

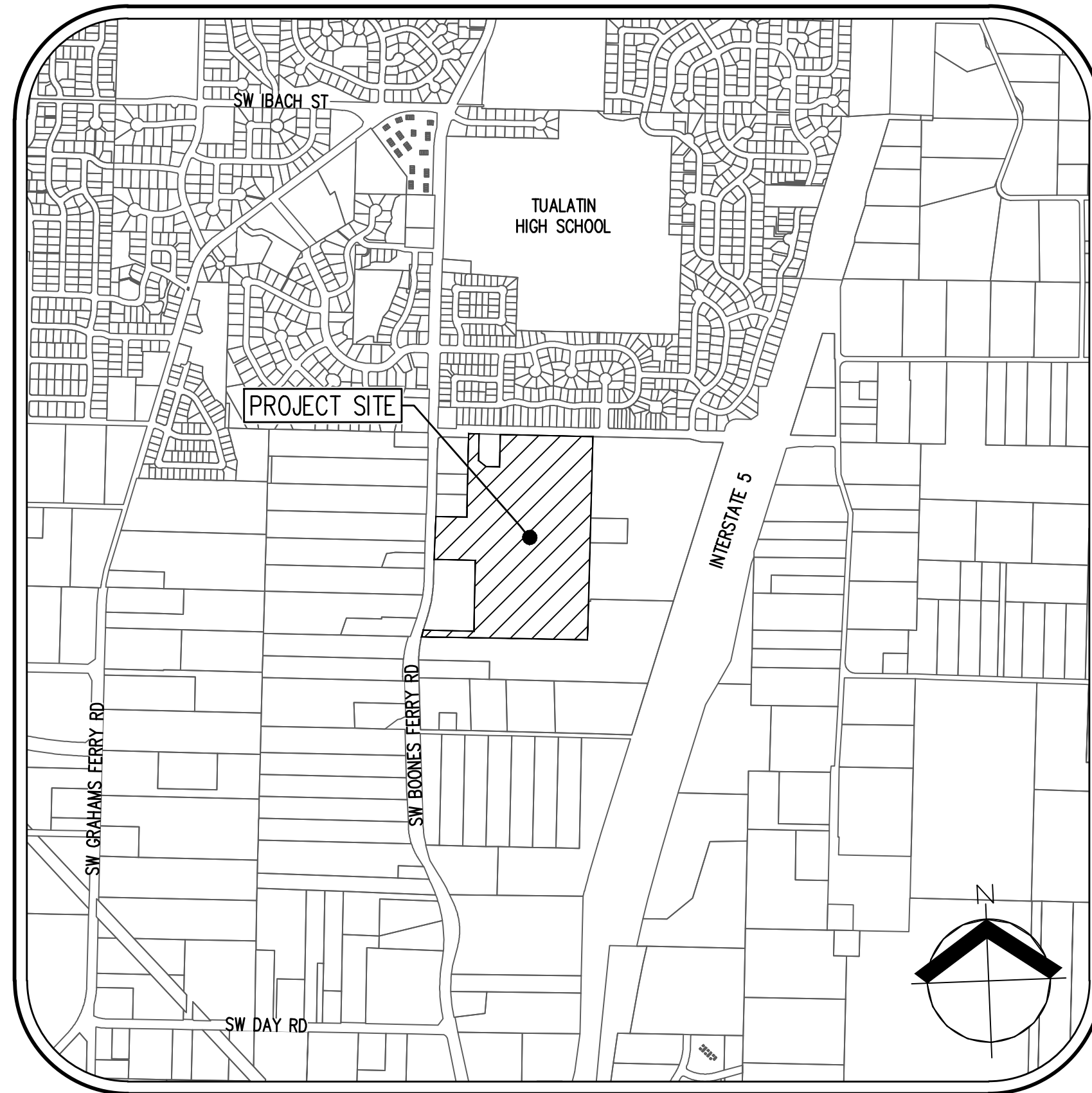
HORIZON COMMUNITY CHURCH EXPANSION



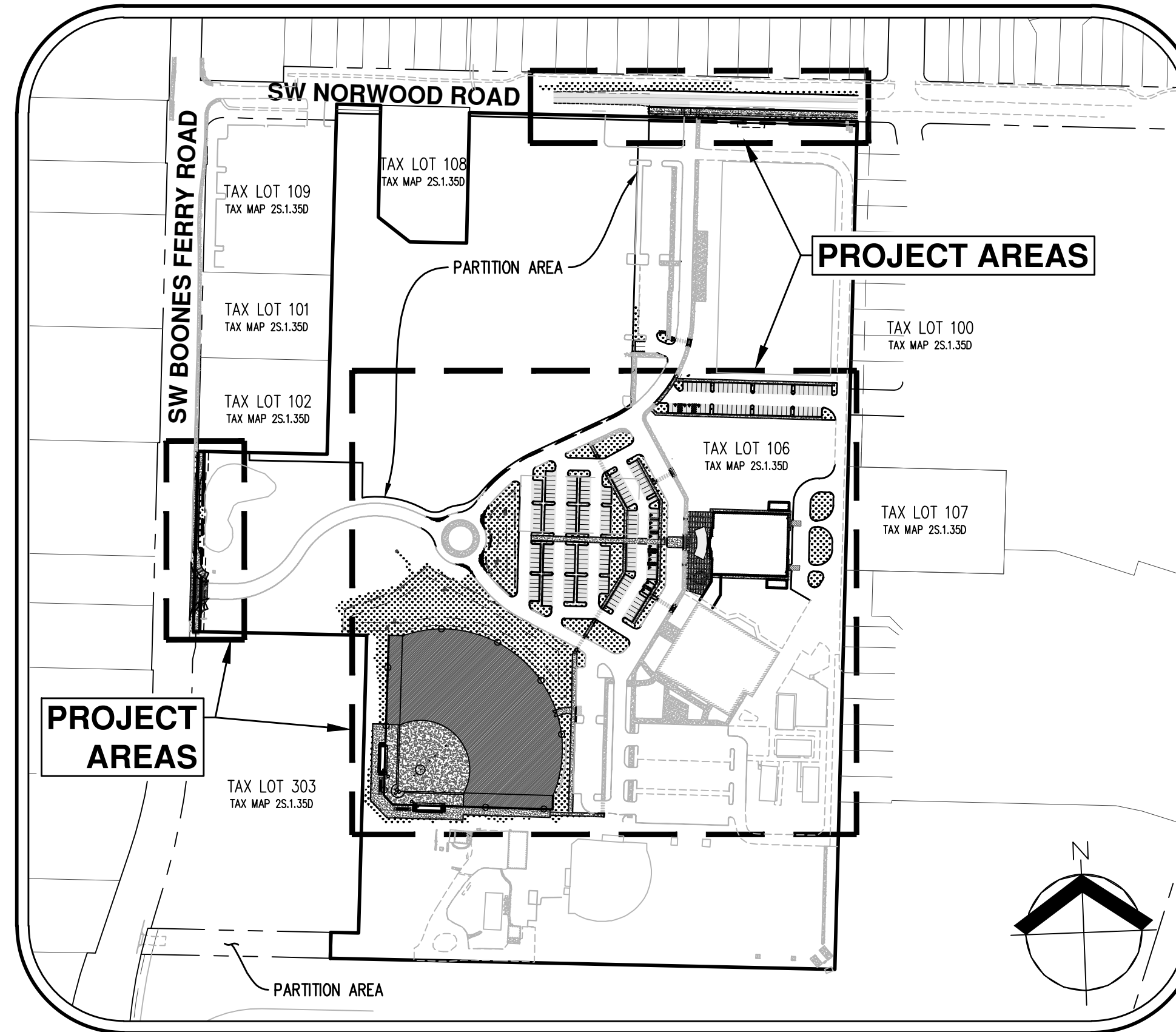
AKS
 ENGINEERING & FORESTRY, LLC
 12965 SW HERMAN RD, STE 100
 TUALATIN, OR 97062
 503.563.6151
 WWW.AKS-ENG.COM
 ENGINEERING - SURVEYING - NATURAL RESOURCES
 FORESTRY - PLANNING - LANDSCAPE ARCHITECTURE

PRELIMINARY DEVELOPMENT REVIEW PLANS

LAND USE CASE FILE NUMBER: _____



VICINITY MAP
NTS

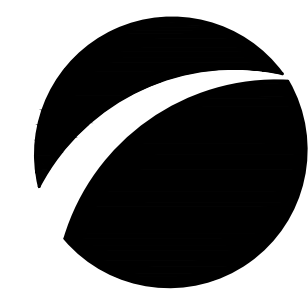


SITE MAP
NTS

		LEGEND																																																																									
	EXISTING	PROPOSED																																																																									
DECIDUOUS TREE																																																																											
CONIFEROUS TREE																																																																											
FIRE HYDRANT																																																																											
WATER BLOWOFF																																																																											
WATER METER																																																																											
WATER VALVE																																																																											
DOUBLE CHECK VALVE																																																																											
AIR RELEASE VALVE																																																																											
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SHEET LIST TABLE

P0	COVER SHEET WITH SITE MAP, VICINITY MAP, AND LEGEND
P1	EXISTING CONDITIONS PLAN - NORTH
P2	EXISTING CONDITIONS PLAN - SOUTH
P3	EXISTING CONDITIONS PLAN - NOTES
P4	PRELIMINARY DEMOLITION PLAN - PARKING LOT
P5	PRELIMINARY DEMOLITION PLAN - AUXILIARY SITES
P6	PRELIMINARY GRADING & ESC PLAN - PARKING LOT
P7	PRELIMINARY GRADING & ESC PLAN - BASEBALL FIELD
P8	PRELIMINARY GRADING & ESC PLAN - SW NORWOOD RD
P9	PRELIMINARY GRADING & ESC PLAN - SW BOONES FERRY ROAD
P10	PRELIMINARY SITE PLAN - PARKING LOT
P11	PRELIMINARY SITE PLAN - AUXILIARY SITES
P12	PRELIMINARY COMPOSITE UTILITY PLAN - PARKING LOT
P13	PRELIMINARY COMPOSITE UTILITY PLAN - AUXILIARY SITES
P14	PRELIMINARY GARBAGE AND FIRE ACCESS PLAN
P15	PRELIMINARY TREE PRESERVATION AND REMOVAL PLAN
P16	PRELIMINARY TREE PRESERVATION AND REMOVAL PLAN
P17	PRELIMINARY TREE PRESERVATION AND REMOVAL TABLE
P18	PRELIMINARY LANDSCAPE PLAN - PARKING LOT
P19	PRELIMINARY LANDSCAPE PLAN - AUXILIARY SITES
P20	PRELIMINARY LANDSCAPE NOTES AND PLANT SCHEDULE



Know what's below.
Call before you dig.

PROJECT TEAM

OWNER'S REPRESENTATIVE/APPLICANT

HORIZON COMMUNITY CHURCH
 236020 SW BOONES FERRY RD.
 TUALATIN, OR, 97062
 CONTACT: KEN ALLEN

CIVIL ENGINEERING/PLANNING/ SURVEYING/LANDSCAPE ARCHITECTURE

AKS ENGINEERING & FORESTRY, LLC.
 12965 SW HERMAN ROAD SUITE 100
 TUALATIN, OR 97062
 CONTACT: MIMI DOUKAS, AICP, RLA
 PHONE: 503.563.6151

AREA SUMMARY

PARENT PROPERTY AREA:	±38.1 ACRES
PARTITION PARCEL 1 (SUBJECT PROPERTY):	±29.4 ACRES
PARTITION PARCEL 2:	±8.3 ACRES
TRACT A:	±0.4 ACRES

PARCEL 1 IMPERVIOUS AREA:

	MODIFIED	REMOVED	UNALTERED	PROPOSED	TOTAL IMPERVIOUS
*PUBLIC RIGHT-OF-WAY:	±15,000 SF	±2,400 SF	±0 SF	±12,000 SF	±27,000 SF
PRIVATE PROPERTY:	±3,940 SF	±1,820 SF	±439,580 SF	±252,730 SF	±696,250 SF
TOTAL:	±18,940 SF	±4,220 SF	±439,580 SF	±264,730 SF	±723,250 SF

*NOTE: IMPERVIOUS SURFACES WITHIN THE PUBLIC RIGHT-OF-WAY BUT OUTSIDE THE AREA OF DISTURBANCE ARE NOT INCLUDED.

PROPERTY LOCATION

LOCATED AT 23370 SW BOONES FERRY ROAD.

