP OR TG	
XX.XX XX	BOW BS BW EG FF G HP LP RIM TC TG TP TS TW	BACK OF WALK BOTTOM OF STEP BOTTOM OF WALL EXISTING GRADE FINISHED FLOOR GUTTER HIGH POINT LOW POINT RIM OF STRUCTURE TOP OF CURB TOP OF GROUND TOP OF PAVEMENT TOP OF STEP TOP WALL
(XXX.X±)	EXISTING GRADE (MATCH WHERE APPLICABLE)	

SHEET LEGEND

	DRAINAGE FLOW DIRECTION
	GRADE BREAK
	SAWCUT LINE
49	EX. CONTOUR MINOR
50	EX. CONTOUR MAJOR
49	CONTOUR MINOR (FG)
50	CONTOUR MAJOR (FG)

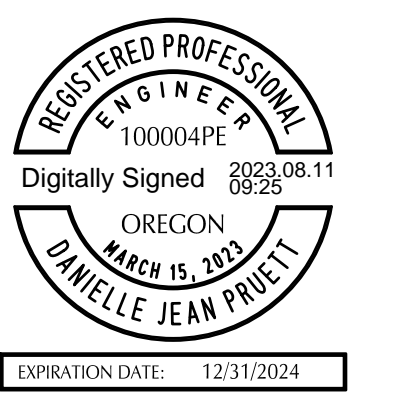


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revisions	

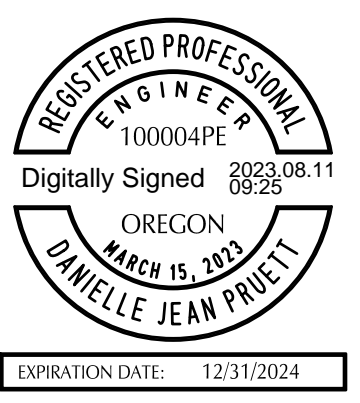
phase	LAND USE RESUBMITTAL SET
date	08/11/2023
project	21016

GRADING PLAN
C2.05

BEAVERTON HIGH SCHOOL REBUILD

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BEAVERTON, OREGON 97005

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SHEET NOTES

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- ALL ACCESSIBLE ROUTES SHALL COMPLY WITH CURRENT ADA ACCESSIBILITY GUIDELINES FOR BUILDING AND FACILITIES (ADAAG).

KEY NOTES

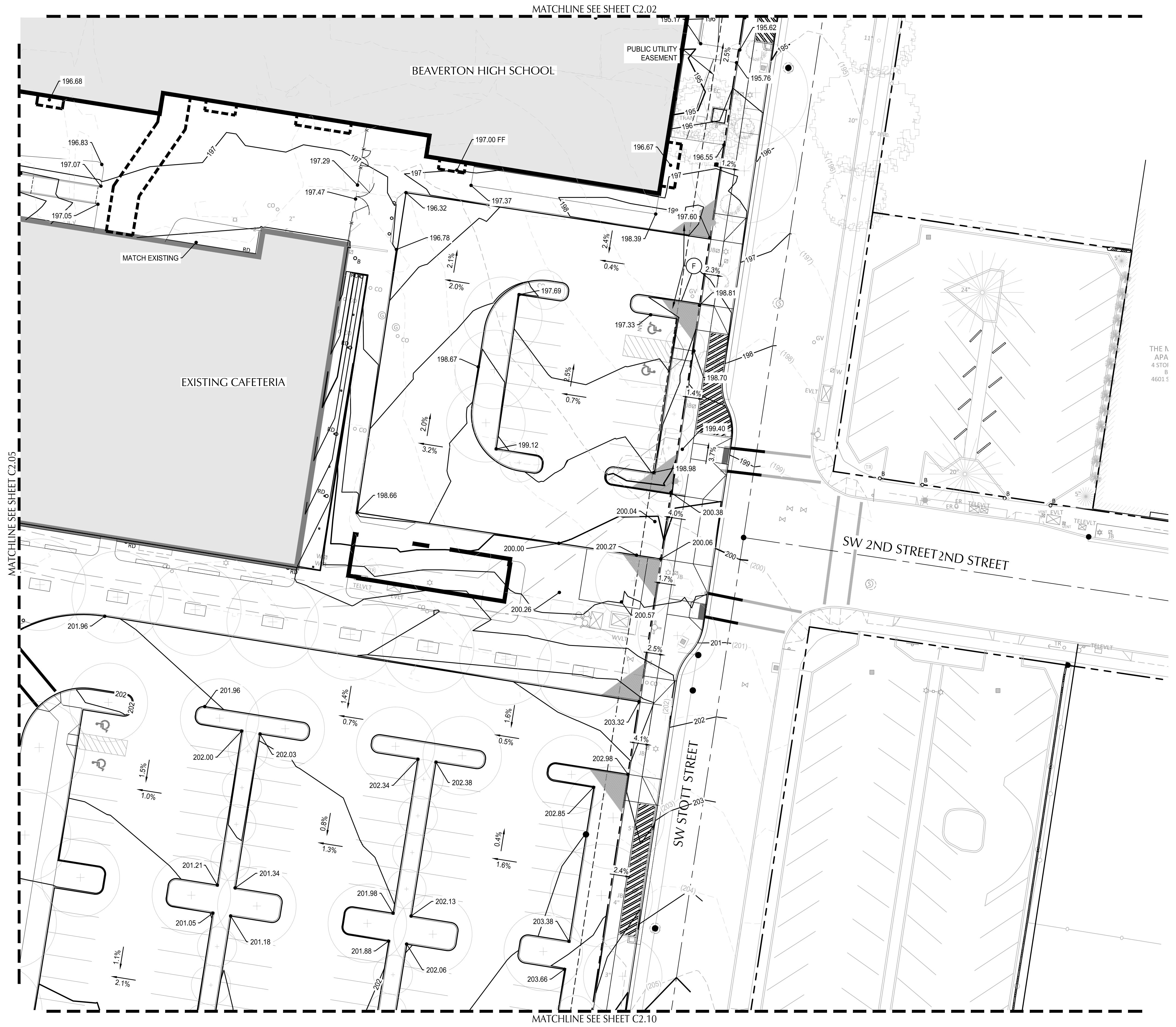
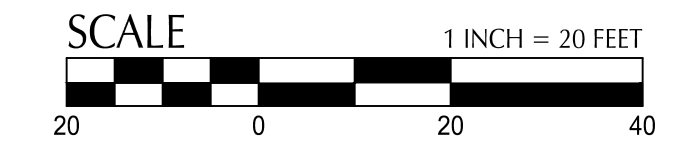
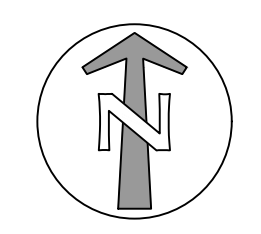
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- D WALKWAY REPLACEMENTS SHALL:
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- MAINTAIN 1.5% TYPICAL CROSS-SLOPE TO ALLOW DRAINAGE (2% MAX.).
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GRADING LABEL LEGEND

CALLOUT	DESCRIPTION
[X.X%]	SLOPE ORIENTATION INDICATING DIRECTION OF MAXIMUM GRADE (DOWNHILL)
XX.XX XX	SPOT ELEVATION DESCRIPTION LISTED BELOW. NO DESCRIPTION MEANS TP OR TG
BOW	BACK OF WALK
BS	BOTTOM OF STEP
BW	BOTTOM OF WALL
EG	EXISTING GRADE
FF	FINISHED FLOOR
G	GUTTER
HP	HIGH POINT
LP	LOW POINT
RIM	RIM OF STRUCTURE
TC	TOP OF CURB
TG	TOP OF GROUND
TP	TOP OF PAVEMENT
TS	TOP OF STEP
TW	TOP WALL
(XXX.X±)	EXISTING GRADE (MATCH WHERE APPLICABLE)

SHEET LEGEND

	DRAINAGE FLOW DIRECTION
	GRADE BREAK
	SAWCUT LINE
49	EX. CONTOUR MINOR
50	EX. CONTOUR MAJOR
49	CONTOUR MINOR (FG)
50	CONTOUR MAJOR (FG)



MATCHLINE SEE SHEET C2.02

MATCHLINE SEE SHEET C2.10

MATCHLINE SEE SHEET C2.05

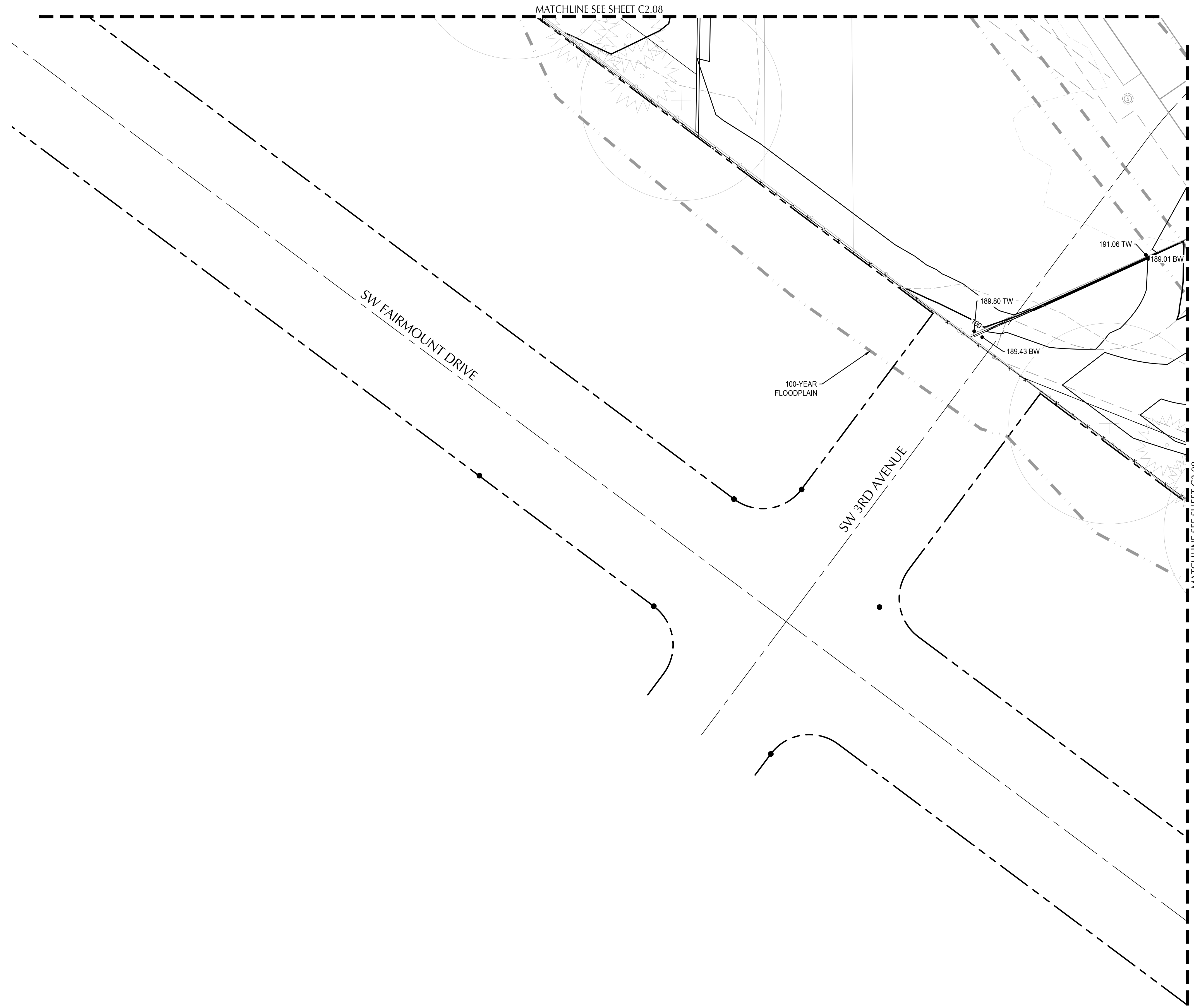
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Plotted: 8/10/23 at 6:14pm By: TLeggate

revisions	

phase	LAND USE RESUBMITTAL SET
date	08/11/2023
project	21016

GRADING PLAN
C2.06

File: N:\c\2023\12\100178-hs\beaverton-hs\CAD\PL02\100178-C-2-1-GRAD.dwg TAB: C2.07
 Plotted: 8/9/23 at 3:39pm By: dneadecker