PROPERTY DESCRIPTION

THE SITE INCLUDES A ±29.4 ACRE PORTION OF TAX LOT 106 OF THE WASHINGTON COUNTY ACCESSOR'S MAP 2S135D. LOCATED IN THE SE 1/4 OF SECTION 35, TOWNSHIP 2 SOUTH, RANGE 1 WEST, WILLAMETTE MERIDIAN, CITY OF TUALATIN, WASHINGTON COUNTY OREGON.

PROJECT PURPOSE

THE PURPOSE OF THIS PROJECT IS TO CONSTRUCT A NEW SANCTUARY AND BASEBALL FIELD ALONG WITH ASSOCIATED PARKING LOT AND FRONTAGE IMPROVEMENTS. SITE IMPROVEMENT WILL INCLUDE THE RE-CONFIGURATION AND UPDATE OF THE EXISTING STORMWATER FACILITIES AND ASSOCIATE UNDERGROUND UTILITIES.

VERTICAL DATUM

ELEVATIONS ARE BASED ON WASHINGTON COUNTY BENCHMARK NO. 967. LOCATED ON THE WEST CURB OF SW BOONES FERRY ROAD APPROXIMATELY 60 FEET SOUTH OF THE INTERSECTION OF SW NORWOOD ROAD. ELEVATION = 334.00 FEET (NGVD 29). CONVERTED TO NAVD 88 BY ADDING 3.52 FEET PER THE CITY OF TUALATIN ELEVATION = 337.52 FEET (NAVD 88).

EXISTING LAND USE

THE SUBJECT PROPERTY IS CURRENTLY DEVELOPED WITH EXISTING BUILDING (HORIZON COMMUNITY CHURCH AND HIGH SCHOOL), SPORTS FIELDS, AND ASSOCIATED PARKING LOTS. THE SITE IS OWNED BY THE HORIZON COMMUNITY CHURCH AND IS WITHIN THE INSTITUTIONAL ZONING DISTRICT.

PRIVATE UTILITIES

IN ADDITION TO LOCATING PUBLIC UTILITIES, CONTRACTOR IS RESPONSIBLE FOR HIRING A PRIVATE LOCATOR AND LOCATING ALL PRIVATE UTILITIES WITHIN THE PROJECT LIMITS.

COVER SHEET WITH SITE MAP, VICINITY MAP, AND LEGEND

HORIZON COMMUNITY CHURCH EXPANSION
TUALATIN OREGON

PRELIMINARY
NOT FOR
CONSTRUCTION

JOB NUMBER:	9349
DATE:	05/08/2024
DESIGNED BY:	CAK
DRAWN BY:	TBD
CHECKED BY:	CAK

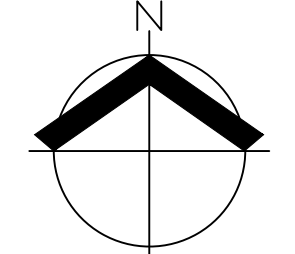
P0



EXISTING CONDITIONS PLAN - NORTH
HORIZON COMMUNITY CHURCH EXPANSION
HORIZON COMMUNITY CHURCH, TUALATIN, OREGON



MATCH LINE: SEE SHEET 2



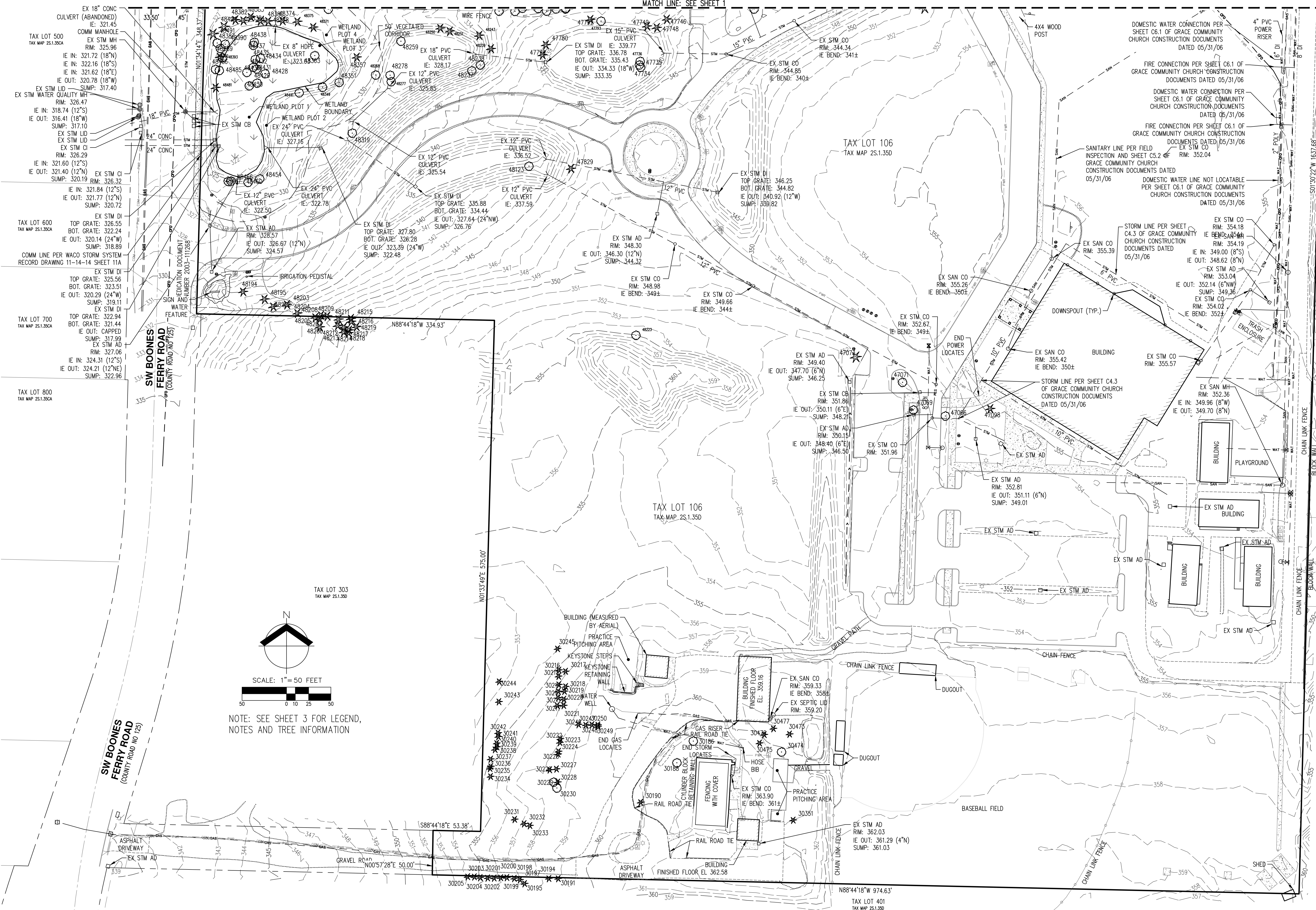
SCALE: 1" = 50 FEET

NOTE: SEE SHEET 3 FOR LEGEND,
NOTES AND TREE INFORMATION

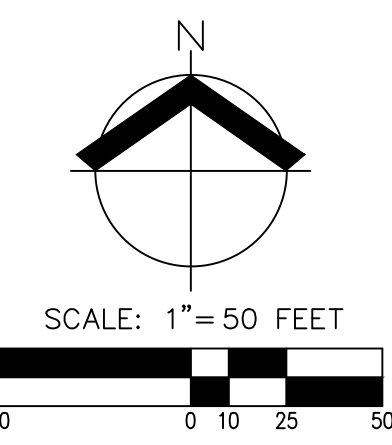
REGISTERED
PROFESSIONAL
LAND SURVEYOR
Nick White
OREGON
JANUARY 9, 2007
NICK WHITE
7065215
RENEWS: 6/30/24

JOB NUMBER: 9349
DATE: 05/08/2024
DESIGNED BY:
DRAWN BY: MSD
CHECKED BY: NSW

MATCH LINE: SEE SHEET 1

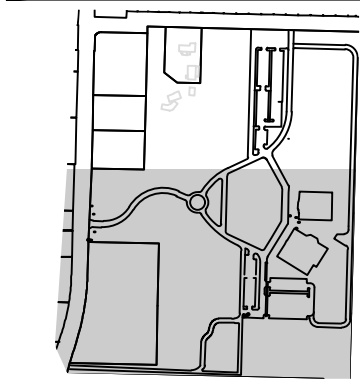


SW BOONES FERRY ROAD (COUNTY ROAD NO. 125)



NOTE: SEE SHEET 3 FOR LEGEND, NOTES AND TREE INFORMATION

AKS
 AKS ENGINEERING & FORESTRY, LLC
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 FORESTRY - PLANNING - LANDSCAPE ARCHITECTURE



EXISTING CONDITIONS PLAN - SOUTH
HORIZON COMMUNITY CHURCH EXPANSION
HORIZON COMMUNITY CHURCH, TUALATIN, OREGON

REGISTERED PROFESSIONAL LAND SURVEYOR
Noble White
 OREGON
 JANUARY 9, 2007
 NOX WHITE 7085215
 RENEWS: 6/30/24

JOB NUMBER: 9349
 DATE: 05/08/2024
 DESIGNED BY:
 DRAWN BY: MSD
 CHECKED BY: NSW

SHEET 1 TREE TABLES

TREE TABLE		
TREE NUMBER	TYPE	DBH (IN.)
13000	CONIFEROUS	17
13001	CONIFEROUS	15
13002	CONIFEROUS	15
13003	CONIFEROUS	11
13004	CONIFEROUS	10
13005	CONIFEROUS	6
13006	CONIFEROUS	19
13007	CONIFEROUS	14
13008	CONIFEROUS	13
13009	CONIFEROUS	17
13010	CONIFEROUS	15
13011	CONIFEROUS	11
13012	CONIFEROUS	11
13013	CONIFEROUS	10
13014	CONIFEROUS	7
13015	CONIFEROUS	15
13016	CONIFEROUS	12
13017	CONIFEROUS	15
13018	CONIFEROUS	16
13019	CONIFEROUS	17
13020	CONIFEROUS	16
13021	CONIFEROUS	15
13022	CONIFEROUS	15
13023	CONIFEROUS	14
13024	CONIFEROUS	17
13025	CONIFEROUS	14
13026	CONIFEROUS	12
13027	CONIFEROUS	19
13028	CONIFEROUS	20
13029	CONIFEROUS	15
13030	CONIFEROUS	14
13031	CONIFEROUS	20
13032	CONIFEROUS	17
13033	CONIFEROUS	14
13034	CONIFEROUS	17
13035	CONIFEROUS	26
13036	CONIFEROUS	17
13037	CONIFEROUS	13
13038	CONIFEROUS	14
13039	CONIFEROUS	18
13040	CONIFEROUS	18
13041	CONIFEROUS	12
13042	CONIFEROUS	9
13043	CONIFEROUS	19
13044	CONIFEROUS	13
13045	CONIFEROUS	12
13046	CONIFEROUS	11
13047	CONIFEROUS	17
13048	CONIFEROUS	16
13049	CONIFEROUS	14
13050	CONIFEROUS	17
13051	CONIFEROUS	6
13052	CONIFEROUS	9
13053	CONIFEROUS	8
13054	CONIFEROUS	15
13055	CONIFEROUS	11
13056	CONIFEROUS	15
13057	CONIFEROUS	16
13058	CONIFEROUS	9
13059	CONIFEROUS	18
13060	CONIFEROUS	10
13061	CONIFEROUS	8
13062	CONIFEROUS	10
13063	CONIFEROUS	11
13064	CONIFEROUS	12
13065	CONIFEROUS	15