SHEET NOTES

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KEY NOTES

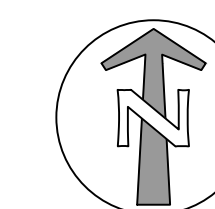
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GRADING LABEL LEGEND

CALLOUT	DESCRIPTION
[X.X%]	SLOPE ORIENTATION INDICATING DIRECTION OF MAXIMUM GRADE (DOWNHILL)
XX.XX XX	SPOT ELEVATION DESCRIPTION LISTED BELOW. NO DESCRIPTION MEANS TP OR TG
BOW	BACK OF WALK
BS	BOTTOM OF STEP
BW	BOTTOM OF WALL
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HP	HIGH POINT
LP	LOW POINT
RIM	RIM OF STRUCTURE
TC	TOP OF CURB
TG	TOP OF GROUND
TP	TOP OF PAVEMENT
TS	TOP OF STEP
TW	TOP WALL
(XXX.X±)	EXISTING GRADE (MATCH WHERE APPLICABLE)

SHEET LEGEND

	DRAINAGE FLOW DIRECTION
	GRADE BREAK
	SAWCUT LINE
	EX. CONTOUR MINOR
	EX. CONTOUR MAJOR
	CONTOUR MINOR (FG)
	CONTOUR MAJOR (FG)

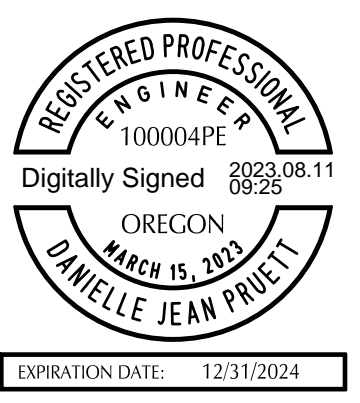


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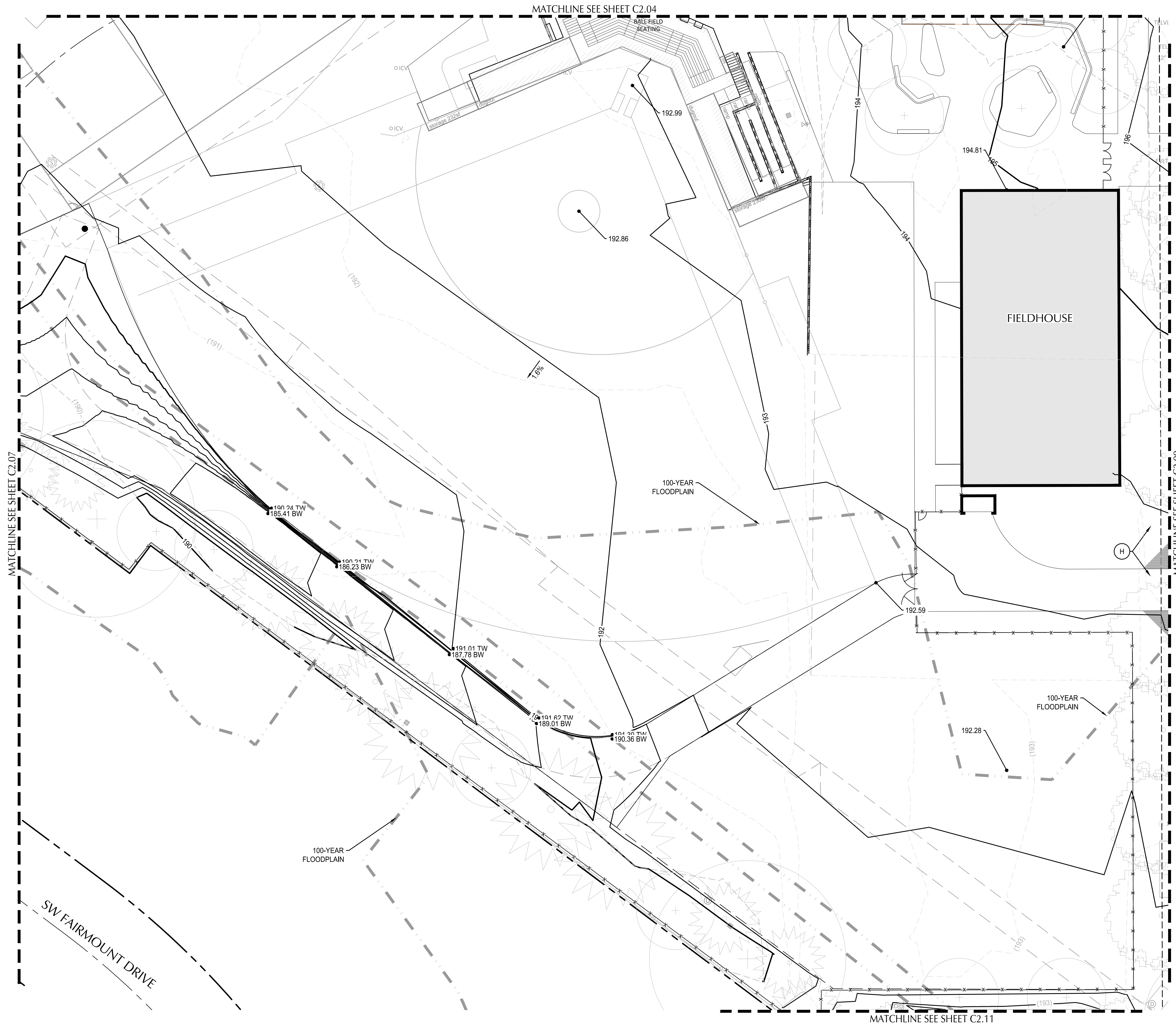


revisions	

phase	LAND USE RESUBMITTAL SET
date	08/11/2023
project	21016

GRADING PLAN
C2.07

File: N:\c\2023\12100178-BSD-Beaverton-HS\CAD\PL012100178-C-2.1-GRAD.dwg TAB:C2.08
 Plotted: 8/10/23 at 6:14pm By: TLegg



SHEET NOTES

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KEY NOTES

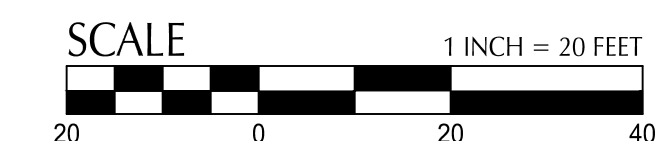
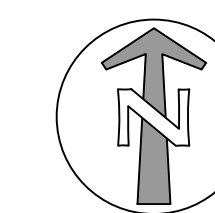
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GRADING LABEL LEGEND

CALLOUT	DESCRIPTION
[X.X%]	SLOPE ORIENTATION INDICATING DIRECTION OF MAXIMUM GRADE (DOWNHILL)
[ELEVATION]	SPOT ELEVATION DESCRIPTION LISTED BELOW. NO DESCRIPTION MEANS TP OR TG
XX.XX XX	BOW BS BW EG FF G HP LP RIM TC TG TP TS TW
(XXX.X±)	EXISTING GRADE (MATCH WHERE APPLICABLE)

SHEET LEGEND

[Arrow]	DRAINAGE FLOW DIRECTION
[Dashed Line]	GRADE BREAK
[Dashed Line]	SAWCUT LINE
49	EX. CONTOUR MINOR
50	EX. CONTOUR MAJOR
49	CONTOUR MINOR (FG)
50	CONTOUR MAJOR (FG)

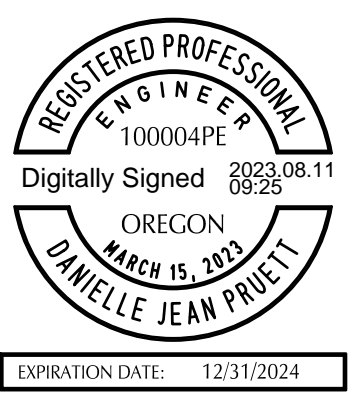


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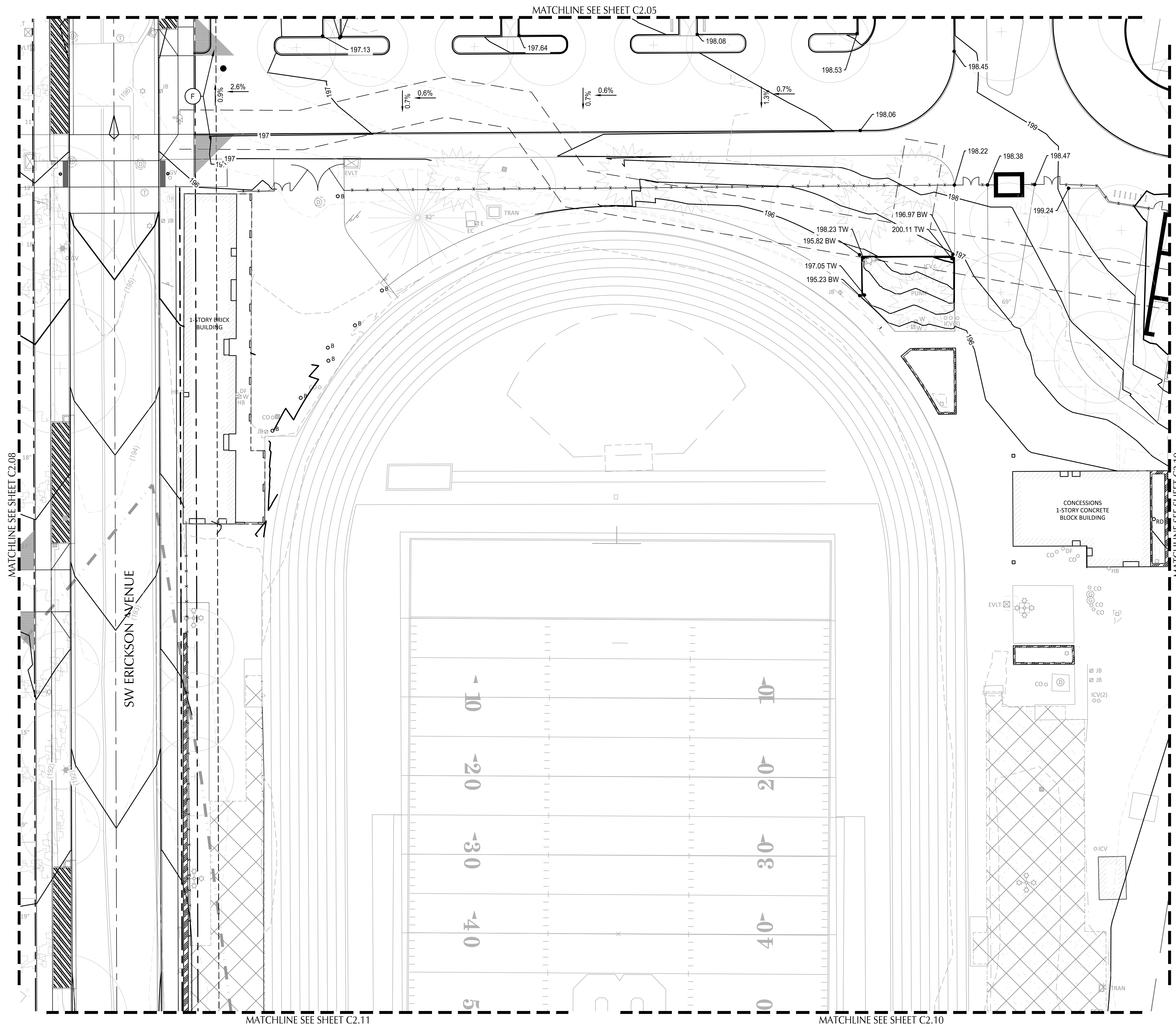
BEAVERTON SCHOOL DISTRICT
 T 503-356-4500



revisions	

phase	LAND USE RESUBMITTAL SET
date	08/11/2023
project	21016

GRADING PLAN
C2.08



SHEET NOTES

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KEY NOTES

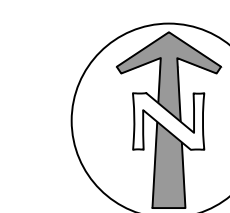
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GRADING LABEL LEGEND