TREE TABLE		
TREE NUMBER	TYPE	DBH (IN.)
13066	CONIFEROUS	22
13067	CONIFEROUS	9
13068	CONIFEROUS	11
13069	CONIFEROUS	9
13070	CONIFEROUS	10
13071	CONIFEROUS	13
13072	CONIFEROUS	13
13073	CONIFEROUS	15
13074	CONIFEROUS	13
13075	CONIFEROUS	12
13076	CONIFEROUS	12
13077	CONIFEROUS	14
13078	CONIFEROUS	7
13079	CONIFEROUS	16
13080	CONIFEROUS	11
13081	CONIFEROUS	11
13082	CONIFEROUS	19
13083	CONIFEROUS	13
13084	CONIFEROUS	13
13085	CONIFEROUS	10
13086	CONIFEROUS	8
13087	CONIFEROUS	8
13088	CONIFEROUS	9
13089	CONIFEROUS	11
13090	CONIFEROUS	8
13091	CONIFEROUS	20
13092	CONIFEROUS	19
13093	CONIFEROUS	9
13094	CONIFEROUS	8
13095	CONIFEROUS	10
13096	CONIFEROUS	10
13097	CONIFEROUS	14
13098	CONIFEROUS	18
13099	CONIFEROUS	7
13100	CONIFEROUS	9
13101	CONIFEROUS	18
13102	CONIFEROUS	15
13103	CONIFEROUS	14
13104	CONIFEROUS	9
13105	CONIFEROUS	11
13106	CONIFEROUS	6
13107	CONIFEROUS	8
13108	CONIFEROUS	7
13109	CONIFEROUS	11
13110	CONIFEROUS	8
13111	CONIFEROUS	15
13112	CONIFEROUS	13
13113	CONIFEROUS	20
13114	CONIFEROUS	7
13115	CONIFEROUS	7
13116	CONIFEROUS	12
13117	CONIFEROUS	6
13118	CONIFEROUS	9
13119	CONIFEROUS	12
13120	CONIFEROUS	9
13121	CONIFEROUS	14
13122	CONIFEROUS	9
13123	CONIFEROUS	13
13125	CONIFEROUS	9
13126	CONIFEROUS	16
13127	CONIFEROUS	8
13128	CONIFEROUS	9
13129	CONIFEROUS	11
13130	CONIFEROUS	19
13131	DECIDUOUS	10
13132	CONIFEROUS	11

TREE TABLE		
TREE NUMBER	TYPE	DBH (IN.)
13133	CONIFEROUS	14
13134	CONIFEROUS	12
13135	CONIFEROUS	7
13136	CONIFEROUS	14
13137	CONIFEROUS	17
13138	CONIFEROUS	11
13139	CONIFEROUS	8
13140	CONIFEROUS	7
13141	CONIFEROUS	16
13142	CONIFEROUS	14
13143	CONIFEROUS	16
13144	CONIFEROUS	10
13145	CONIFEROUS	12
13146	CONIFEROUS	10
13147	CONIFEROUS	8
13148	CONIFEROUS	10
13149	CONIFEROUS	6
13150	CONIFEROUS	8
13151	DECIDUOUS	10
13152	CONIFEROUS	14
13153	CONIFEROUS	12
13154	CONIFEROUS	15
13155	CONIFEROUS	8
13156	CONIFEROUS	19
13157	CONIFEROUS	16
13158	CONIFEROUS	11
13159	CONIFEROUS	16
13160	CONIFEROUS	11
13161	CONIFEROUS	8
13162	CONIFEROUS	12
13163	CONIFEROUS	6
13164	CONIFEROUS	13
13165	CONIFEROUS	19
13166	CONIFEROUS	6
13167	CONIFEROUS	14
13168	CONIFEROUS	17
13247	CONIFEROUS	14
13248	CONIFEROUS	6
13249	CONIFEROUS	7
13250	CONIFEROUS	28
13251	CONIFEROUS	23
13252	CONIFEROUS	30
13253	CONIFEROUS	9
13254	CONIFEROUS	23
13255	CONIFEROUS	22
13256	CONIFEROUS	15
13445	DECIDUOUS	6,9
13470	CONIFEROUS	16
13885	DECIDUOUS	33
13953	DECIDUOUS	24
13956	DECIDUOUS	23
13994	DECIDUOUS	21
14004	DECIDUOUS	21
14016	DECIDUOUS	24
14036	DECIDUOUS	11
14203	CONIFEROUS	18
14955	DECIDUOUS	10
15034	DECIDUOUS	8
15054	DECIDUOUS	10
15093	DECIDUOUS	8
15100	DECIDUOUS	9
15233	CONIFEROUS	31
15238	CONIFEROUS	25
15240	CONIFEROUS	25
15241	CONIFEROUS	19
15243	CONIFEROUS	19

TREE TABLE		
TREE NUMBER	TYPE	DBH (IN.)
15244	CONIFEROUS	20
15246	CONIFEROUS	23
15286	CONIFEROUS	24
15288	CONIFEROUS	23
15289	CONIFEROUS	25
15291	CONIFEROUS	23
15293	CONIFEROUS	15
15295	CONIFEROUS	21
15305	CONIFEROUS	34
15315	CONIFEROUS	8
15318	CONIFEROUS	11
15368	DECIDUOUS	14,21
15388	CONIFEROUS	12
15389	CONIFEROUS	12
15390	CONIFEROUS	16
15391	CONIFEROUS	9,15
15394	CONIFEROUS	16
15421	DECIDUOUS	17
15427	CONIFEROUS	20
15428	CONIFEROUS	22
15429	CONIFEROUS	25
15431	CONIFEROUS	23
15432	CONIFEROUS	16
15434	CONIFEROUS	28
15435	CONIFEROUS	21
15436	CONIFEROUS	21
15438	CONIFEROUS	20
15439	CONIFEROUS	31
15440	CONIFEROUS	21
15441	CONIFEROUS	25
15443	CONIFEROUS	21
15444	CONIFEROUS	27
15445	CONIFEROUS	21
15451	CONIFEROUS	20
15452	CONIFEROUS	8
15456	DECIDUOUS	8
15457	DECIDUOUS	6
15463	CONIFEROUS	19
15464	CONIFEROUS	18
15467	CONIFEROUS	22
15468	CONIFEROUS	30
15469	CONIFEROUS	24
15493	DECIDUOUS	6
15517	CONIFEROUS	24
15518	CONIFEROUS	34
15533	CONIFEROUS	24
15548	CONIFEROUS	16
15553	CONIFEROUS	46
15595	CONIFEROUS	34
15609	DECIDUOUS	7
15621	CONIFEROUS	24
15623	CONIFEROUS	12
15625	CONIFEROUS	10
15626	CONIFEROUS	29
15627	CONIFEROUS	11
15629	CONIFEROUS	14
15634	CONIFEROUS	27
15638	CONIFEROUS	28
15647	DECIDUOUS	6
15648	CONIFEROUS	32
15649	CONIFEROUS	21
15652	CONIFEROUS	25
15653	CONIFEROUS	22
15654	CONIFEROUS	19
15656	CONIFEROUS	21
15657	CONIFEROUS	19

TREE TABLE		
TREE NUMBER	TYPE	DBH (IN.)
15658	CONIFEROUS	26
15659	CONIFEROUS	13
15671	DECIDUOUS	16
15672	DECIDUOUS	9,16,16,19
15678	CONIFEROUS	10,36
15684	CONIFEROUS	6
15685	CONIFEROUS	42
15686	CONIFEROUS	21
15690	CONIFEROUS	26
15695	DECIDUOUS	7
15696	DECIDUOUS	7
15733	DECIDUOUS	14
15734	DECIDUOUS	8,12
15737	CONIFEROUS	48
15794	DECIDUOUS	8
15843	CONIFEROUS	9,14,18,22
15892	CONIFEROUS	20
15893	CONIFEROUS	13
15894	CONIFEROUS	20
15895	CONIFEROUS	19
15896	CONIFEROUS	11
15897	CONIFEROUS	24
15898	CONIFEROUS	11
15899	CONIFEROUS	19
15900	CONIFEROUS	16
15901	CONIFEROUS	18
15902	CONIFEROUS	20
15903	CONIFEROUS	27
15938	DECIDUOUS	16
15962	CONIFEROUS	23
20602	CONIFEROUS	18
20603	CONIFEROUS	18
20604	CONIFEROUS	19
20605	CONIFEROUS	21
20606	CONIFEROUS	11
20607	CONIFEROUS	25
20608	CONIFEROUS	19
20609	DECIDUOUS	8,10,11
20610	CONIFEROUS	11
20611	CONIFEROUS	13
20612	CONIFEROUS	17
20613	CONIFEROUS	15
20614	CONIFEROUS	8
20615	CONIFEROUS	10
20616	CONIFEROUS	17
20617	CONIFEROUS	23
20618	CONIFEROUS	15
20619	CONIFEROUS	23
20620	CONIFEROUS	17
20621	CONIFEROUS	8
20622	CONIFEROUS	16
20623	CONIFEROUS	14
20624	CONIFEROUS	21
20625	CONIFEROUS	14
20626	CONIFEROUS	16
20627	CONIFEROUS	9
20628	CONIFEROUS	6
20629	CONIFEROUS	9
20630	CONIFEROUS	17
20631	CONIFEROUS	15
20632	CONIFEROUS	12
20633	CONIFEROUS	7
20634	CONIFEROUS	14
20635	CONIFEROUS	8
20636	CONIFEROUS	10
20637	CONIFEROUS	23

TREE TABLE		
TREE NUMBER	TYPE	DBH (IN.)
20638	CONIFEROUS	12
20639	CONIFEROUS	12
20640	CONIFEROUS	18
20641	CONIFEROUS	20
20642	CONIFEROUS	16
20643	CONIFEROUS	15
20644	CONIFEROUS	34
20645	CONIFEROUS	46
20646	CONIFEROUS	35
20647	CONIFEROUS	50
20648	CONIFEROUS	18
20649	CONIFEROUS	12
20650	CONIFEROUS	22
20651	CONIFEROUS	20
20674	DECIDUOUS	9,11
20677	CONIFEROUS	15
20691	CONIFEROUS	14
20692	CONIFEROUS	9
20693	CONIFEROUS	11,14,14
20694	CONIFEROUS	8,11
20695	CONIFEROUS	33
20696	CONIFEROUS	31
20697	CONIFEROUS	20
20698	CONIFEROUS	25
20699	CONIFEROUS	22
20700	CONIFEROUS	18
20701	CONIFEROUS	19
20702	CONIFEROUS	22
20703	CONIFEROUS	19
20704	CONIFEROUS	19
20705	DECIDUOUS	18
20706	CONIFEROUS	35
20707	CONIFEROUS	16
20708	CONIFEROUS	24
20709	CONIFEROUS	23
20710	CONIFEROUS	17
47194	DECIDUOUS	14
47195	DECIDUOUS	14
47198	DECIDUOUS	13
47199	DECIDUOUS	14
47201	DECIDUOUS	14
47784	DECIDUOUS	9
47786	DECIDUOUS	6,6,6,7,8
47791	DECIDUOUS	16
48540	CONIFEROUS	14

SHEET 2 TREE TABLES

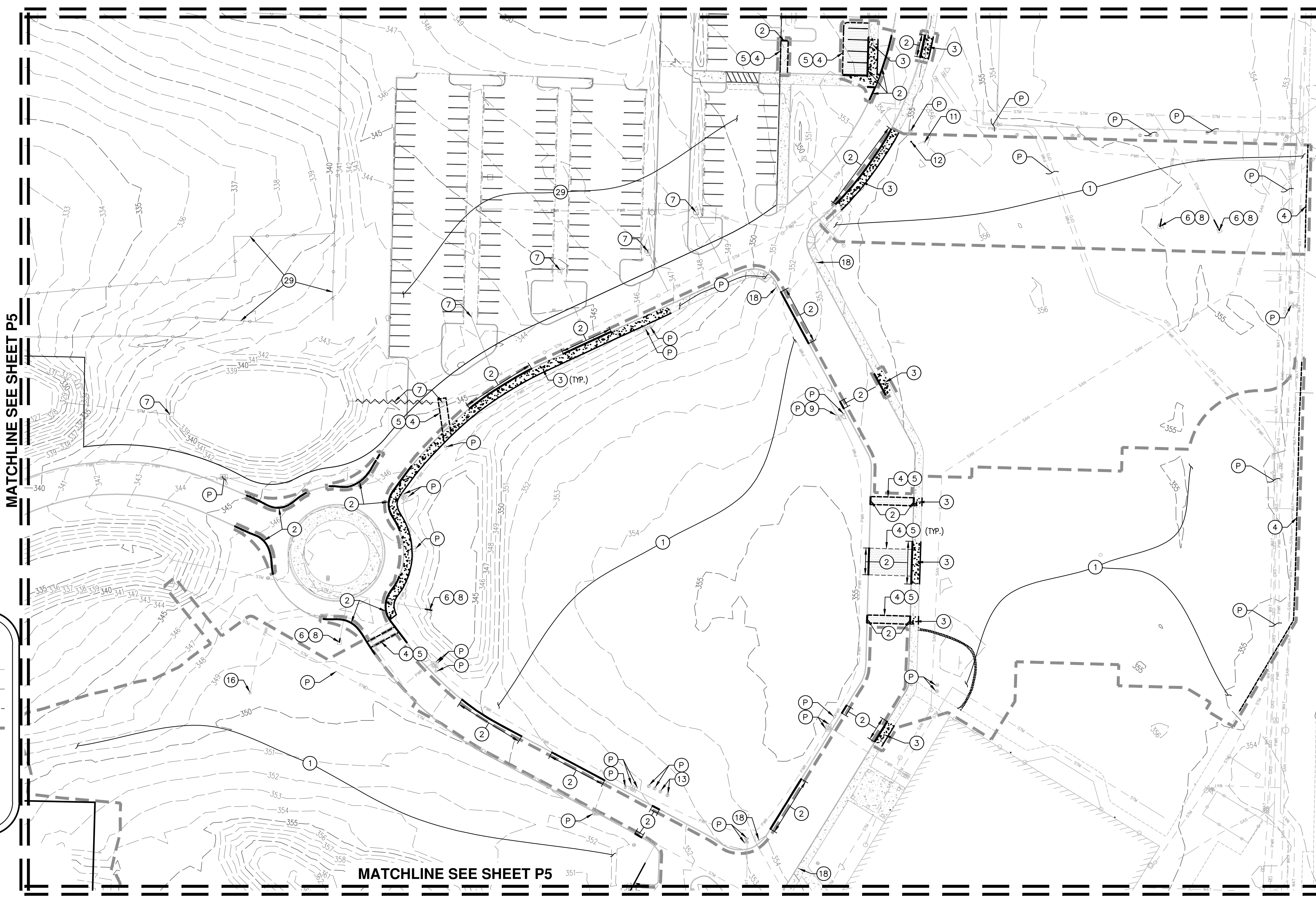
TREE TABLE		
TREE NUMBER</		



PRELIMINARY DEMOLITION PLAN - PARKING LOT
HORIZON COMMUNITY CHURCH EXPANSION
TUALATIN OREGON

**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

JOB NUMBER: 9349
 DATE: 05/08/2024
 DESIGNED BY: CAK
 DRAWN BY: TBD
 CHECKED BY: CAK



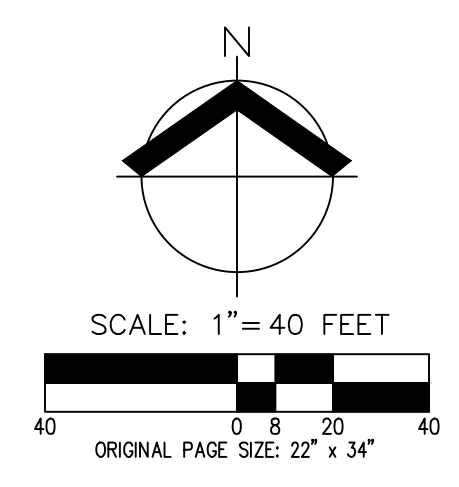
NOTE: REFER TO TREE PRESERVATION AND REMOVAL PLAN, SHEETS P15 TO P16, FOR TREES THAT ARE BEING REMOVED OR PROTECTED.

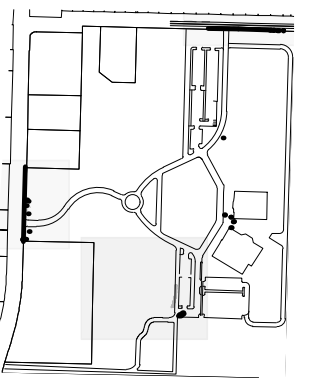
LEGEND

EXISTING GROUND CONTOUR (2 FT)	---	348
EXISTING GROUND CONTOUR (10 FT)	---	350
AC SAWCUT	---	
DISTURBED AREA BOUNDARY	---	
CONCRETE SIDEWALK TO REMAIN	[Pattern]	
CONCRETE SIDEWALK TO BE REMOVED	[Pattern]	
AC TO BE REMOVED	[Pattern]	

#KEYED NOTE LEGEND

- | | | | |
|---|---|---|---|
| 1. STRIP AND REMOVE ALL VEGETATION, STUMPS, GARBAGE, ETC. | 10. RELOCATE STREET LIGHT OUTSIDE OF PROPOSED SIDEWALK AS NEEDED AND ADJUST TO FINISHED GRADE. | 17. REMOVE EXISTING ROAD STRIPING. | 26. NOT USED. |
| 2. EXISTING CURB TO BE REMOVED. | 11. RELOCATE SIGNAGE OUTSIDE OF PROPOSED IMPROVEMENTS. | 18. REMOVE EXISTING BOLLARD. | 27. REMOVE EXISTING CULVERT. |
| 3. EXISTING SIDEWALK TO BE REMOVED. | 12. REMOVE EXISTING 4X4 WOOD POST. | 19. OVERHEAD LINES TO BE UNDERGROUND. | 28. REMOVE GRAVEL. |
| 4. AC SAWCUT. | 13. RELOCATE EXISTING IRRIGATION VALVE OUTSIDE OF PROPOSED SIDEWALK AS NEEDED AND ADJUST TO FINISHED GRADE. | 20. PROTECT COMMUNICATION BOX AND ADJUST TO FINISHED GRADE AS NEEDED. | 29. DEMOLITION OF EXISTING IMPROVEMENTS ASSOCIATED WITH THE PARTITION. TO BE COMPLETED BY OTHERS. |
| 5. REMOVE EXISTING ASPHALT. | 14. PROTECT EXISTING WATER IMPROVEMENT AND ADJUST TO FINISHED GRADE AS NEEDED. | 21. REMOVE EXISTING OUTLET STRUCTURE. MAX. 50 CY CUT AND FILL ALLOWED WITHIN THE WETLAND. | 30. SIGN AND WATER FEATURE TO BE RELOCATED, DESIGN BY OTHER. |
| 6. CAP EXISTING STORM PIPE AND ABANDON IN PLACE. | 15. RELOCATE EXISTING WATER METER OUTSIDE OF PROPOSED ROAD IMPROVEMENTS AS NEEDED AND ADJUST TO FINISHED GRADE. | 22. REMOVE UTILITY POLE. OVERHEAD LINES TO BE UNDERGROUND. | (P) CONTRACTOR TO PROTECT EXISTING ROAD IMPROVEMENTS, SIDEWALKS, SERVICES, INFRASTRUCTURE ETC. THROUGHOUT DEMOLITION AND CONSTRUCTION. ANY DAMAGE SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE. DURING CONSTRUCTION ADJUST TO FINISHED GRADE AS NECESSARY. |
| 7. DISCONNECT/REROUTE STORMWATER STRUCTURE UNDER SEPARATE LAND USE APPLICATION BY OTHERS. | 16. RELOCATE EXISTING LIGHT OUTSIDE OF PROPOSED STORMWATER IMPROVEMENTS AS NEEDED AND ADJUST TO FINISHED GRADE. | 23. PROTECT EXISTING POWER VAULT AND ADJUST TO FINISHED GRADE AS NEEDED. | |
| 8. REMOVE EXISTING STORM CATCH BASIN/DITCH INLET. | | 24. ADJUST EXISTING MANHOLE CONE SECTION TO FINISHED GRADE AS NEEDED. | |
| 9. RELOCATE JUNCTION BOX OUTSIDE OF PROPOSED SIDEWALK AS NEEDED AND ADJUST TO FINISHED GRADE. | | 25. IRRIGATION VALVE RELOCATION PENDING FOUNTAIN RELOCATION. | |