CALLOUT	DESCRIPTION
[X.X%]	SLOPE ORIENTATION INDICATING DIRECTION OF MAXIMUM GRADE (DOWNHILL)
[Spot Elevation]	SPOT ELEVATION DESCRIPTION LISTED BELOW. NO DESCRIPTION MEANS TP OR TG
XX.XX XX	BOW BS BW EG FF G HP LP RIM TC TG TP TS TW
(XXX.X±)	EXISTING GRADE (MATCH WHERE APPLICABLE)

SHEET LEGEND

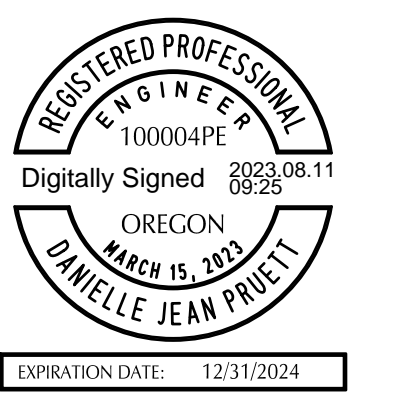
	DRAINAGE FLOW DIRECTION
	GRADE BREAK
	SAWCUT LINE
	EX. CONTOUR MINOR
	EX. CONTOUR MAJOR
	CONTOUR MINOR (FG)
	CONTOUR MAJOR (FG)



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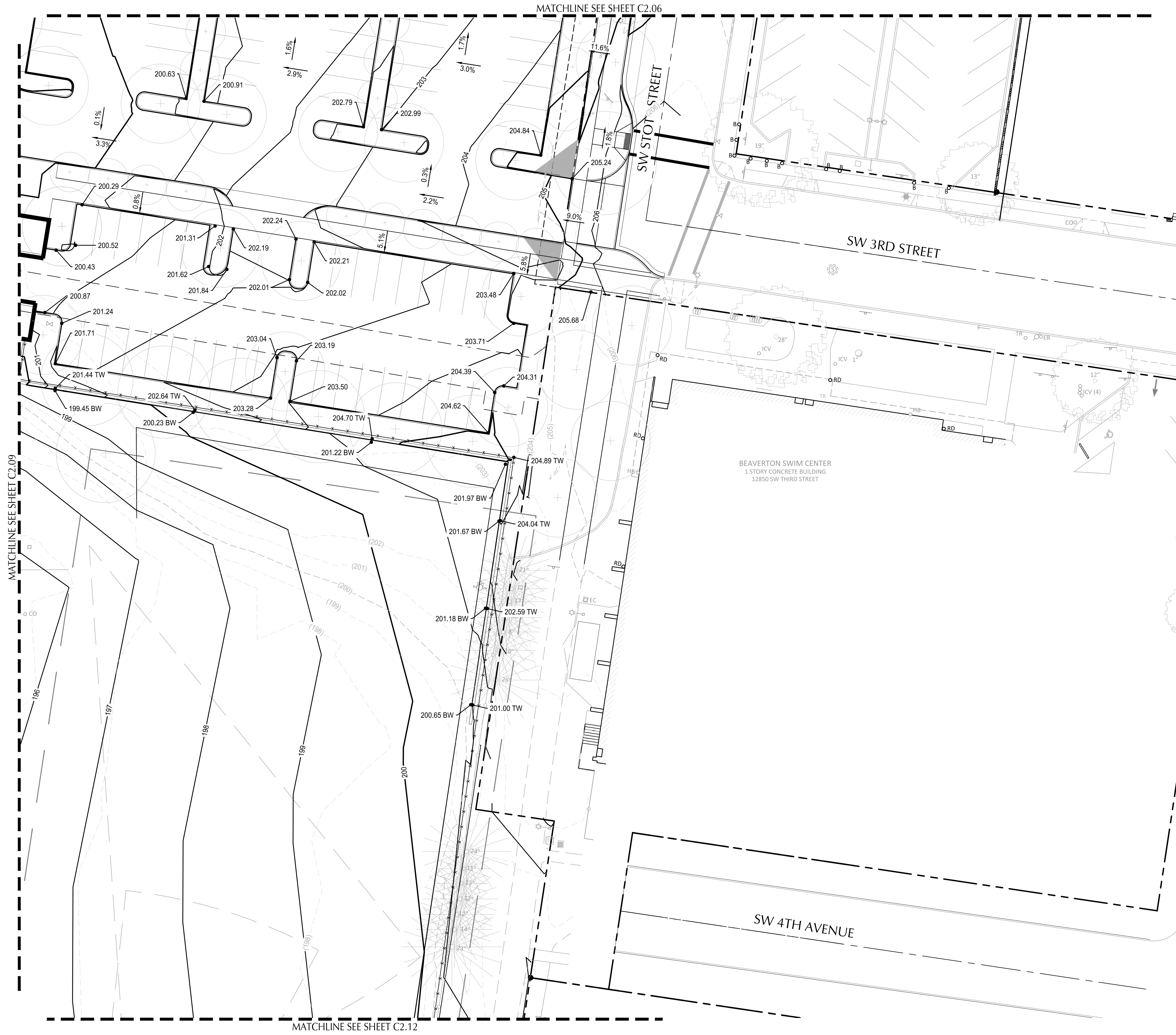
revisions	

phase	LAND USE RESUBMITTAL SET
date	08/11/2023
project	21016

GRADING PLAN

C2.09

File: N:\c\2023\12\100178-BSD-Beaverton-HS\CAD\PILOT\100178-C-2.1-GRAD.dwg TAB:C2.10
 Plotted: 8/10/23 at 6:14pm By: TLegg



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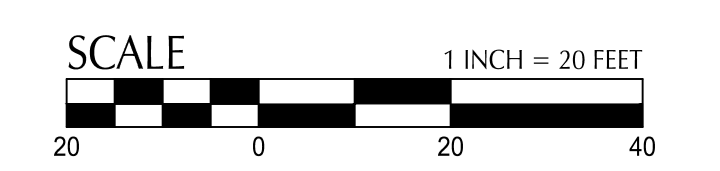
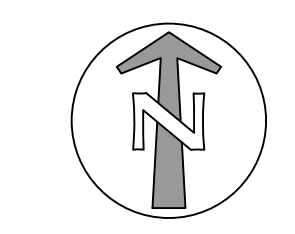
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- C. WALKWAY SLOPES DOWN FROM LANDING ZONE AS REQUIRED TO MATCH EX. GRADE. SLOPE SHALL NOT EXCEED 5%.
- D. WALKWAY REPLACEMENTS SHALL:
 - BE REINSTALLED IN EXISTING LOCATIONS, UNLESS NOTED OTHERWISE.
 - MAINTAIN 1.5% TYPICAL CROSS-SLOPE TO ALLOW DRAINAGE (2% MAX.).
 - RUNNING SLOPE SHALL NOT EXCEED 4.5% UNLESS NOTED OTHERWISE
- E. WALKWAY RAMP ZONE. RISE >6" AND SLOPES >5% REQUIRES HANDRAILS BOTH SIDES PER ARCH DETAILS.
- F. INSTALL ALUMINUM RAMP, STAIRS, AND LANDING IF SHOWN. RAMP SHALL NOT EXCEED 7.5% AND SHALL BE A MINIMUM OF 4' IN WIDTH PER ARCH DETAILS.
- G. INSTALL CONCRETE RAMP, STAIRS, AND LANDING IF SHOWN. RAMP SHALL NOT EXCEED 7.5% AND SHALL BE A MINIMUM OF 5' IN WIDTH WITH HANDRAILS PER ARCH.

GRADING LABEL LEGEND

CALLOUT	DESCRIPTION
[X.X%]	SLOPE ORIENTATION INDICATING DIRECTION OF MAXIMUM GRADE (DOWNHILL)
XX.XX XX	SPOT ELEVATION DESCRIPTION LISTED BELOW. NO DESCRIPTION MEANS TP OR TG
BOW	BACK OF WALK
BS	BOTTOM OF STEP
BW	BOTTOM OF WALL
EG	EXISTING GRADE
FF	FINISHED FLOOR
G	GUTTER
HP	HIGH POINT
LP	LOW POINT
RIM	RIM OF STRUCTURE
TC	TOP OF CURB
TG	TOP OF GROUND
TP	TOP OF PAVEMENT
TS	TOP OF STEP
TW	TOP WALL
(XXX.X±)	EXISTING GRADE (MATCH WHERE APPLICABLE)

SHEET LEGEND

	DRAINAGE FLOW DIRECTION
	GRADE BREAK
	SAWCUT LINE
	EX. CONTOUR MINOR
	EX. CONTOUR MAJOR
	CONTOUR MINOR (FG)
	CONTOUR MAJOR (FG)



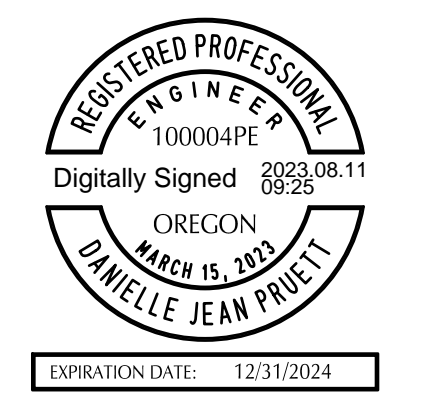
111 SW Fifth Ave., Suite 2600
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 F: 503.274.4681
www.kpff.com

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BEAVERTON SCHOOL DISTRICT

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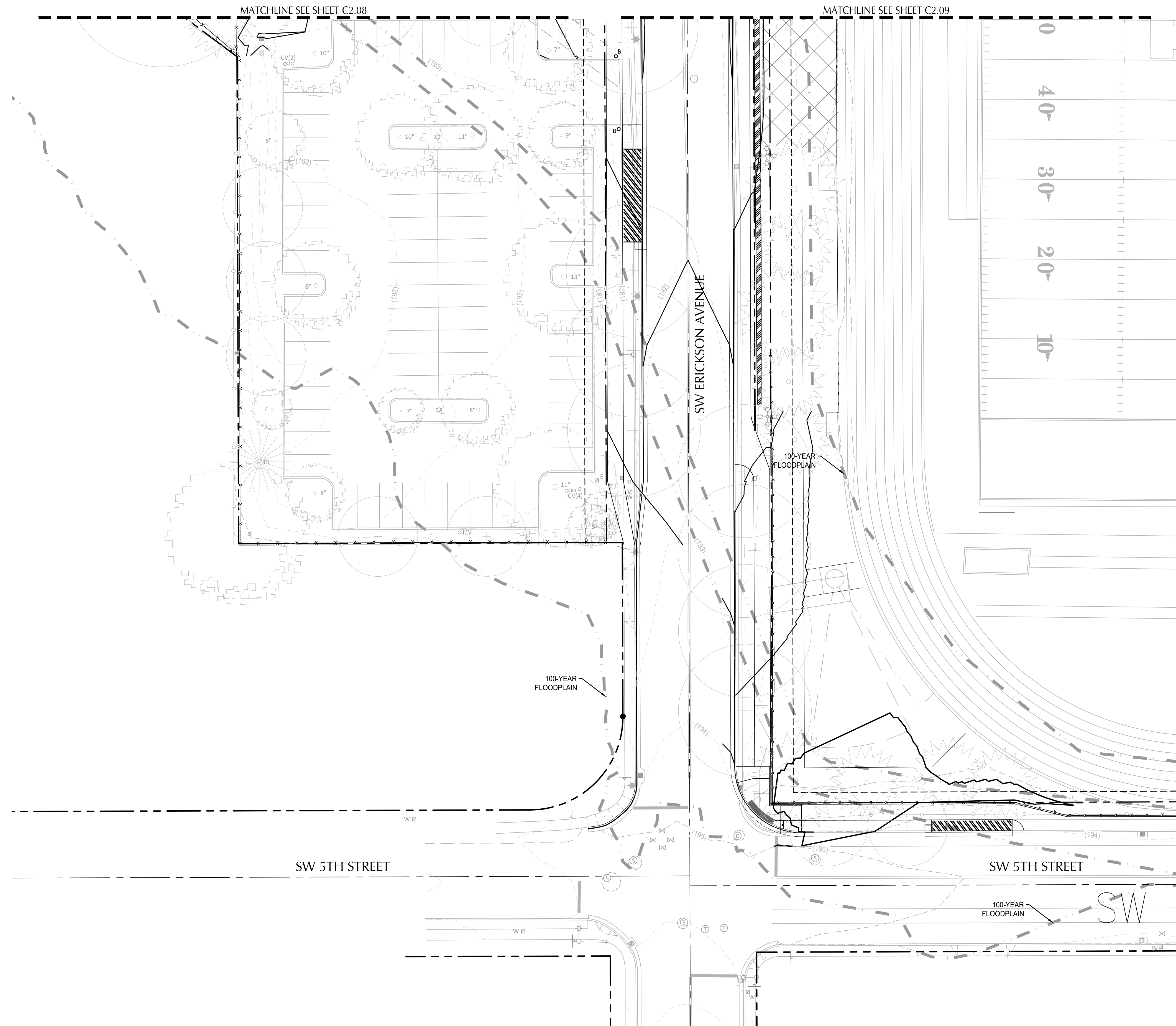


revisions	

phase	LAND USE RESUBMITTAL SET
date	08/11/2023
project	21016

GRADING PLAN
C2.10

File: N:\c\2023\12\100178-hs\beaverton-hs\CAD\PLT\100178-C-2-1-GRAD.dwg TAB: C2.11
 Plotted: 8/9/23 at 3:39pm By: dneadecker



SHEET NOTES

1. SLOPES PROVIDED ON SLOPE ARROW ARE FOR REFERENCE ONLY.
2. LANDINGS ON ACCESSIBLE ROUTES SHALL NOT EXCEED 2% IN ANY DIRECTION.
3. ALL ACCESSIBLE ROUTES SHALL COMPLY WITH CURRENT ADA ACCESSIBILITY GUIDELINES FOR BUILDING AND FACILITIES (ADAAG).

KEY NOTES

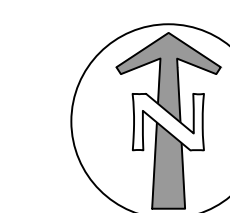
- A LANDING AT EX. DOOR. TYPICAL GRADING SHALL BE: TOP OF CONCRETE OUTSIDE DOOR = FFE MINUS 0.02-FT. SLOPE CONCRETE 1.5% AWAY FROM BLDG. (SPOT ELEVATIONS MAY NOT BE CORRECT, NOTIFY ENGINEER OF DISCREPANCIES)
- B LANDING ZONE. ACCESSIBLE ROUTE THROUGH THIS ZONE REQUIRES NO MORE THAN 2% SLOPE IN ANY DIRECTION.
- C WALKWAY SLOPES DOWN FROM LANDING ZONE AS REQUIRED TO MATCH EX. GRADE. SLOPE SHALL NOT EXCEED 5%.
- D WALKWAY REPLACEMENTS SHALL:
 - BE REINSTALLED IN EXISTING LOCATIONS, UNLESS NOTED OTHERWISE.
 - MAINTAIN 1.5% TYPICAL CROSS-SLOPE TO ALLOW DRAINAGE (2% MAX.).
 - RUNNING SLOPE SHALL NOT EXCEED 4.5% UNLESS NOTED OTHERWISE
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GRADING LABEL LEGEND

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BW	BOTTOM OF WALL
EG	EXISTING GRADE
FF	FINISHED FLOOR
G	GUTTER
HP	HIGH POINT
LP	LOW POINT
RIM	RIM OF STRUCTURE
TC	TOP OF CURB
TG	TOP OF GROUND
TP	TOP OF PAVEMENT
TS	TOP OF STEP
TW	TOP WALL
(XXX.X±)	EXISTING GRADE (MATCH WHERE APPLICABLE)

SHEET LEGEND

	DRAINAGE FLOW DIRECTION
	GRADE BREAK
	SAWCUT LINE
49	EX. CONTOUR MINOR
50	EX. CONTOUR MAJOR
49	CONTOUR MINOR (FG)
50	CONTOUR MAJOR (FG)

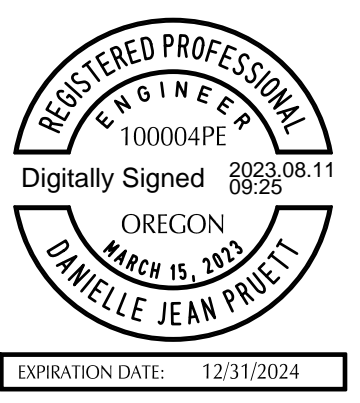


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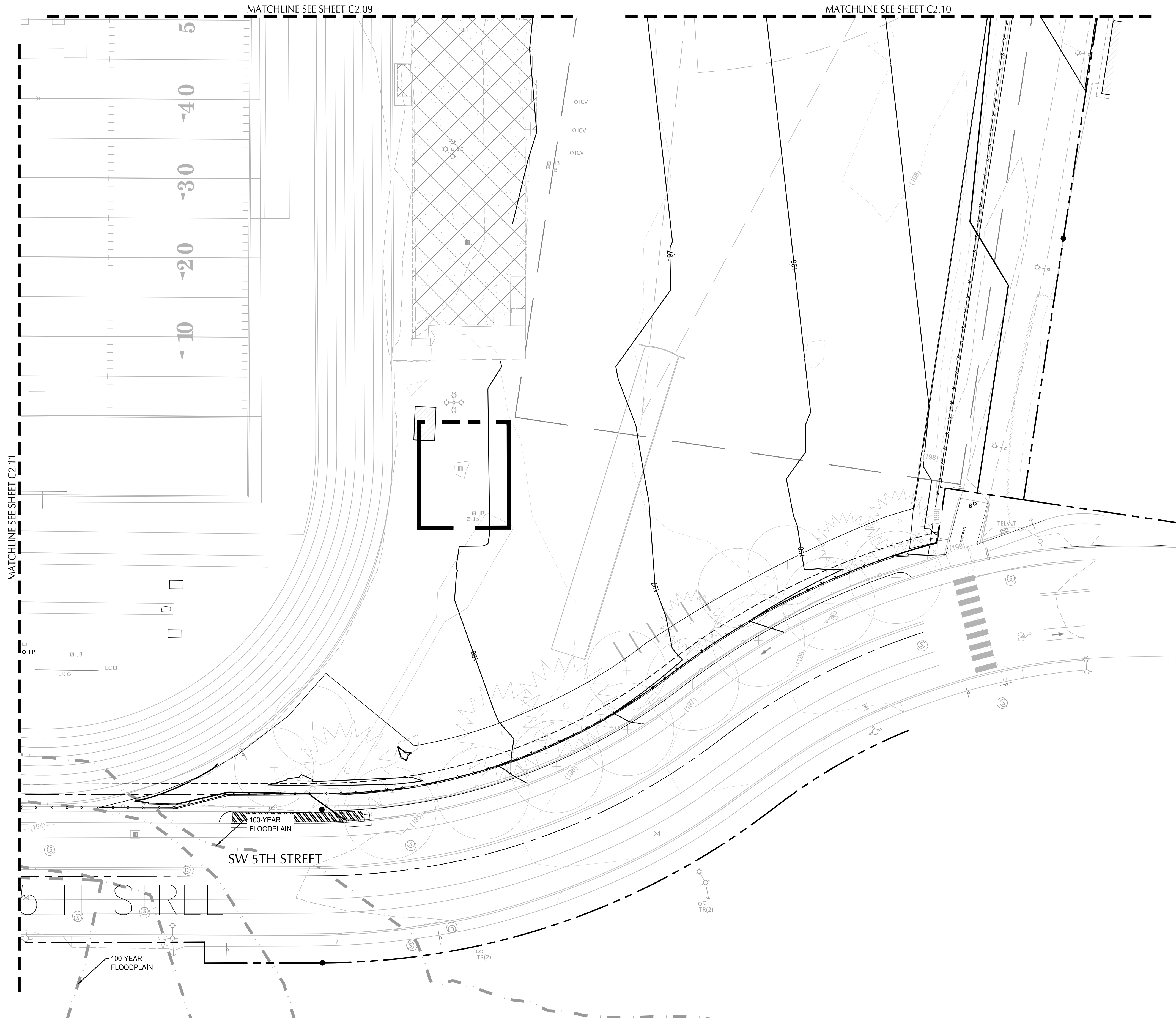


revisions	

phase	LAND USE RESUBMITTAL SET
date	08/11/2023
project	21016

GRADING PLAN
C2.11

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SHEET NOTES

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KEY NOTES

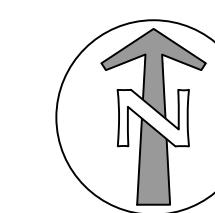
- A LANDING AT EX. DOOR. TYPICAL GRADING SHALL BE: TOP OF CONCRETE OUTSIDE DOOR = FFE MINUS 0.02-FT. SLOPE CONCRETE 1.5% AWAY FROM BLDG. (SPOT ELEVATIONS MAY NOT BE CORRECT, NOTIFY ENGINEER OF DISCREPANCIES)
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GRADING LABEL LEGEND

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(XXX.X±)	EXISTING GRADE (MATCH WHERE APPLICABLE)

SHEET LEGEND

	DRAINAGE FLOW DIRECTION
	GRADE BREAK
	SAWCUT LINE
49	EX. CONTOUR MINOR
50	EX. CONTOUR MAJOR
49	CONTOUR MINOR (FG)
50	CONTOUR MAJOR (FG)

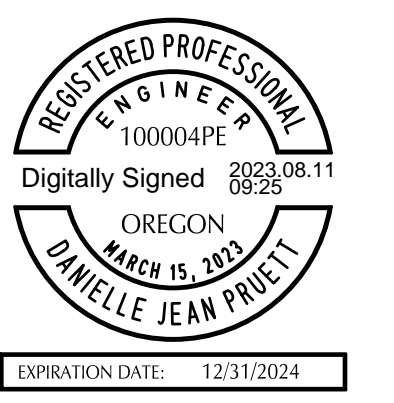


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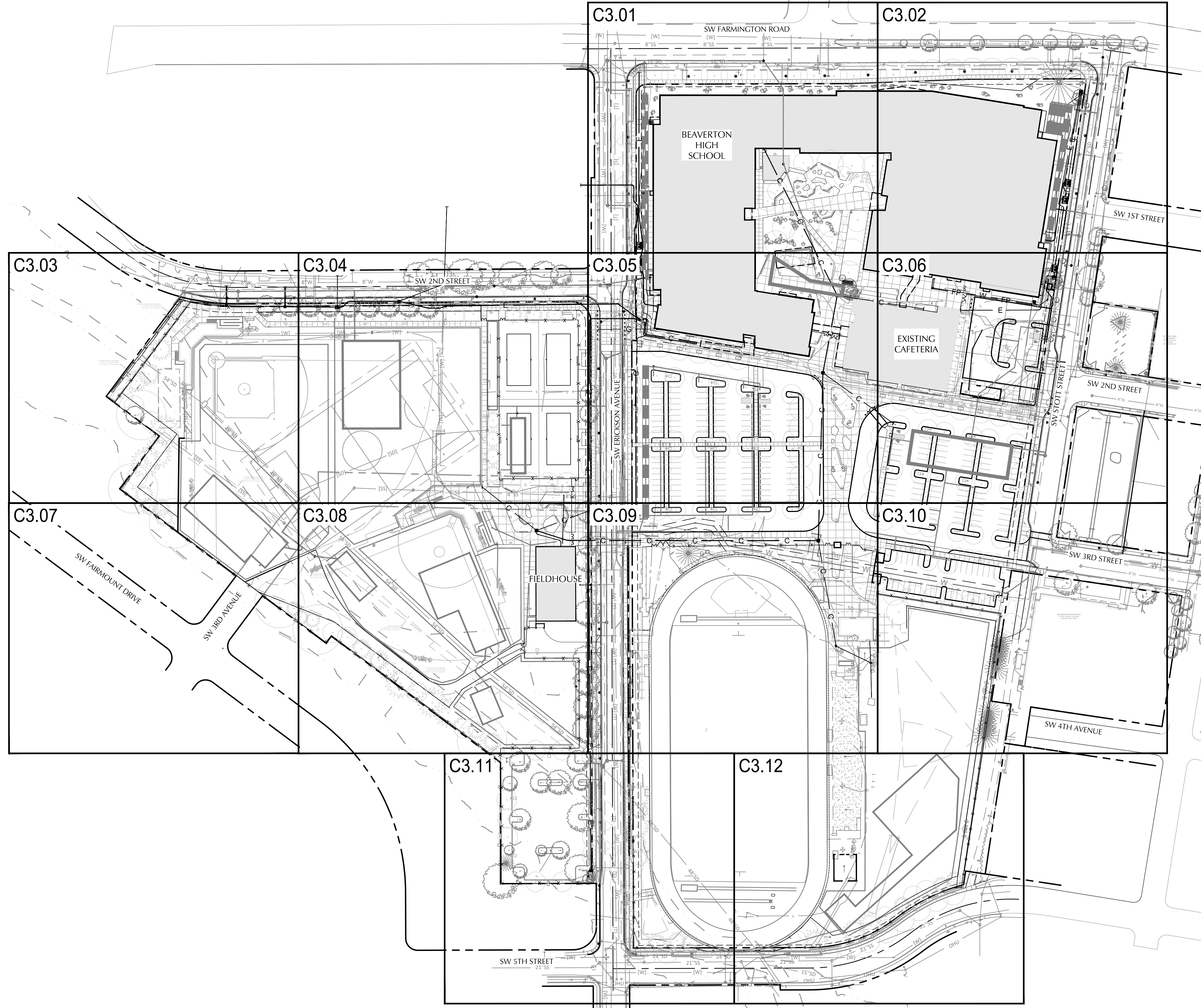
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revisions	