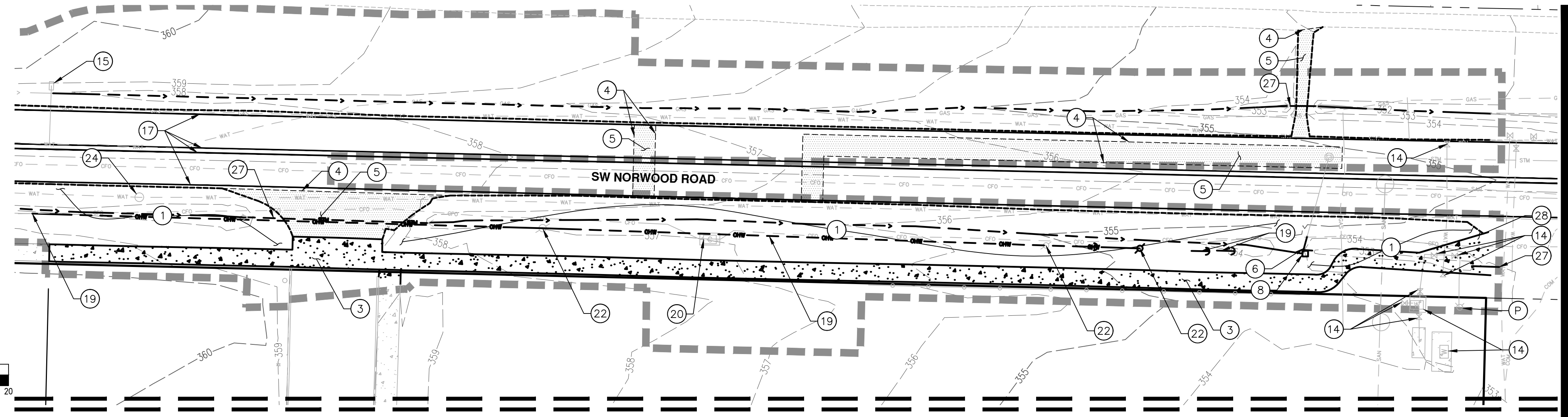


PRELIMINARY DEMOLITION PLAN - AUXILIARY SITES

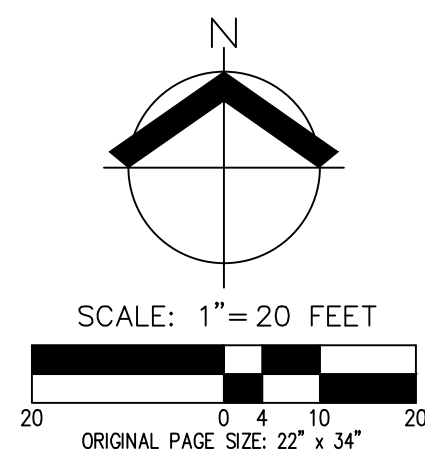
**HORIZON COMMUNITY CHURCH EXPANSION
 TUALATIN OREGON**

**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

JOB NUMBER: 9349
 DATE: 05/08/2024
 DESIGNED BY: CAK
 DRAWN BY: TBD
 CHECKED BY: CAK

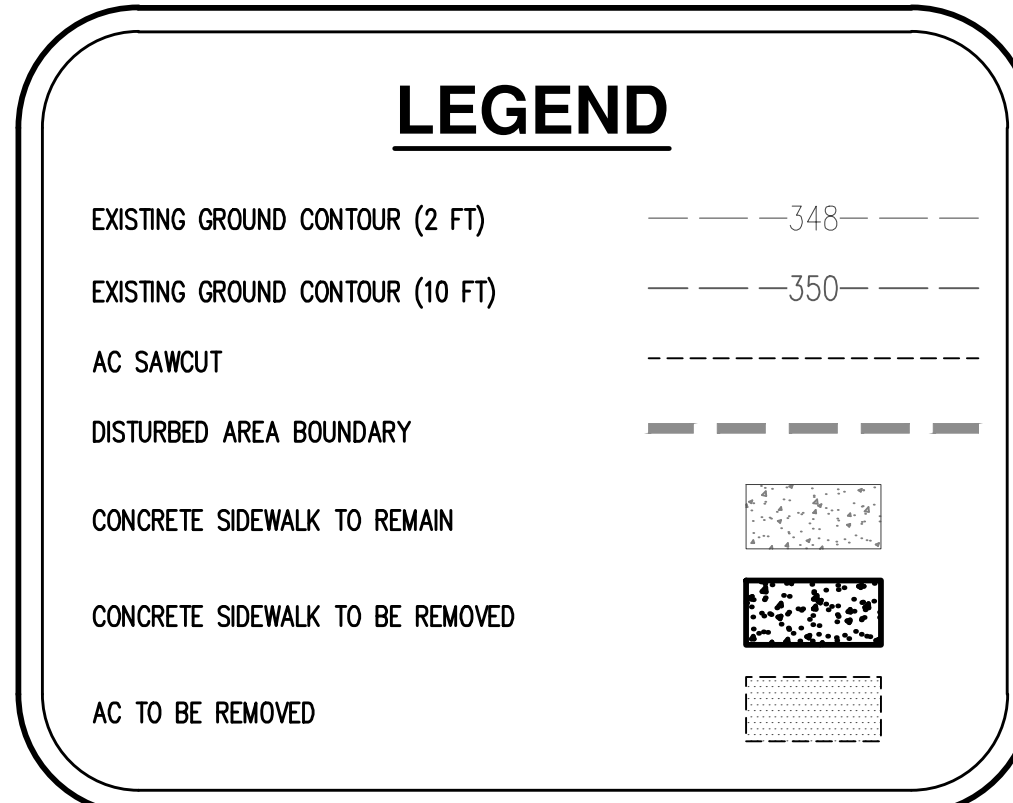


MATCHLINE SEE SHEET P4

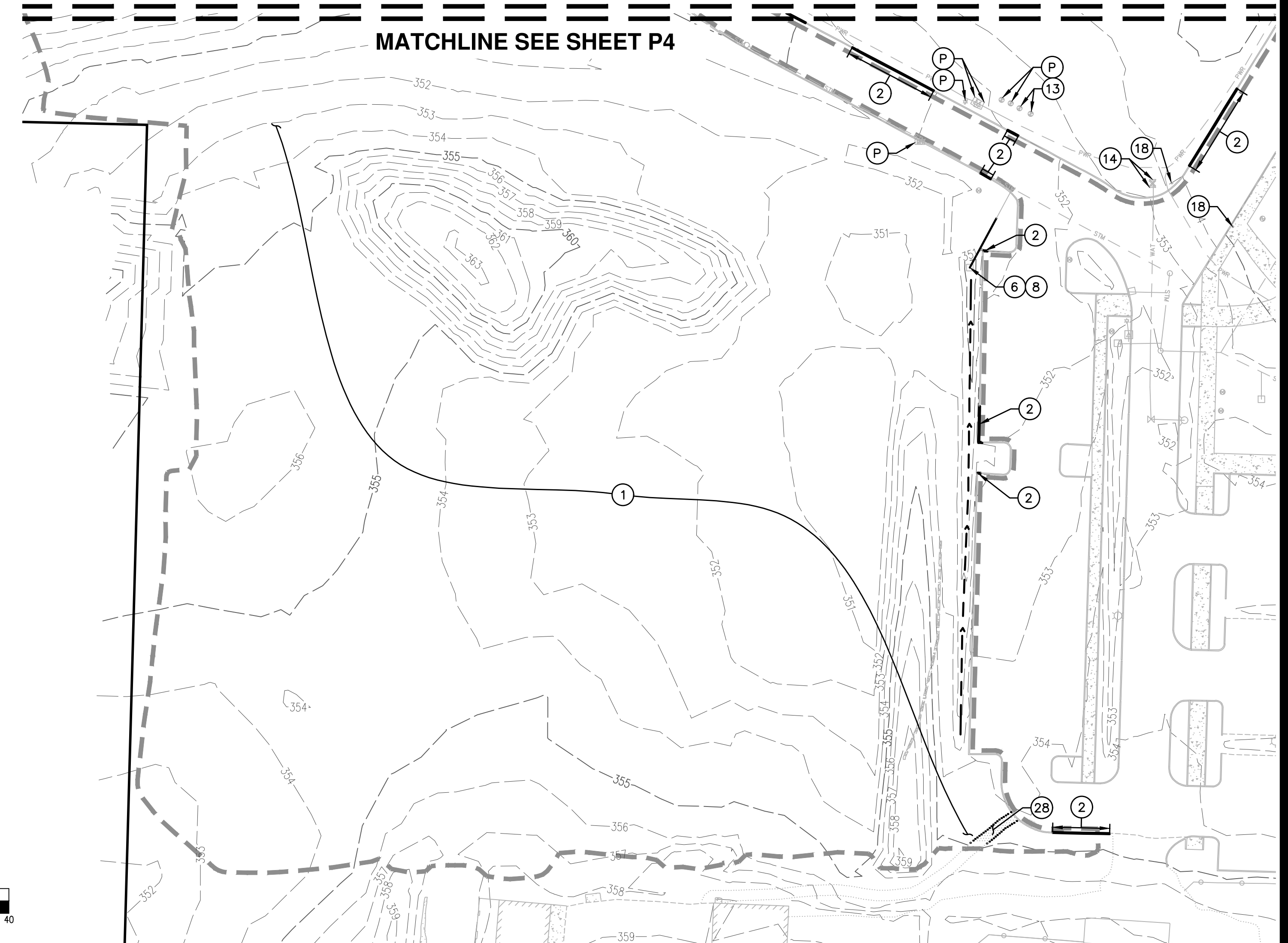
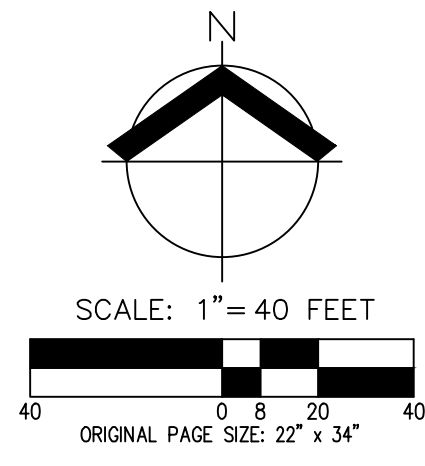
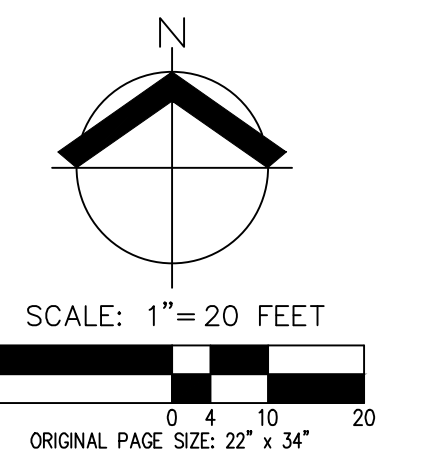


#KEYED NOTE LEGEND

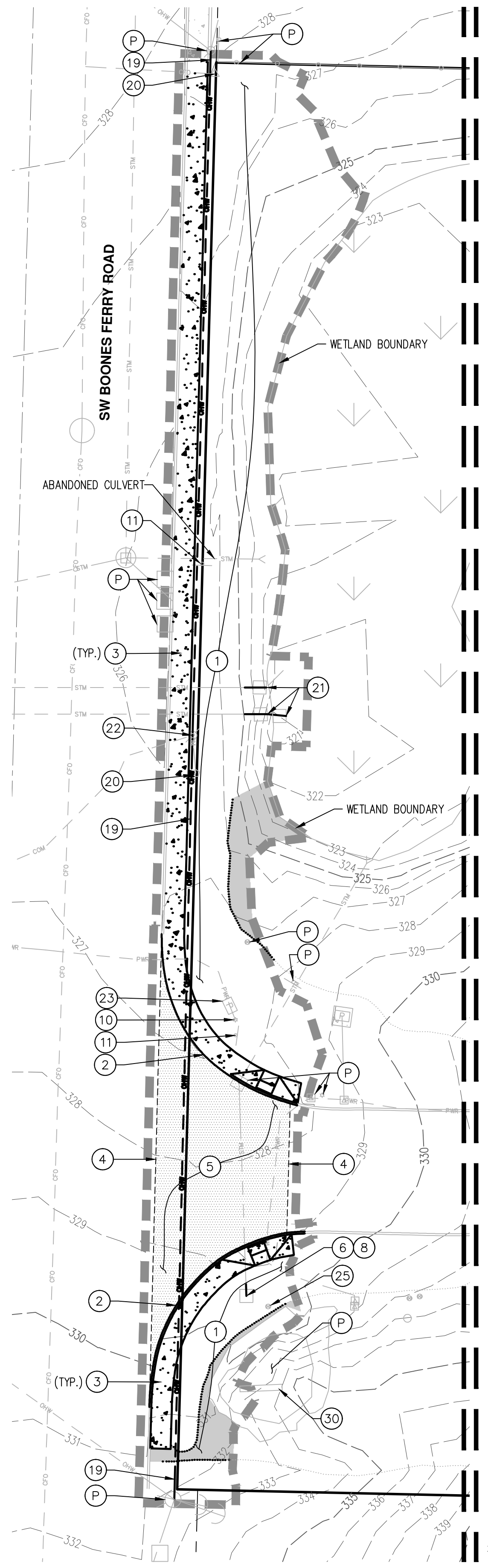
- 1. STRIP AND REMOVE ALL VEGETATION, STUMPS, GARBAGE, ETC.
- 2. EXISTING CURB TO BE REMOVED.
- 3. EXISTING SIDEWALK TO BE REMOVED.
- 4. AC SAWCUT.
- 5. REMOVE EXISTING ASPHALT.
- 6. CAP EXISTING STORM PIPE AND ABANDON IN PLACE.
- 7. DISCONNECT/REROUTE STORMWATER STRUCTURE UNDER SEPARATE LAND USE APPLICATION BY OTHERS.
- 8. REMOVE EXISTING STORM CATCH BASIN/DITCH INLET.
- 9. RELOCATE JUNCTION BOX OUTSIDE OF PROPOSED SIDEWALK AS NEEDED AND ADJUST TO FINISHED GRADE.
- 10. RELOCATE STREET LIGHT OUTSIDE OF PROPOSED SIDEWALK AS NEEDED AND ADJUST TO FINISHED GRADE.
- 11. RELOCATE SIGNAGE OUTSIDE OF PROPOSED IMPROVEMENTS.
- 12. REMOVE EXISTING 4X4 WOOD POST.
- 13. RELOCATE EXISTING IRRIGATION VALVE OUTSIDE OF PROPOSED SIDEWALK AS NEEDED AND ADJUST TO FINISHED GRADE.
- 14. PROTECT EXISTING WATER IMPROVEMENT AND ADJUST TO FINISHED GRADE AS NEEDED.
- 15. RELOCATE EXISTING WATER METER OUTSIDE OF PROPOSED ROAD IMPROVEMENTS AS NEEDED AND ADJUST TO FINISHED GRADE.
- 16. RELOCATE EXISTING LIGHT OUTSIDE OF PROPOSED STORMWATER IMPROVEMENTS AS NEEDED AND ADJUST TO FINISHED GRADE.
- 17. REMOVE EXISTING ROAD STRIPING.
- 18. REMOVE EXISTING BOLLARD.
- 19. OVERHEAD LINES TO BE UNDERGROUNDED.
- 20. PROTECT COMMUNICATION BOX AND ADJUST TO FINISHED GRADE AS NEEDED.
- 21. REMOVE EXISTING OUTLET STRUCTURE. MAX. 50 CY CUT AND FILL ALLOWED WITHIN THE WETLAND.
- 22. REMOVE UTILITY POLE. OVERHEAD LINES TO BE UNDERGROUNDED.
- 23. PROTECT EXISTING POWER VAULT AND ADJUST TO FINISHED GRADE AS NEEDED.
- 24. ADJUST EXISTING MANHOLE CONE SECTION TO FINISHED GRADE AS NEEDED.
- 25. IRRIGATION VALVE RELOCATION PENDING FOUNTAIN RELOCATION.
- 26. NOT USED.
- 27. REMOVE EXISTING CULVERT.
- 28. REMOVE GRAVEL.
- 29. DEMOLITION OF EXISTING IMPROVEMENTS ASSOCIATED WITH THE PARTITION. TO BE COMPLETED BY OTHERS.
- 30. SIGN AND WATER FEATURE TO BE RELOCATED, DESIGN BY OTHER.



NOTE: REFER TO TREE PRESERVATION AND REMOVAL PLAN, SHEETS P15 TO P16, FOR TREES THAT ARE BEING REMOVED OR PROTECTED.