phase	LAND USE RESUBMITTAL SET
date	08/11/2023
project	21016

GRADING PLAN
C2.12



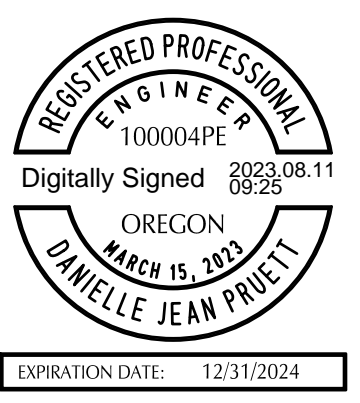
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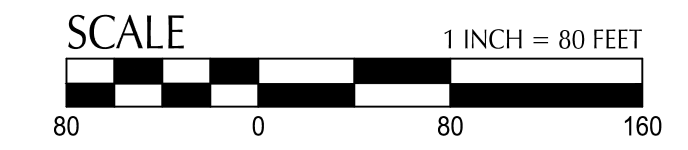
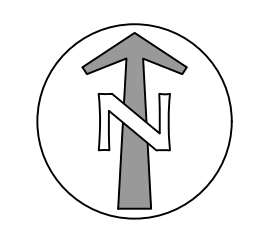


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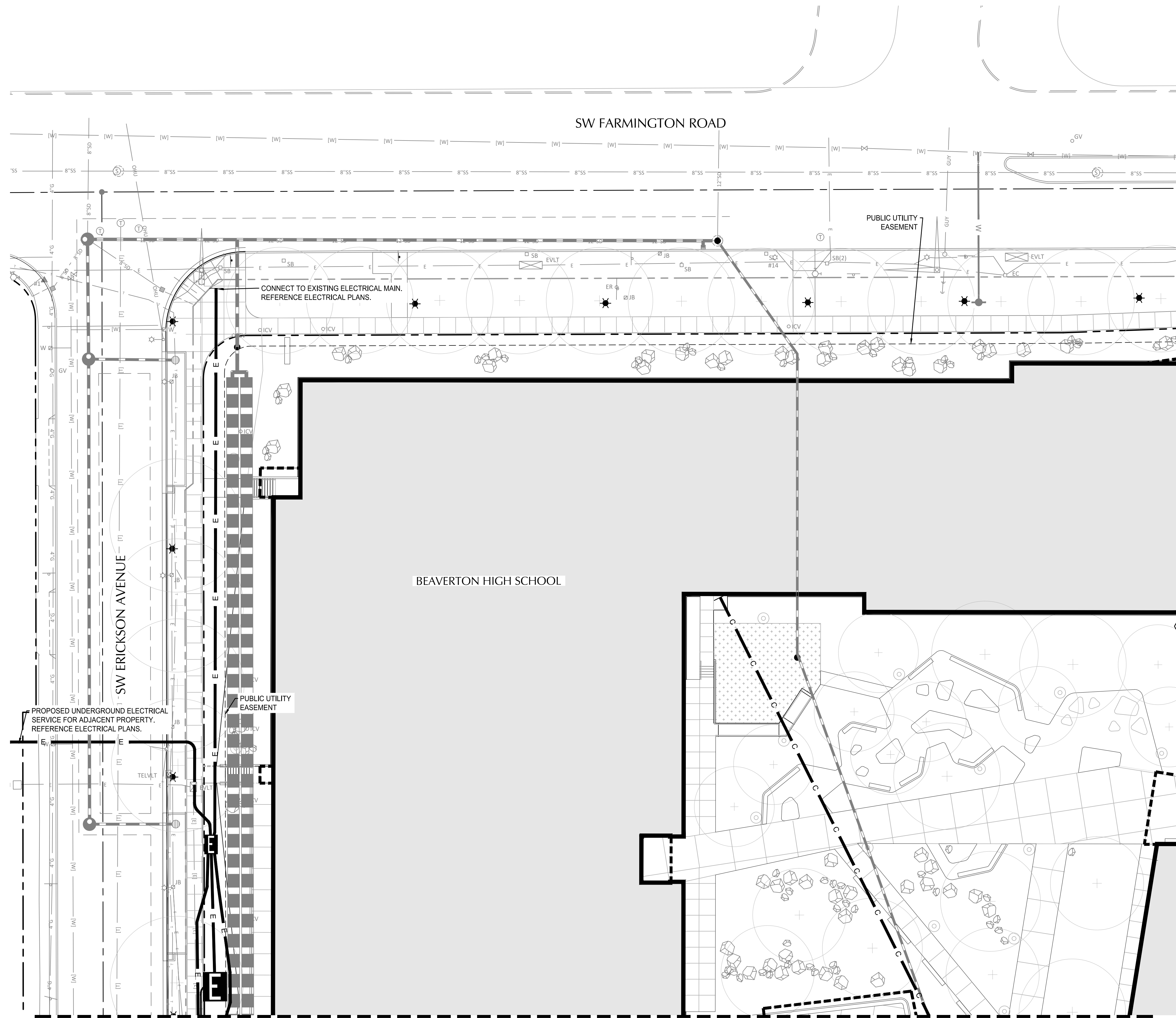
phase	LAND USE RESUBMITTAL SET
date	08/11/2023
project	21016

UTILITY OVERVIEW

C3.00



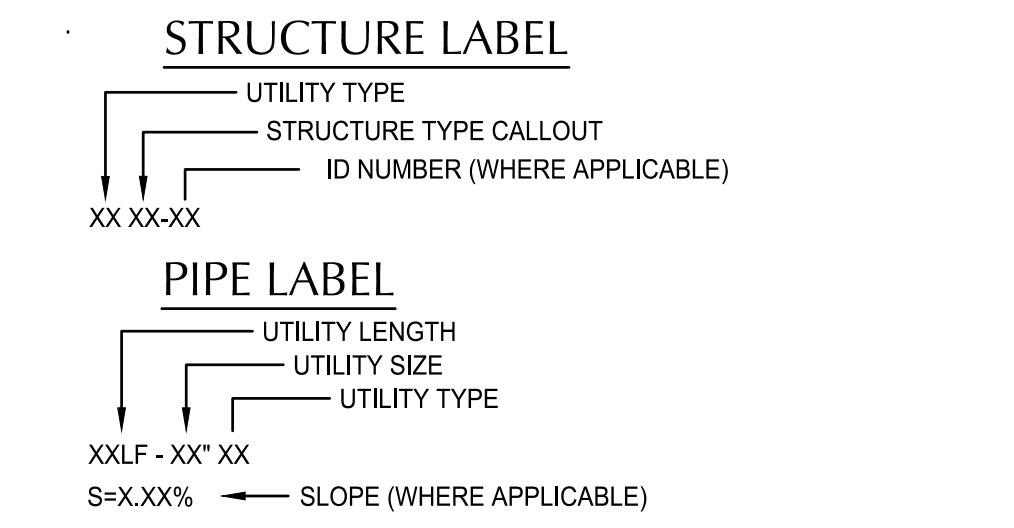
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 Plotted: 8/9/23 at 3:40pm By: dneadecker



SHEET NOTES

1. PIPE BEDDING AND BACKFILL FOR ALL UTILITIES SHALL BE DONE PER DETAIL 300/C5.05.
 2. STRUCTURES LOCATIONS ARE BASED ON CENTER OF STRUCTURE.
- KEY NOTES**
- | NOTE | DESCRIPTION | DETAIL REF. |
|------|---|-------------|
| 1 | KILL EXISTING WATER SERVICE, BY WATER BUREAU. | |
| 2 | INSTALL BUILDING MOUNTED FIRE HYDRANT. REFERENCE FIRE PROTECTION PLANS. | |
| 3 | INSTALL BUILDING MOUNTED POST INDICATOR VALVE FOR BUILDING MOUNTED FIRE HYDRANT. VALVE IS TO REMAIN OPEN AT ALL TIMES. REFERENCE FIRE PROTECTION PLANS. | |
| 4 | REPLACE EXISTING SANITARY LATERAL. | |
| 5 | BUILDING CONNECTION FOR ELECTRICAL CONDUITS. REFERENCE ELECTRICAL PLANS FOR NUMBER AND SIZE OF CONDUITS. | |
| 6 | INSTALL 4" RPBA | |
| 7 | INSTALL 2" NATURAL GAS SERVICE. CONTRACTOR TO COORDINATE WITH NORTHWEST NATURAL. | |
| 8 | RE-ROUTE ELECTRICAL AND TELECOMMUNICATION CONDUITS BETWEEN EXISTING SCHOOL BUILDING AND PROPOSED SCHOOL BUILDING. ELECTRICAL AND TELECOMMUNICATIONS CONDUITS ARE TO BE PLACED IN SEPARATE 15' WIDE EASEMENTS. | |
| 9 | PROTECT EXISTING FIRE HYDRANT | |
| 10 | CONNECT NEW ELECTRICAL FEED FOR CAFETERIA BUILDING TO EXISTING METER. REFERENCE ELECTRICAL PLANS. | |
| 11 | FIELD VERIFY LOCATION AND IE OF EXISTING 6" FIRE PROTECTION LINE. CONNECT TO EXISTING 6" FIRE PROTECTION LINE WITH 90° BEND. | |
| 12 | ELECTRICAL VAULT. REFERENCE ELECTRICAL PLANS FOR COMPONENTS AND CONNECTION INFORMATION. | |
| 13 | INSTALL DOUBLE CHECK VAULT ASSEMBLY AND VAULT CONNECT TO PUBLIC SANITARY. REFERENCE PUBLIC IMPROVEMENT PLANS FOR PUBLIC SANITARY INFORMATION. | |
| 14 | CONNECT TO EXISTING SANITARY LINE. CONTRACTOR TO PATCH EXISTING LINE AT POINT OF CONNECTION PRIOR TO INSTALLATION OF NEW LINE AND NOTIFY ENGINEER OF ANY DISCREPANCIES. | |
| 15 | INSTALL AREA DRAIN AT CENTER OF GARBAGE ENCLOSURE. | |
| 16 | AUXILIARY POTABLE WATER CONNECTION | 1/C5.9 |
| FP | CONNECT TO FIRE PROTECTION SYSTEM. SIZE AS NOTED. SEE PLUMBING PLANS FOR CONTINUATION. | |
| G | CONNECT TO GAS METER. CONTRACTOR TO COORDINATE WITH GAS COMPANY. SEE PLUMBING PLANS FOR CONTINUATION. | |
| S | CONNECT TO WASTE LINE. SEE PLUMBING PLANS FOR CONTINUATION. SIZE AS NOTED. | |
| W | CONNECT TO COLD WATER SYSTEM. SEE PLUMBING PLANS FOR CONTINUATION. SIZE AS NOTED. | |
| !! | UTILITY CROSSING. PROVIDE 12" MIN. CLEARANCE, U.N.O. | |

UTILITY LABEL LEGEND



STRUCTURE TYPE

CALLOUT	DESCRIPTION	DETAIL REF.
AD	AREA DRAIN	
BV	BUTTERFLY VALVE	
CO	CLEAN OUT	
DCVA	DOUBLE CHECK VALVE ASSEMBLY	
DDCV	DOUBLE DETECTOR CHECK VALVE	
FH	FIRE HYDRANT	
GM	GAS METER	
GV	GATE VALVE	
HB	HORIZONTAL BEND	
MH	MANHOLE	
STUB	STUB	
TB	THRUST BLOCK	
TEE	TEE CONNECTION	
WM	WATER METER	
WYE	WYE CONNECTION	



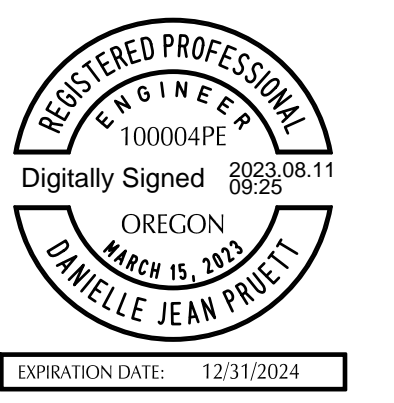
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BEAVERTON SCHOOL DISTRICT

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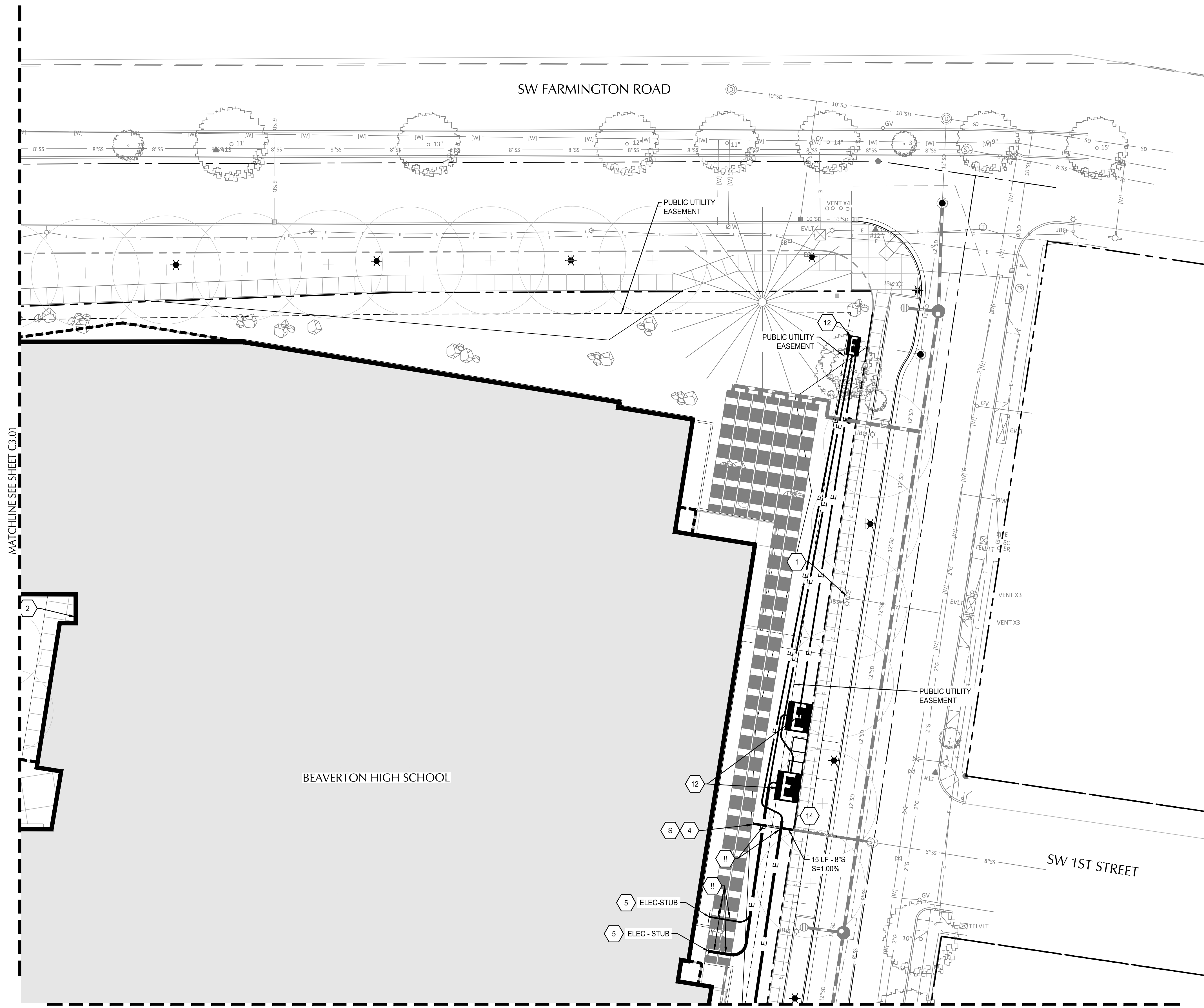


revisions	

phase	LAND USE RESUBMITTAL SET
date	08/11/2023
project	21016

UTILITY PLAN
C3.01

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 Plotted: 8/9/23 at 3:40pm By: dneadecker



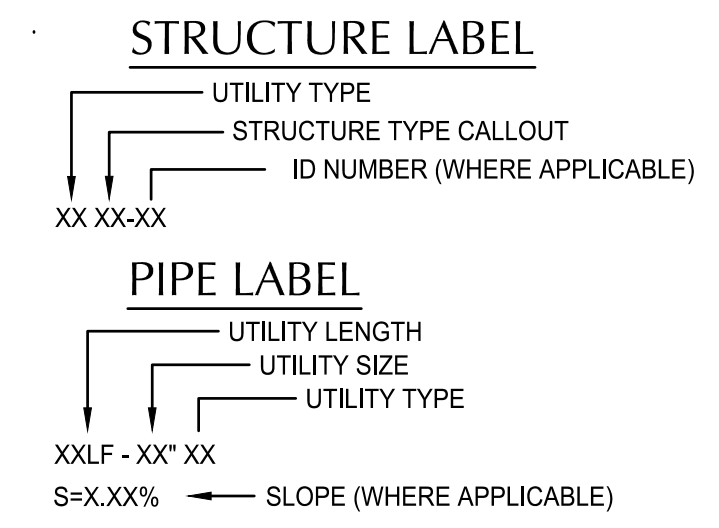
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MATCHLINE SEE SHEET C3.06

SHEET NOTES

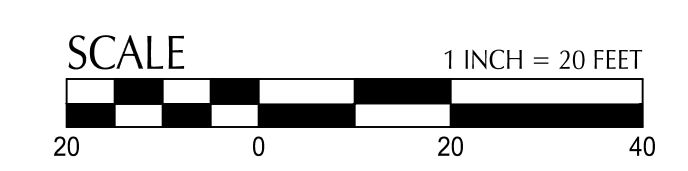
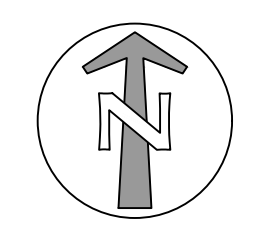
1. PIPE BEDDING AND BACKFILL FOR ALL UTILITIES SHALL BE DONE PER DETAIL 300/C5.05.
 2. STRUCTURES LOCATIONS ARE BASED ON CENTER OF STRUCTURE.
- KEY NOTES**
1. KILL EXISTING WATER SERVICE, BY WATER BUREAU.
 2. INSTALL BUILDING MOUNTED FIRE HYDRANT. REFERENCE FIRE PROTECTION PLANS.
 3. INSTALL BUILDING MOUNTED POST INDICATOR VALVE FOR BUILDING MOUNTED FIRE HYDRANT. VALVE IS TO REMAIN OPEN AT ALL TIMES. REFERENCE FIRE PROTECTION PLANS.
 4. REPLACE EXISTING SANITARY LATERAL.
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 6. INSTALL 4" RPBA
 7. INSTALL 2" NATURAL GAS SERVICE. CONTRACTOR TO COORDINATE WITH NORTHWEST NATURAL.
 8. RE-ROUTE ELECTRICAL AND TELECOMMUNICATION CONDUITS BETWEEN EXISTING SCHOOL BUILDING AND PROPOSED SCHOOL BUILDING. ELECTRICAL AND TELECOMMUNICATIONS CONDUITS ARE TO BE PLACED IN SEPARATE 15' WIDE EASEMENTS.
 9. PROTECT EXISTING FIRE HYDRANT
 10. CONNECT NEW ELECTRICAL FEED FOR CAFETERIA BUILDING TO EXISTING METER. REFERENCE ELECTRICAL PLANS.
 11. FIELD VERIFY LOCATION AND IE OF EXISTING 6" FIRE PROTECTION LINE. CONNECT TO EXISTING 6" FIRE PROTECTION LINE WITH 90° BEND.
 12. ELECTRICAL VAULT. REFERENCE ELECTRICAL PLANS FOR COMPONENTS AND CONNECTION INFORMATION.
 13. INSTALL DOUBLE CHECK VALVE ASSEMBLY AND VAULT CONNECT TO PUBLIC SANITARY. REFERENCE PUBLIC IMPROVEMENT PLANS FOR PUBLIC SANITARY INFORMATION.
 14. CONNECT TO EXISTING SANITARY LINE. CONTRACTOR TO POTHOLE EXISTING LINE AT POINT OF CONNECTION PRIOR TO INSTALLATION OF NEW LINE AND NOTIFY ENGINEER OF ANY DISCREPANCIES.
 15. INSTALL AREA DRAIN AT CENTER OF GARBAGE ENCLOSURE.
 16. AUXILIARY POTABLE WATER CONNECTION
 17. CONNECT TO FIRE PROTECTION SYSTEM. SIZE AS NOTED. SEE PLUMBING PLANS FOR CONTINUATION.
 - FP. CONNECT TO GAS METER. CONTRACTOR TO COORDINATE WITH GAS COMPANY. SEE PLUMBING PLANS FOR CONTINUATION.
 - G. CONNECT TO WASTE LINE. SEE PLUMBING PLANS FOR CONTINUATION. SIZE AS NOTED.
 - S. CONNECT TO COLD WATER SYSTEM. SEE PLUMBING PLANS FOR CONTINUATION. SIZE AS NOTED.
 - W. UTILITY CROSSING. PROVIDE 12" MIN. CLEARANCE, U.N.O.

UTILITY LABEL LEGEND



STRUCTURE TYPE

CALLOUT	DESCRIPTION	DETAIL REF.
AD	AREA DRAIN	
BV	BUTTERFLY VALVE	
CO	CLEAN OUT	
DCVA	DOUBLE CHECK VALVE ASSEMBLY	
DDCV	DOUBLE DETECTOR CHECK VALVE	
FH	FIRE HYDRANT	
GM	GAS METER	
GV	GATE VALVE	
HB	HORIZONTAL BEND	
MH	MANHOLE	
STUB	STUB	
TB	THRUST BLOCK	
TEE	TEE CONNECTION	
WM	WATER METER	
WYE	WYE CONNECTION	



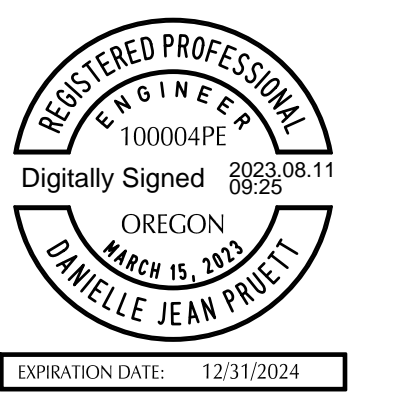
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BEAVERTON SCHOOL DISTRICT