MATCHLINE SEE SHEET P4



MATCHLINE SEE SHEET P4



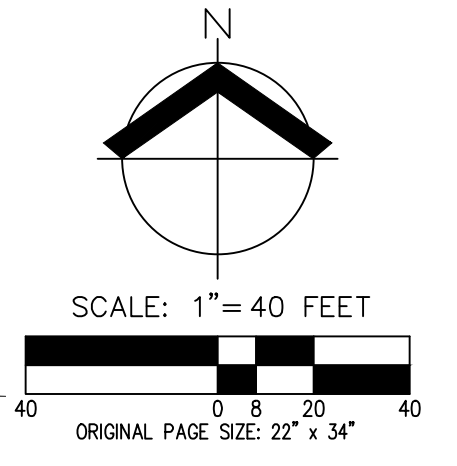
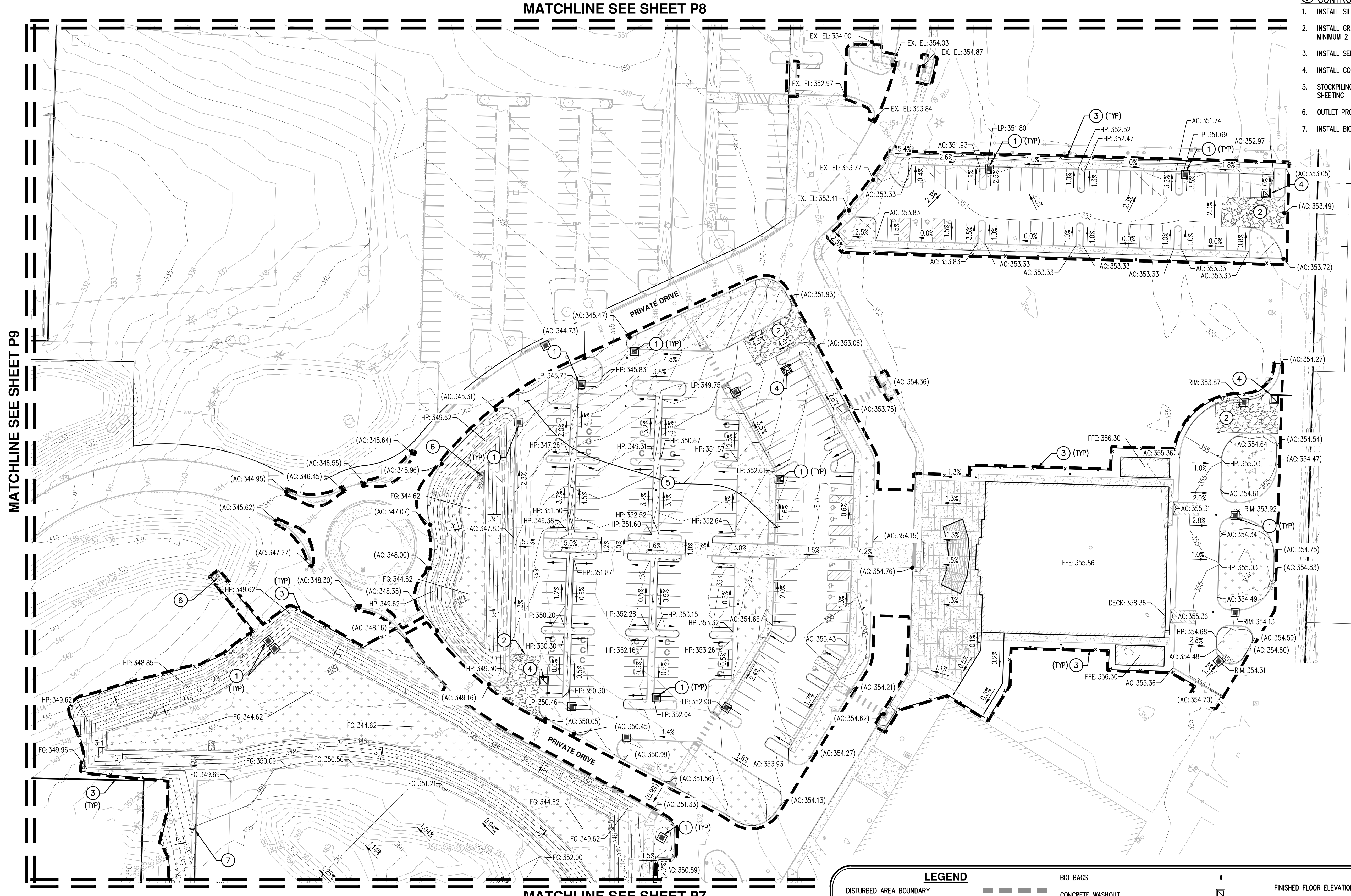
**PRELIMINARY GRADING & ESC PLAN -
 PARKING LOT
 HORIZON COMMUNITY CHURCH EXPANSION
 TUALATIN OREGON**

**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

JOB NUMBER:	9349
DATE:	05/08/2024
DESIGNED BY:	CAK
DRAWN BY:	TBD
CHECKED BY:	CAK

KEYED EROSION AND SEDIMENT CONTROL NOTES:

1. INSTALL SILT SACK INLET PROTECTION
2. INSTALL GRAVEL CONSTRUCTION ENTRANCE. MINIMUM 2 PER AREA.
3. INSTALL SEDIMENT FENCE
4. INSTALL CONCRETE TRUCK WASHOUT
5. STOCKPILING AND STAGING AREA WITH PLASTIC SHEETING
6. OUTLET PROTECTION
7. INSTALL BIO BAGS

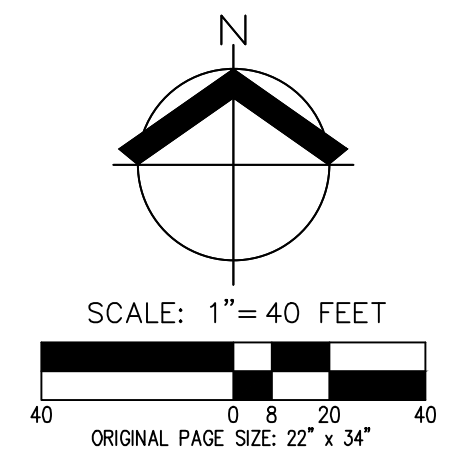
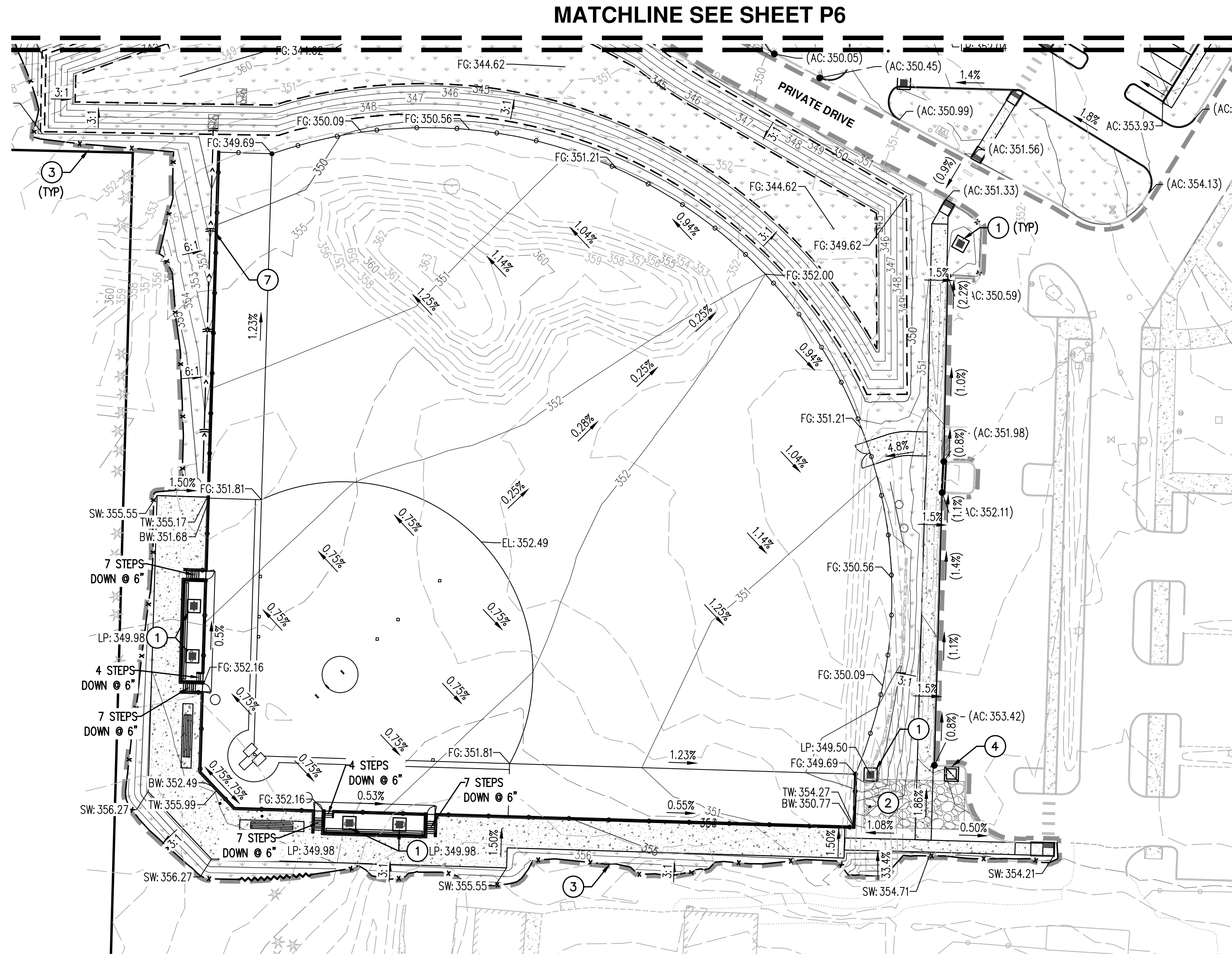


LEGEND			
DISTURBED AREA BOUNDARY	---	BIO BAGS	
TREE PROTECTION/CONSTRUCTION FENCE (SEE SHEET P15-P16 FOR DETAILS)	~	CONCRETE WASHOUT	■
TREE PROTECTION/CONSTRUCTION FENCE #2 (SEE SHEET P15-P16 FOR DETAILS)	—○—	INLET PROTECTION	□
SEDIMENT FENCE (SEE SHEET P15-P16 FOR DETAILS)	—x—	CONSTRUCTION ENTRANCE	▣
STRAW WATTLE	—x—	EXISTING CONTOUR (1 FOOT)	---
		EXISTING CONTOUR (5 FOOT)	---
		FINISHED GRADE CONTOUR (1 FOOT)	---
		FINISHED GRADE CONTOUR (5 FOOT)	---
		FINISHED FLOOR ELEVATION	FFE: XXX.XX
		FINISHED GRADE	FG: XXX.XX
		AC PAVEMENT ELEVATION	AC: XXX.XX
		SIDEWALK ELEVATION	SW: XXX.XX
		TOP OF WALL ELEVATION	TW: XXX.XX
		HIGH POINT ELEVATION	HP: XXX.XX
		LOW POINT ELEVATION	LP: XXX.XX
		EXISTING AC ELEVATION	(AC: XXX.XX)
		EXISTING SIDEWALK ELEVATION	(SW: XXX.XX)
		EXISTING GUTTER ELEVATION	(GUT: XXX.XX)

MATCHLINE SEE SHEET P9

MATCHLINE SEE SHEET P8

MATCHLINE SEE SHEET P7



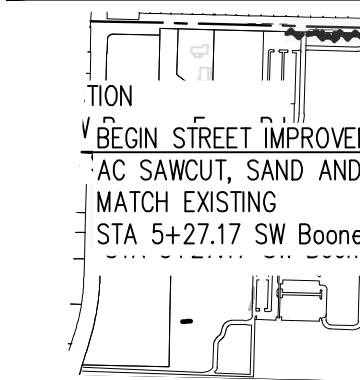
- KEYED EROSION AND SEDIMENT CONTROL NOTES:**
1. INSTALL SILT SACK INLET PROTECTION
 2. INSTALL GRAVEL CONSTRUCTION ENTRANCE. MINIMUM 2 PER AREA.
 3. INSTALL SEDIMENT FENCE
 4. INSTALL CONCRETE TRUCK WASHOUT
 5. STOCKPILING AND STAGING AREA WITH PLASTIC SHEETING
 6. OUTLET PROTECTION
 7. INSTALL BIO BAGS

LEGEND	
DISTURBED AREA BOUNDARY	— — — — —
TREE PROTECTION/CONSTRUCTION FENCE (SEE SHEET P15-P16 FOR DETAILS)	~ ~ ~ ~ ~
TREE PROTECTION/CONSTRUCTION FENCE #2 (SEE SHEET P15-P16 FOR DETAILS)	— — — — —
SEDIMENT FENCE (SEE SHEET P15-P16 FOR DETAILS)	— x — — —
STRAW WATTLE	— x x x — — —
BIO BAGS	
CONCRETE WASHOUT	▣
INLET PROTECTION	▣
CONSTRUCTION ENTRANCE	▣
EXISTING CONTOUR (1 FOOT)	- - - - - 168
EXISTING CONTOUR (5 FOOT)	- - - - - 170
FINISHED GRADE CONTOUR (1 FOOT)	— — — — — 168
FINISHED GRADE CONTOUR (5 FOOT)	— — — — — 170
FINISHED FLOOR ELEVATION	FFE: XXX.XX
FINISHED GRADE	FG: XXX.XX
AC PAVEMENT ELEVATION	AC: XXX.XX
SIDEWALK ELEVATION	SW: XXX.XX
TOP OF WALL ELEVATION	TW: XXX.XX
HIGH POINT ELEVATION	HP: XXX.XX
LOW POINT ELEVATION	LP: XXX.XX
EXISTING AC ELEVATION	(AC: XXX.XX)
EXISTING SIDEWALK ELEVATION	(SW: XXX.XX)
EXISTING GUTTER ELEVATION	(GUT: XXX.XX)