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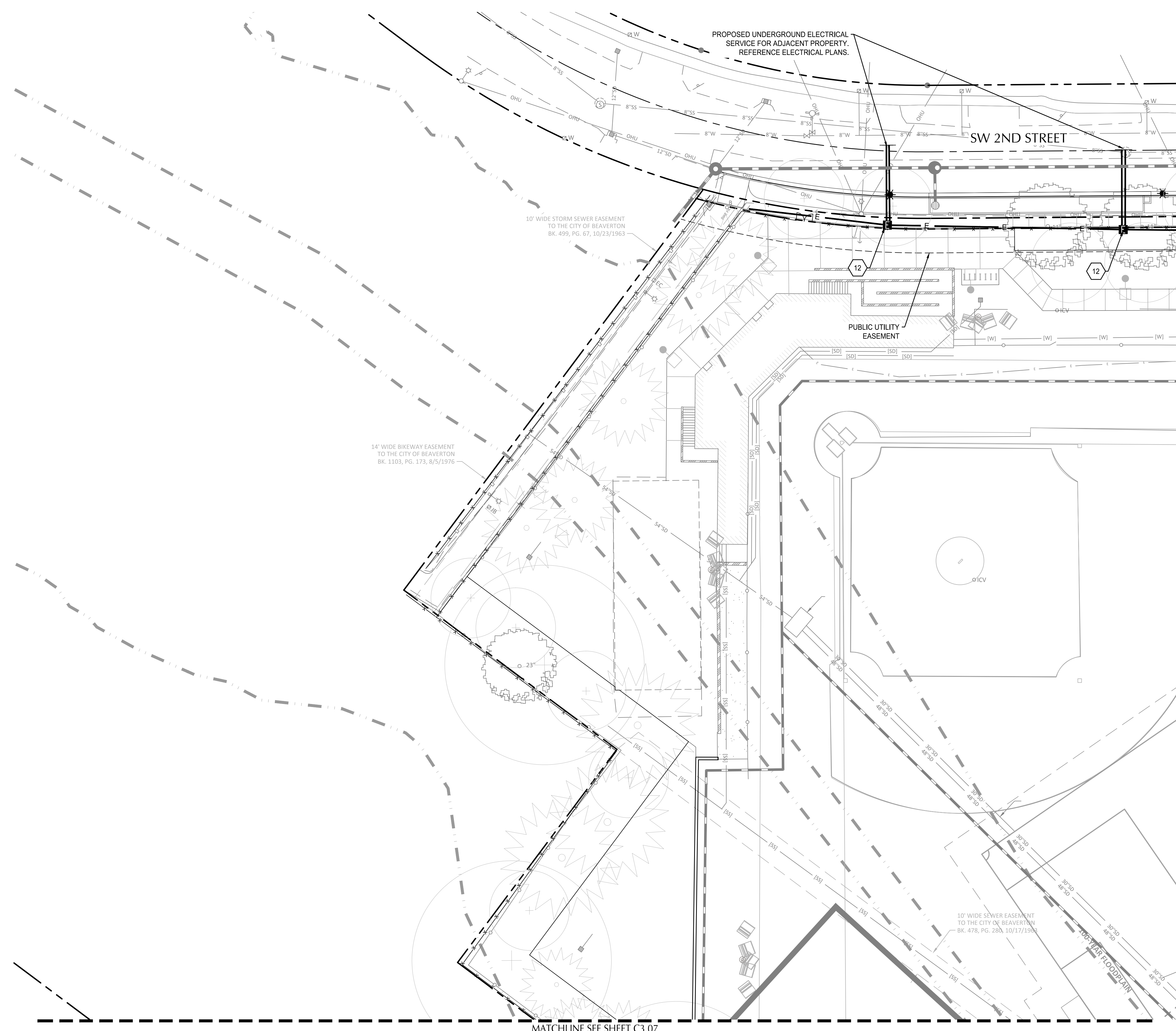


revisions	

phase	LAND USE RESUBMITTAL SET
date	08/11/2023
project	21016

UTILITY PLAN
C3.02

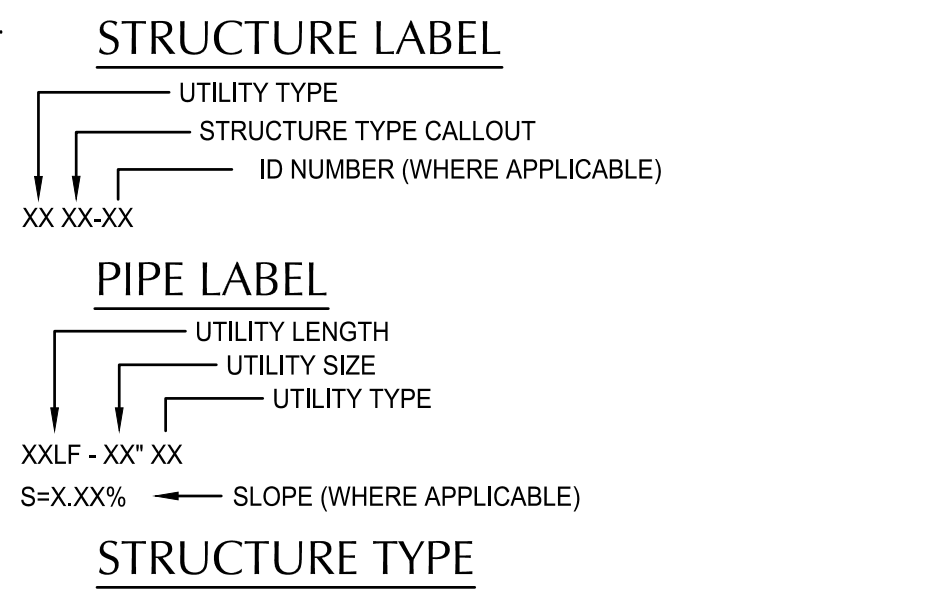
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 Plotted: 8/9/23 at 3:40pm By: dneadecker



SHEET NOTES

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| 4 | REPLACE EXISTING SANITARY LATERAL. | |
| 5 | BUILDING CONNECTION FOR ELECTRICAL CONDUITS. REFERENCE ELECTRICAL PLANS FOR NUMBER AND SIZE OF CONDUITS. | |
| 6 | INSTALL 4" RPBA | |
| 7 | INSTALL 2" NATURAL GAS SERVICE. CONTRACTOR TO COORDINATE WITH NORTHWEST NATURAL. | |
| 8 | RE-ROUTE ELECTRICAL AND TELECOMMUNICATION CONDUITS BETWEEN EXISTING SCHOOL BUILDING AND PROPOSED SCHOOL BUILDING. ELECTRICAL AND TELECOMMUNICATIONS CONDUITS ARE TO BE PLACED IN SEPARATE 15' WIDE EASEMENTS. | |
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| 11 | FIELD VERIFY LOCATION AND IE OF EXISTING 6" FIRE PROTECTION LINE. CONNECT TO EXISTING 6" FIRE PROTECTION LINE WITH 90° BEND. | |
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| 16 | AUXILIARY POTABLE WATER CONNECTION | 1/C5.9 |
| FP | CONNECT TO FIRE PROTECTION SYSTEM. SIZE AS NOTED. SEE PLUMBING PLANS FOR CONTINUATION. | |
| G | CONNECT TO GAS METER. CONTRACTOR TO COORDINATE WITH GAS COMPANY. SEE PLUMBING PLANS FOR CONTINUATION. | |
| S | CONNECT TO WASTE LINE. SEE PLUMBING PLANS FOR CONTINUATION. SIZE AS NOTED. | |
| W | CONNECT TO COLD WATER SYSTEM. SEE PLUMBING PLANS FOR CONTINUATION. SIZE AS NOTED. | |
| !! | UTILITY CROSSING. PROVIDE 12" MIN. CLEARANCE, U.N.O. | |

UTILITY LABEL LEGEND



STRUCTURE TYPE

CALLOUT	DESCRIPTION	DETAIL REF.
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BV	BUTTERFLY VALVE	
CO	CLEAN OUT	
DCVA	DOUBLE CHECK VALVE ASSEMBLY	
DDCV	DOUBLE DETECTOR CHECK VALVE	
FH	FIRE HYDRANT	
GM	GAS METER	
GV	GATE VALVE	
HB	HORIZONTAL BEND	
MH	MANHOLE	
STUB	STUB	
TB	THRUST BLOCK	
TEE	TEE CONNECTION	
WM	WATER METER	
WYE	WYE CONNECTION	



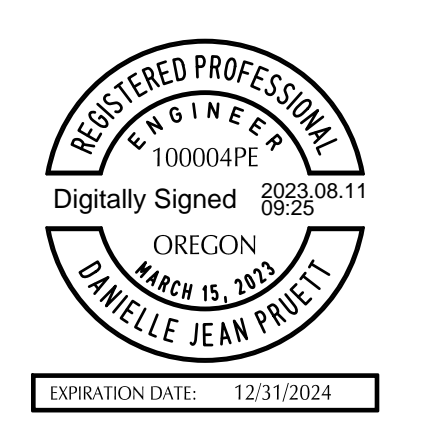
111 SW Fifth Ave., Suite 2600
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BEAVERTON HIGH SCHOOL REBUILD

13000 SW 2ND STREET
 BEAVERTON, OREGON 97005

BEAVERTON SCHOOL DISTRICT

T 503-356-4500

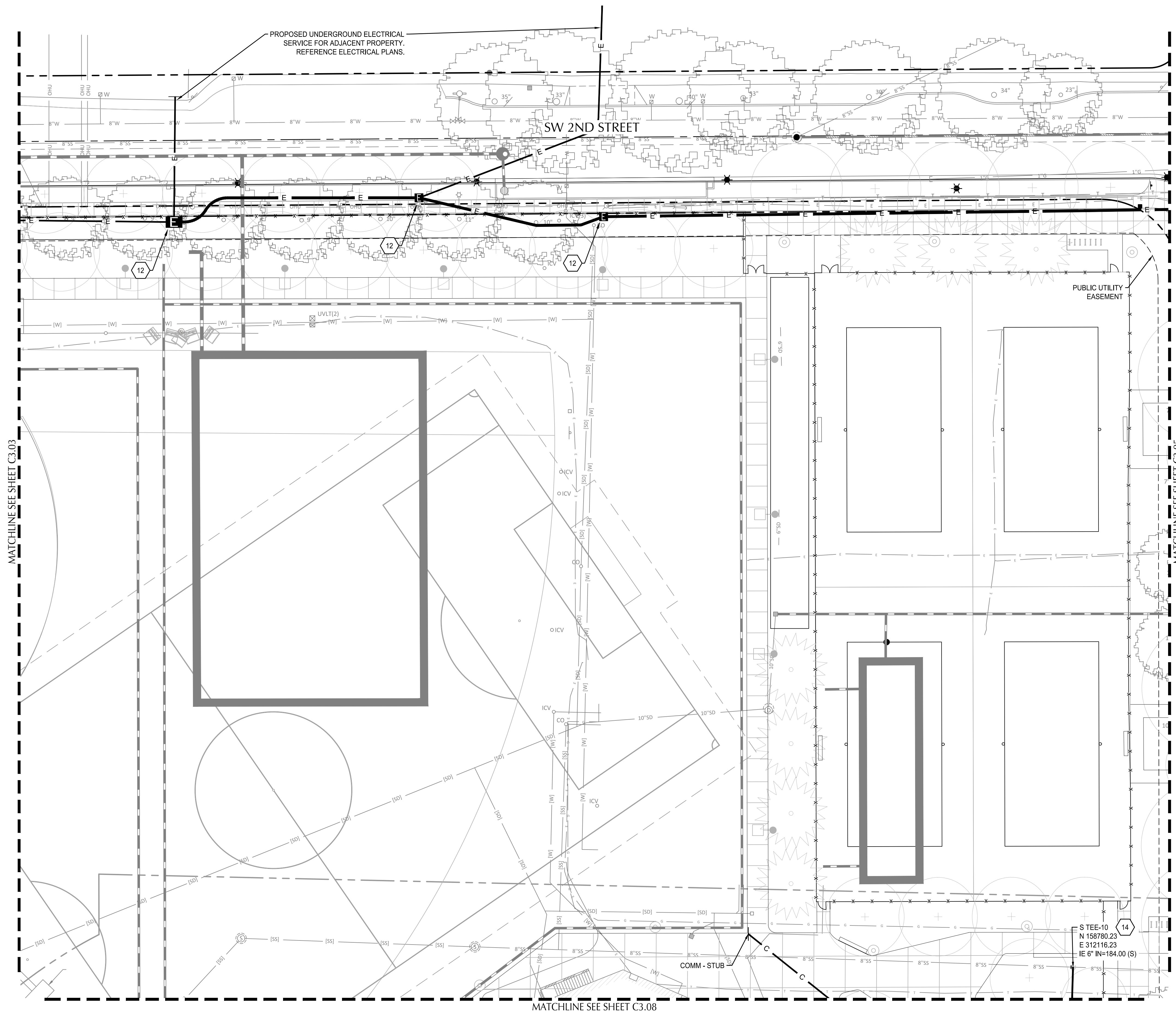


revisions	

phase	LAND USE RESUBMITTAL SET
date	08/11/2023
project	21016

UTILITY PLAN
C3.03

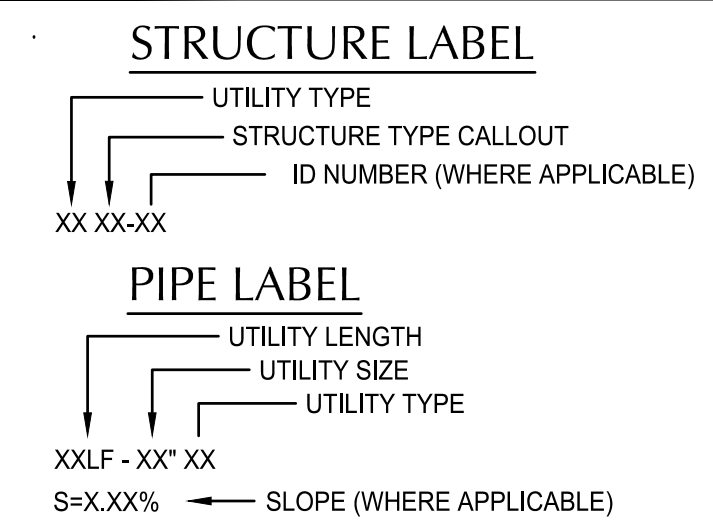
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Plotter: 9/9/23 at 3:40pm By: dneadecker



SHEET NOTES

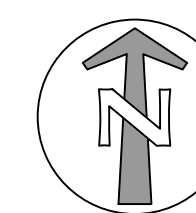
- PIPE BEDDING AND BACKFILL FOR ALL UTILITIES SHALL BE DONE PER DETAIL 300/C5.05.
 - STRUCTURES LOCATIONS ARE BASED ON CENTER OF STRUCTURE.
- KEY NOTES**
- | NOTE | DESCRIPTION | DETAIL REF. |
|------|---|-------------|
| 1 | KILL EXISTING WATER SERVICE, BY WATER BUREAU. | |
| 2 | INSTALL BUILDING MOUNTED FIRE HYDRANT. REFERENCE FIRE PROTECTION PLANS. | |
| 3 | INSTALL BUILDING MOUNTED POST INDICATOR VALVE FOR BUILDING MOUNTED FIRE HYDRANT. VALVE IS TO REMAIN OPEN AT ALL TIMES. REFERENCE FIRE PROTECTION PLANS. | |
| 4 | REPLACE EXISTING SANITARY LATERAL. | |
| 5 | BUILDING CONNECTION FOR ELECTRICAL CONDUITS. REFERENCE ELECTRICAL PLANS FOR NUMBER AND SIZE OF CONDUITS. | |
| 6 | INSTALL 4" RPBA | |
| 7 | INSTALL 2" NATURAL GAS SERVICE. CONTRACTOR TO COORDINATE WITH NORTHWEST NATURAL. | |
| 8 | RE-ROUTE ELECTRICAL AND TELECOMMUNICATION CONDUITS BETWEEN EXISTING SCHOOL BUILDING AND PROPOSED SCHOOL BUILDING. ELECTRICAL AND TELECOMMUNICATIONS CONDUITS ARE TO BE PLACED IN SEPARATE 15' WIDE EASEMENTS. | |
| 9 | PROTECT EXISTING FIRE HYDRANT | |
| 10 | CONNECT NEW ELECTRICAL FEED FOR CAFETERIA BUILDING TO EXISTING METER. REFERENCE ELECTRICAL PLANS. | |
| 11 | FIELD VERIFY LOCATION AND IE OF EXISTING 6" FIRE PROTECTION LINE. CONNECT TO EXISTING 6" FIRE PROTECTION LINE WITH 90° BEND. | |
| 12 | ELECTRICAL VAULT. REFERENCE ELECTRICAL PLANS FOR COMPONENTS AND CONNECTION INFORMATION. | |
| 13 | INSTALL DOUBLE CHECK VAULT ASSEMBLY AND VAULT CONNECT TO PUBLIC SANITARY. REFERENCE PUBLIC IMPROVEMENT PLANS FOR PUBLIC SANITARY INFORMATION. | |
| 14 | CONNECT TO EXISTING SANITARY LINE. CONTRACTOR TO POTHOLE EXISTING LINE AT POINT OF CONNECTION PRIOR TO INSTALLATION OF NEW LINE AND NOTIFY ENGINEER OF ANY DISCREPANCIES. | |
| 15 | INSTALL AREA DRAIN AT CENTER OF GARBAGE ENCLOSURE. | |
| 16 | AUXILIARY POTABLE WATER CONNECTION | |
| FP | CONNECT TO FIRE PROTECTION SYSTEM. SIZE AS NOTED. SEE PLUMBING PLANS FOR CONTINUATION. | |
| G | CONNECT TO GAS METER. CONTRACTOR TO COORDINATE WITH GAS COMPANY. SEE PLUMBING PLANS FOR CONTINUATION. | |
| S | CONNECT TO WASTE LINE. SEE PLUMBING PLANS FOR CONTINUATION. SIZE AS NOTED. | |
| W | CONNECT TO COLD WATER SYSTEM. SEE PLUMBING PLANS FOR CONTINUATION. SIZE AS NOTED. | |
| !! | UTILITY CROSSING. PROVIDE 12" MIN. CLEARANCE, U.N.O. | |

UTILITY LABEL LEGEND



STRUCTURE TYPE

CALLOUT	DESCRIPTION	DETAIL REF.
AD	AREA DRAIN	
BV	BUTTERFLY VALVE	
CO	CLEAN OUT	
DCVA	DOUBLE CHECK VALVE ASSEMBLY	
DDCV	DOUBLE DETECTOR CHECK VALVE	
FH	FIRE HYDRANT	
GM	GAS METER	
GV	GATE VALVE	
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MH	MANHOLE	
STUB	STUB	
TB	THRUST BLOCK	
TEE	TEE CONNECTION	
WM	WATER METER	
WYE	WYE CONNECTION	



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BEAVERTON
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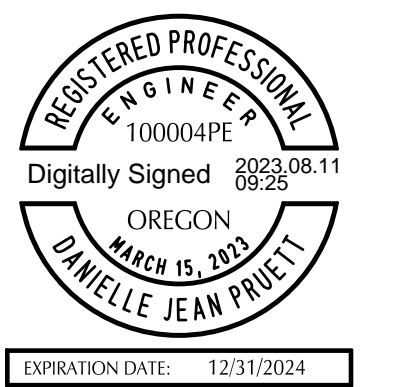
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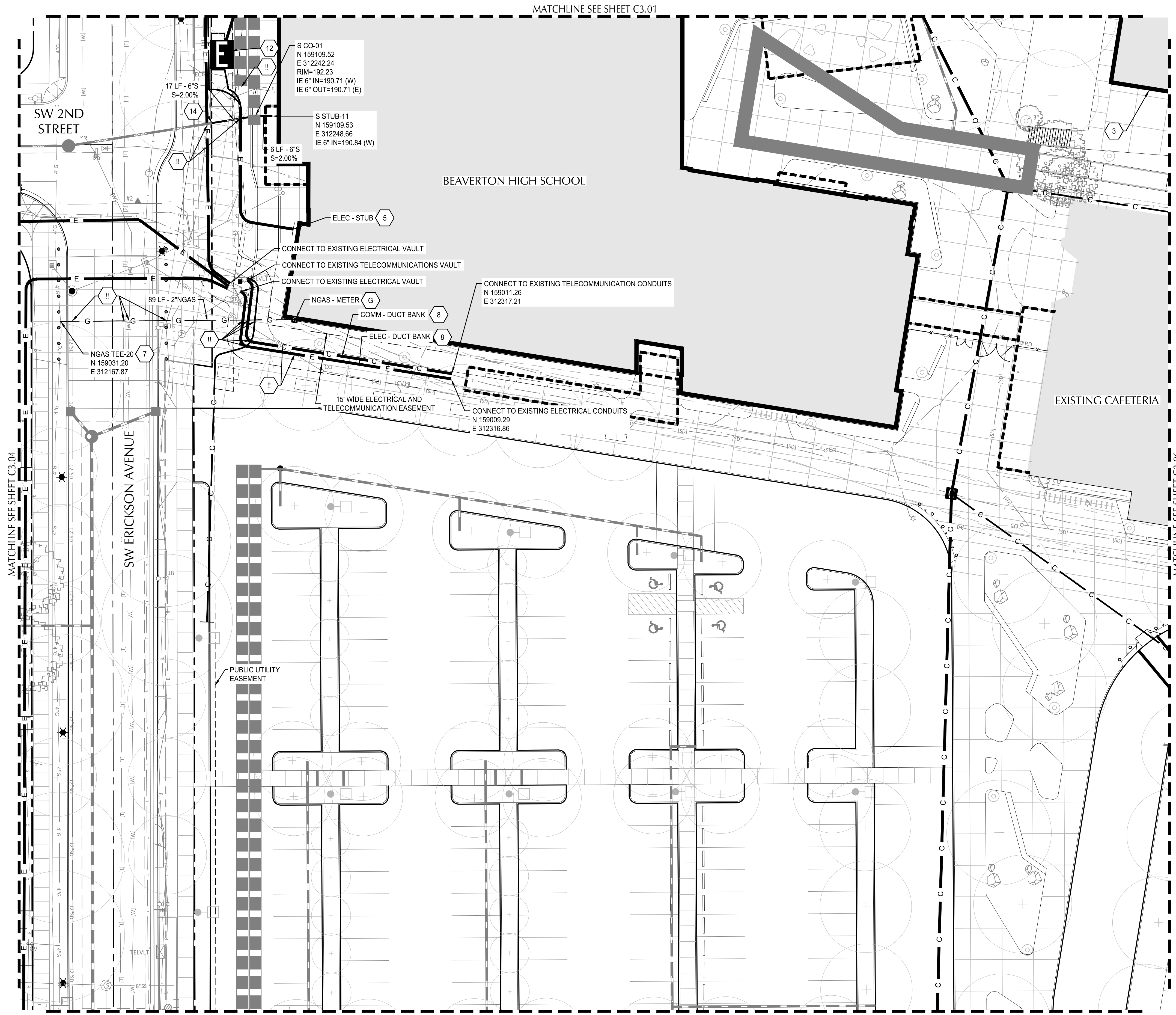


revisions	
phase	LAND USE RESUBMITTAL SET
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project	21016

UTILITY PLAN

C3.04

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 Plotted: 8/9/23 at 3:40pm By: dneidecker



MATCHLINE SEE SHEET C3.01

MATCHLINE SEE SHEET C3.04

MATCHLINE SEE SHEET C3.06

MATCHLINE SEE SHEET C3.09

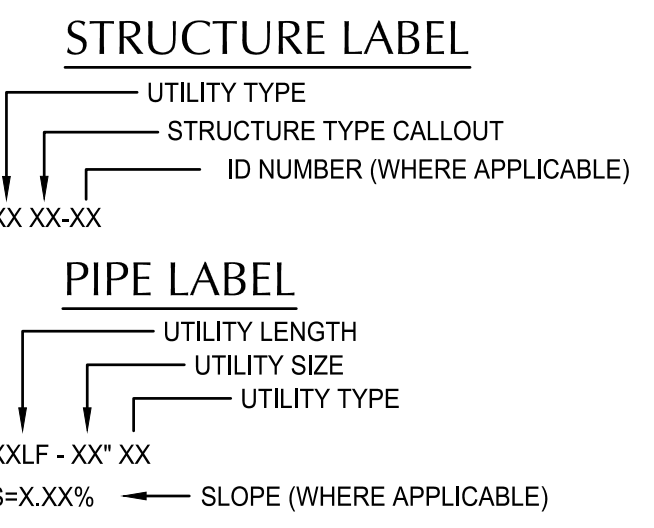
SHEET NOTES

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KEY NOTES

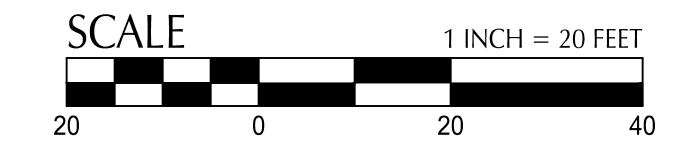
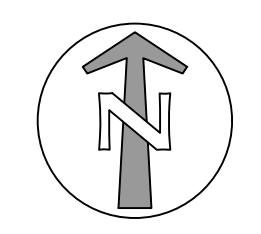
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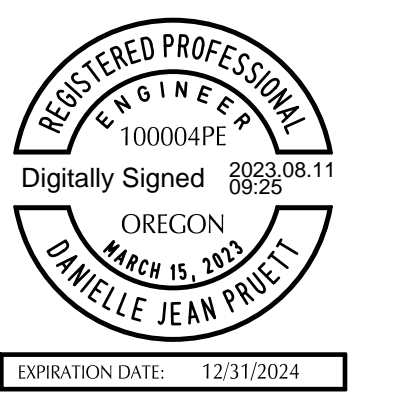
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UTILITY PLAN C3.05