**PRELIMINARY GRADING & ESC PLAN -
 BASEBALL FIELD
 HORIZON COMMUNITY CHURCH EXPANSION
 TUALATIN OREGON**

**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

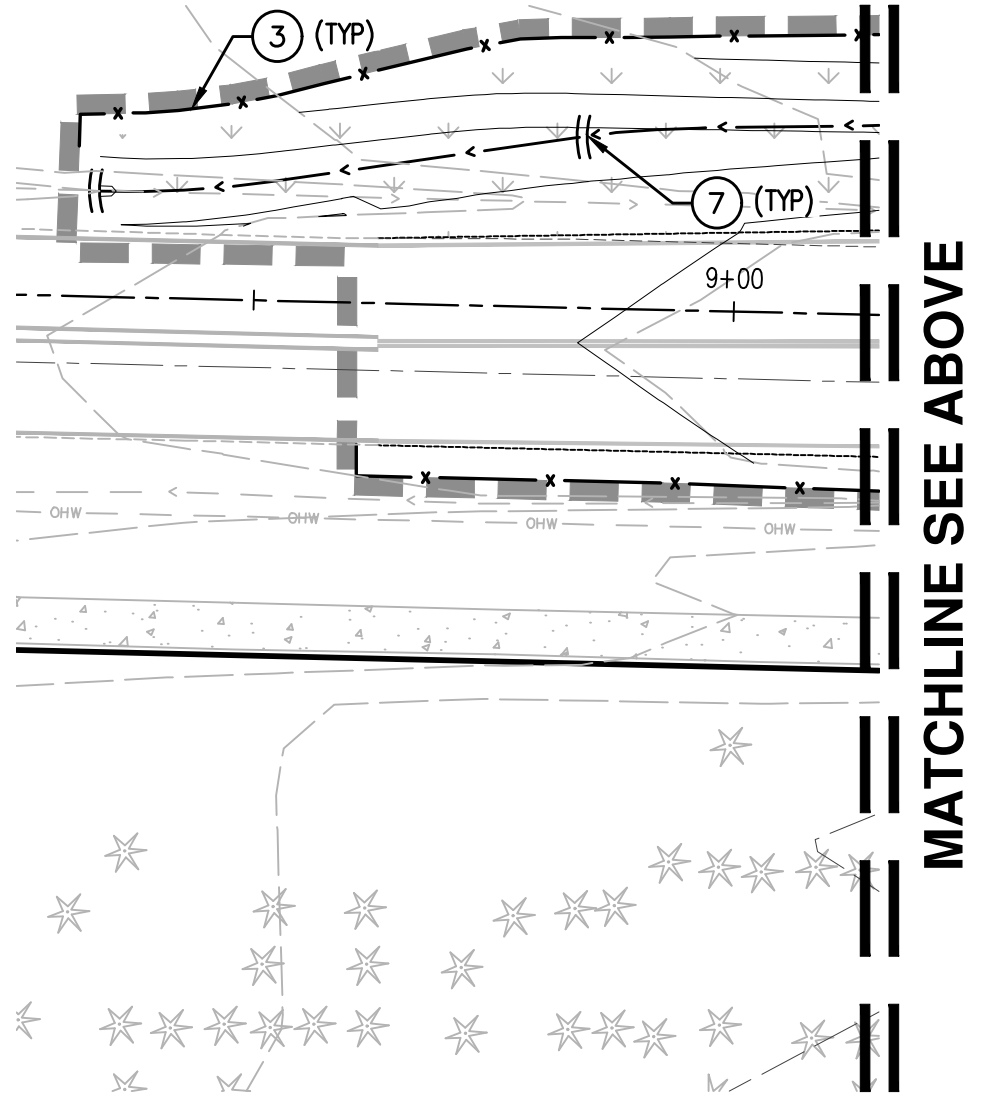
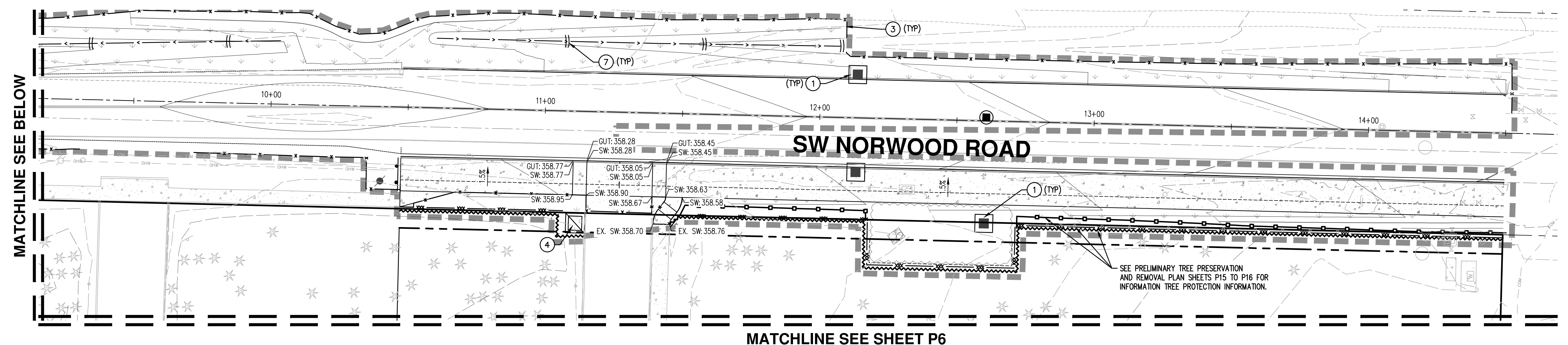
JOB NUMBER:	9349
DATE:	05/08/2024
DESIGNED BY:	CAK
DRAWN BY:	TBD
CHECKED BY:	CAK



PRELIMINARY GRADING & ESC PLAN - SW NORWOOD RD
HORIZON COMMUNITY CHURCH EXPANSION
TUALATIN OREGON

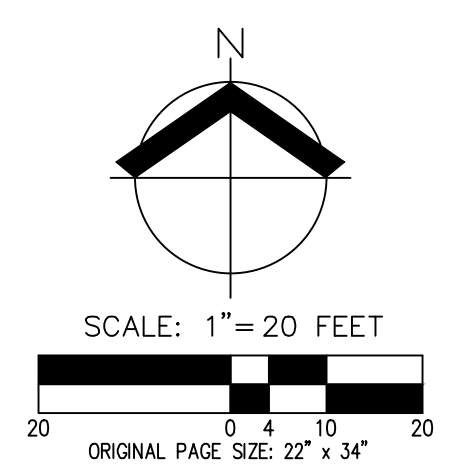
PRELIMINARY NOT FOR CONSTRUCTION

JOB NUMBER:	9349
DATE:	05/08/2024
DESIGNED BY:	CAK
DRAWN BY:	TBD
CHECKED BY:	CAK



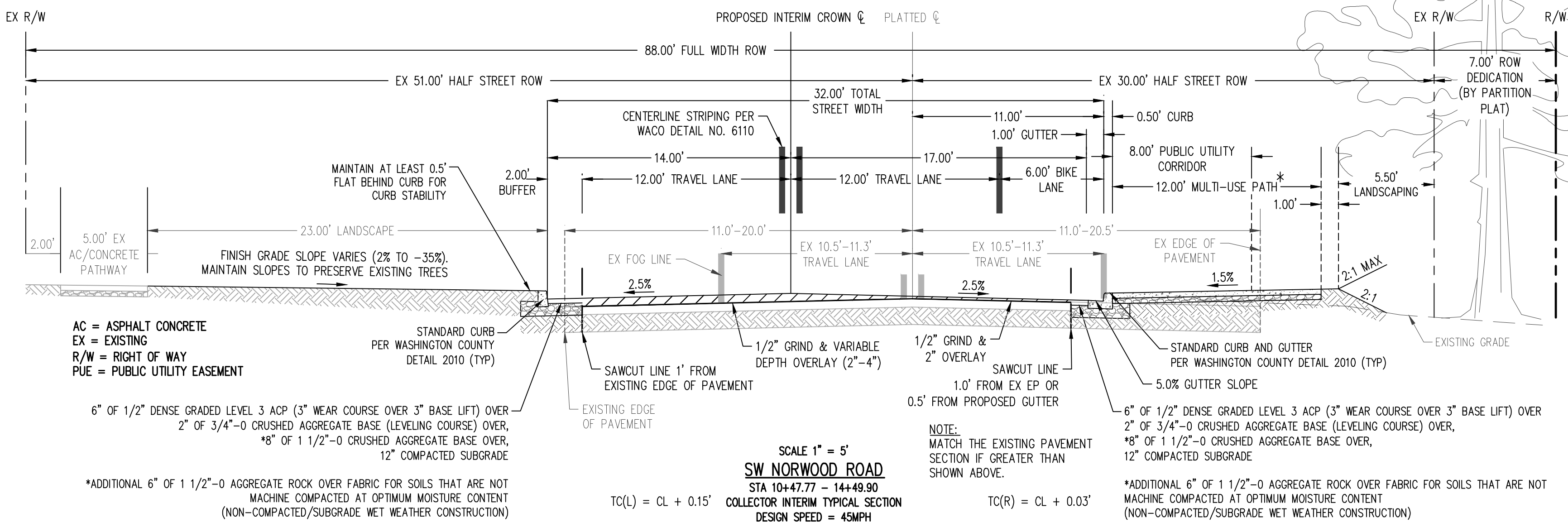
MATCHLINE SEE SHEET P6

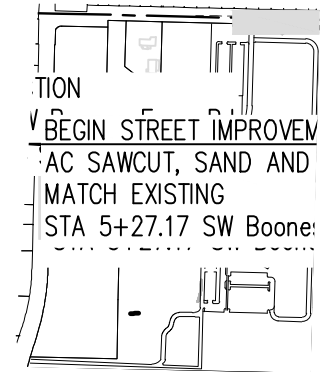
SEE PRELIMINARY TREE PRESERVATION AND REMOVAL PLAN SHEETS P15 TO P16 FOR INFORMATION TREE PROTECTION INFORMATION.



- KEYED EROSION AND SEDIMENT CONTROL NOTES:**
1. INSTALL SILT SACK INLET PROTECTION
 2. INSTALL GRAVEL CONSTRUCTION ENTRANCE. MINIMUM 2 PER AREA.
 3. INSTALL SEDIMENT FENCE
 4. INSTALL CONCRETE TRUCK WASHOUT
 5. STOCKPILING AND STAGING AREA WITH PLASTIC SHEETING
 6. OUTLET PROTECTION
 7. INSTALL BIO BAGS
- *NOTE: CONSTRUCT MULTI-USE PATH PER PER WASHINGTON COUNTY DETAIL 2150

LEGEND	
DISTURBED AREA BOUNDARY	--- ---
TREE PROTECTION/CONSTRUCTION FENCE (SEE SHEET P15-P16 FOR DETAILS)	~ ~
TREE PROTECTION/CONSTRUCTION FENCE #2 (SEE SHEET P15-P16 FOR DETAILS)	~ ~
SEDIMENT FENCE (SEE SHEET P15-P16 FOR DETAILS)	-x-
BIO BAGS	xxx
STRAW WATTLE - DRAINAGE DITCH	
CONCRETE WASHOUT	□
INLET PROTECTION	■
CONSTRUCTION ENTRANCE	□
EXISTING CONTOUR (1 FOOT)	- - - 168
EXISTING CONTOUR (5 FOOT)	- - - 170
FINISHED GRADE CONTOUR (1 FOOT)	— 168
FINISHED GRADE CONTOUR (5 FOOT)	— 170
FINISHED FLOOR ELEVATION	FFE: XXX.XX
FINISHED GRADE	FG: XXX.XX
AC PAVEMENT ELEVATION	AC: XXX.XX
SIDEWALK ELEVATION	SW: XXX.XX
TOP OF WALL ELEVATION	TW: XXX.XX
HIGH POINT ELEVATION	HP: XXX.XX
LOW POINT ELEVATION	LP: XXX.XX
EXISTING AC ELEVATION	(AC: XXX.XX)
EXISTING SIDEWALK ELEVATION	(SW: XXX.XX)
EXISTING GUTTER ELEVATION	(GUT: XXX.XX)

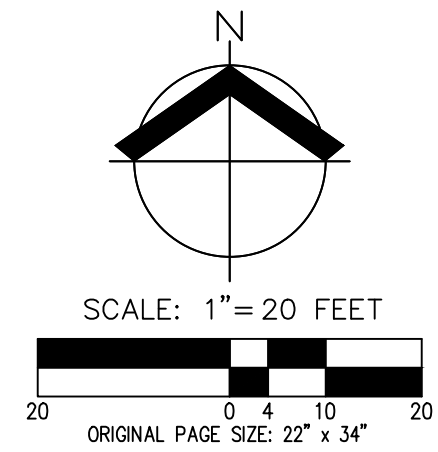
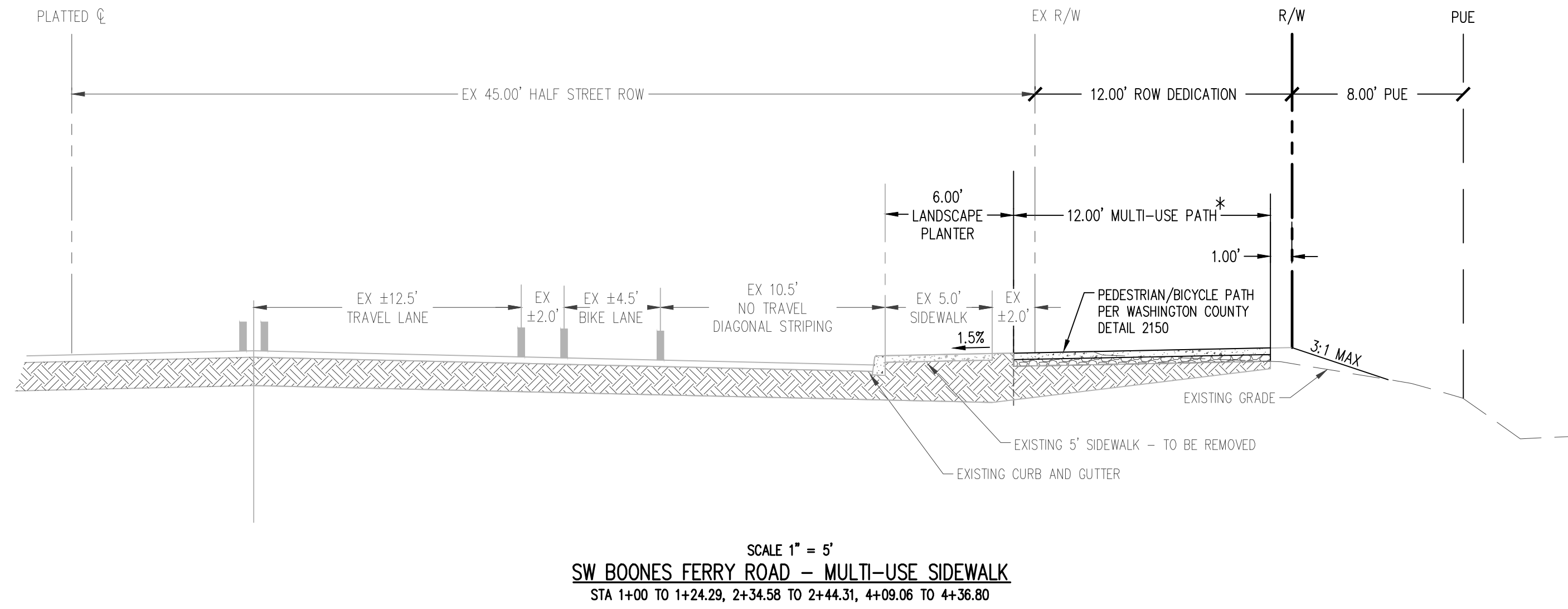
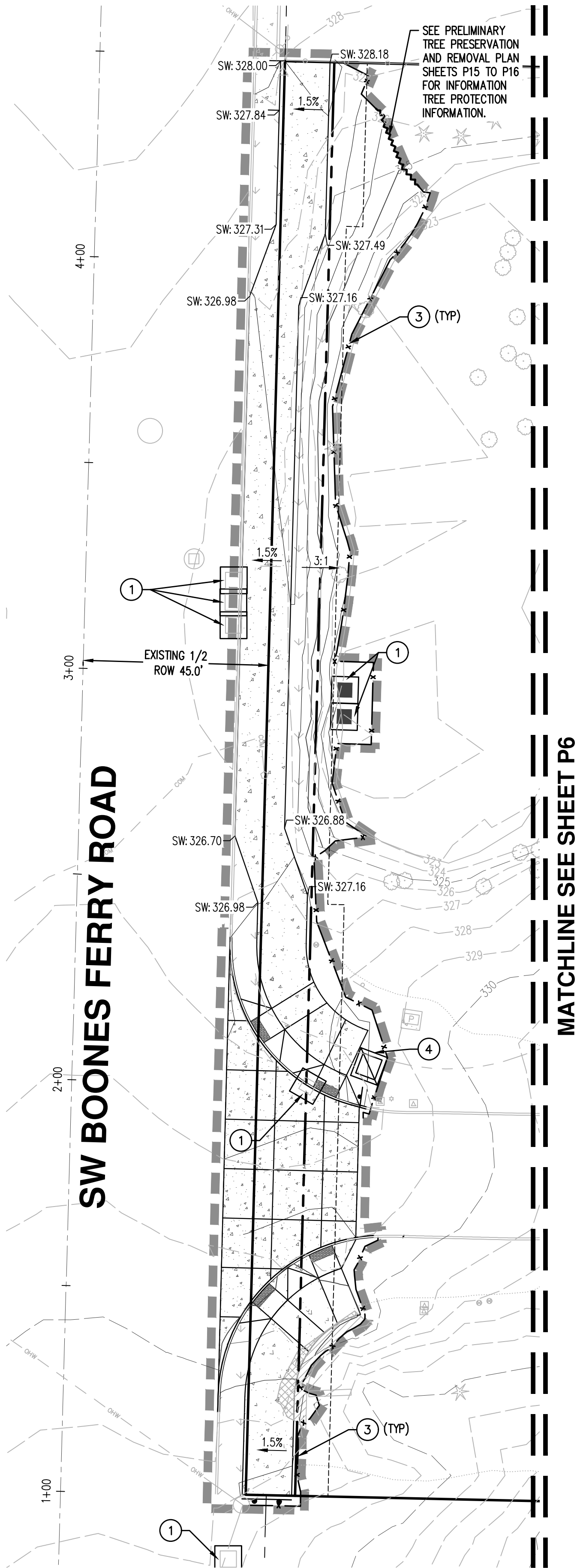




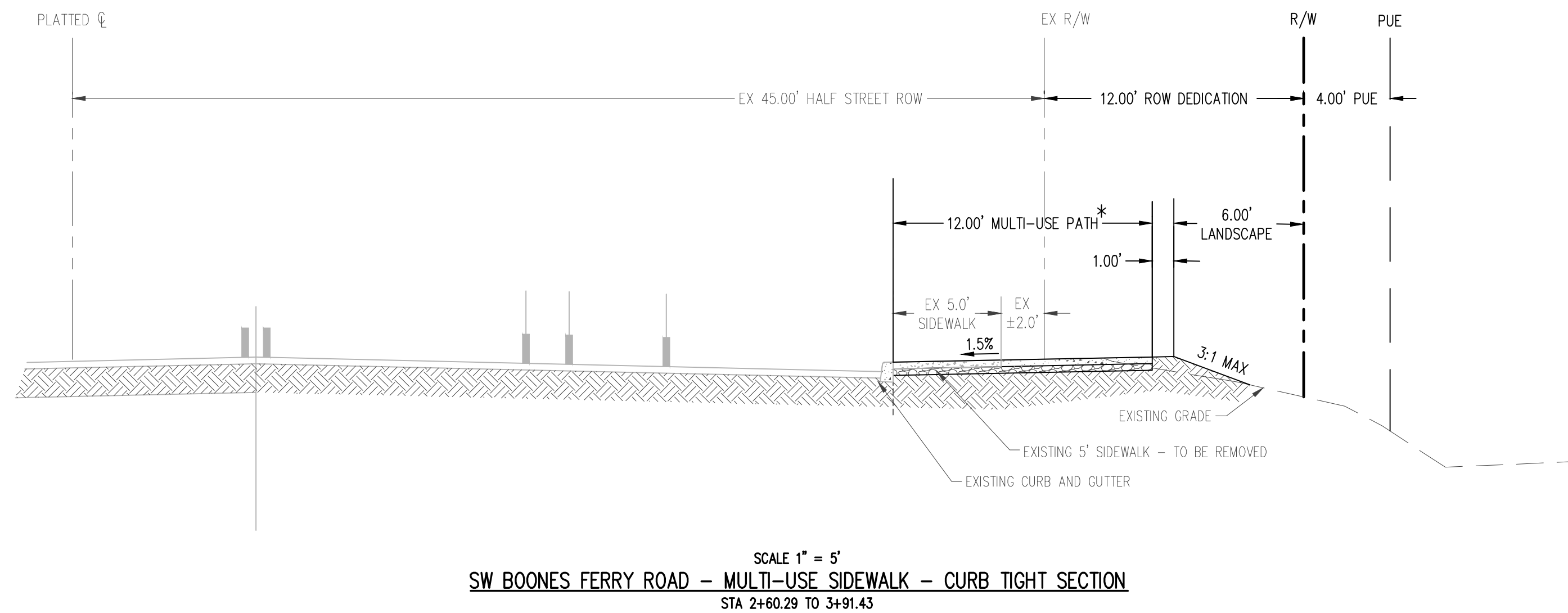
**PRELIMINARY GRADING & ESC PLAN -
 SW BOONES FERRY ROAD
 HORIZON COMMUNITY CHURCH EXPANSION
 TUALATIN**

**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

JOB NUMBER:	9349
DATE:	05/08/2024
DESIGNED BY:	CAK
DRAWN BY:	TBD
CHECKED BY:	CAK



- KEYED EROSION AND SEDIMENT CONTROL NOTES:**
1. INSTALL SILT SACK INLET PROTECTION
 2. INSTALL GRAVEL CONSTRUCTION ENTRANCE. MINIMUM 2 PER AREA.
 3. INSTALL SEDIMENT FENCE
 4. INSTALL CONCRETE TRUCK WASHOUT
 5. STOCKPILING AND STAGING AREA WITH PLASTIC SHEETING
 6. OUTLET PROTECTION
 7. INSTALL BIO BAGS
- *NOTE: CONSTRUCT MULTI-USE PATH PER PER WASHINGTON COUNTY DETAIL 2150



LEGEND	
DISTURBED AREA BOUNDARY	---
TREE PROTECTION/CONSTRUCTION FENCE (SEE SHEET P15-P16 FOR DETAILS)	~ ~ ~ ~ ~
TREE PROTECTION/CONSTRUCTION FENCE #2 (SEE SHEET P15-P16 FOR DETAILS)	— o — o —
SEDIMENT FENCE (SEE SHEET P15-P16 FOR DETAILS)	— x —
BIO BAGS	— x x x —
STRAW WATTLE - DRAINAGE DITCH	— —
CONCRETE WASHOUT	— [] —
INLET PROTECTION	— [] —
CONSTRUCTION ENTRANCE	— [] —
EXISTING CONTOUR (1 FOOT)	--- 168 ---
EXISTING CONTOUR (5 FOOT)	--- 170 ---
FINISHED GRADE CONTOUR (1 FOOT)	— 168 —
FINISHED GRADE CONTOUR (5 FOOT)	— 170 —
FINISHED FLOOR ELEVATION	FFE: XXX.XX
FINISHED GRADE	FG: XXX.XX
AC PAVEMENT ELEVATION	AC: XXX.XX
SIDEWALK ELEVATION	SW: XXX.XX
TOP OF WALL ELEVATION	TW: XXX.XX
HIGH POINT ELEVATION	HP: XXX.XX
LOW POINT ELEVATION	LP: XXX.XX
EXISTING AC ELEVATION	(AC: XXX.XX)
EXISTING SIDEWALK ELEVATION	(SW: XXX.XX)
EXISTING GUTTER ELEVATION	(GUT: XXX.XX)



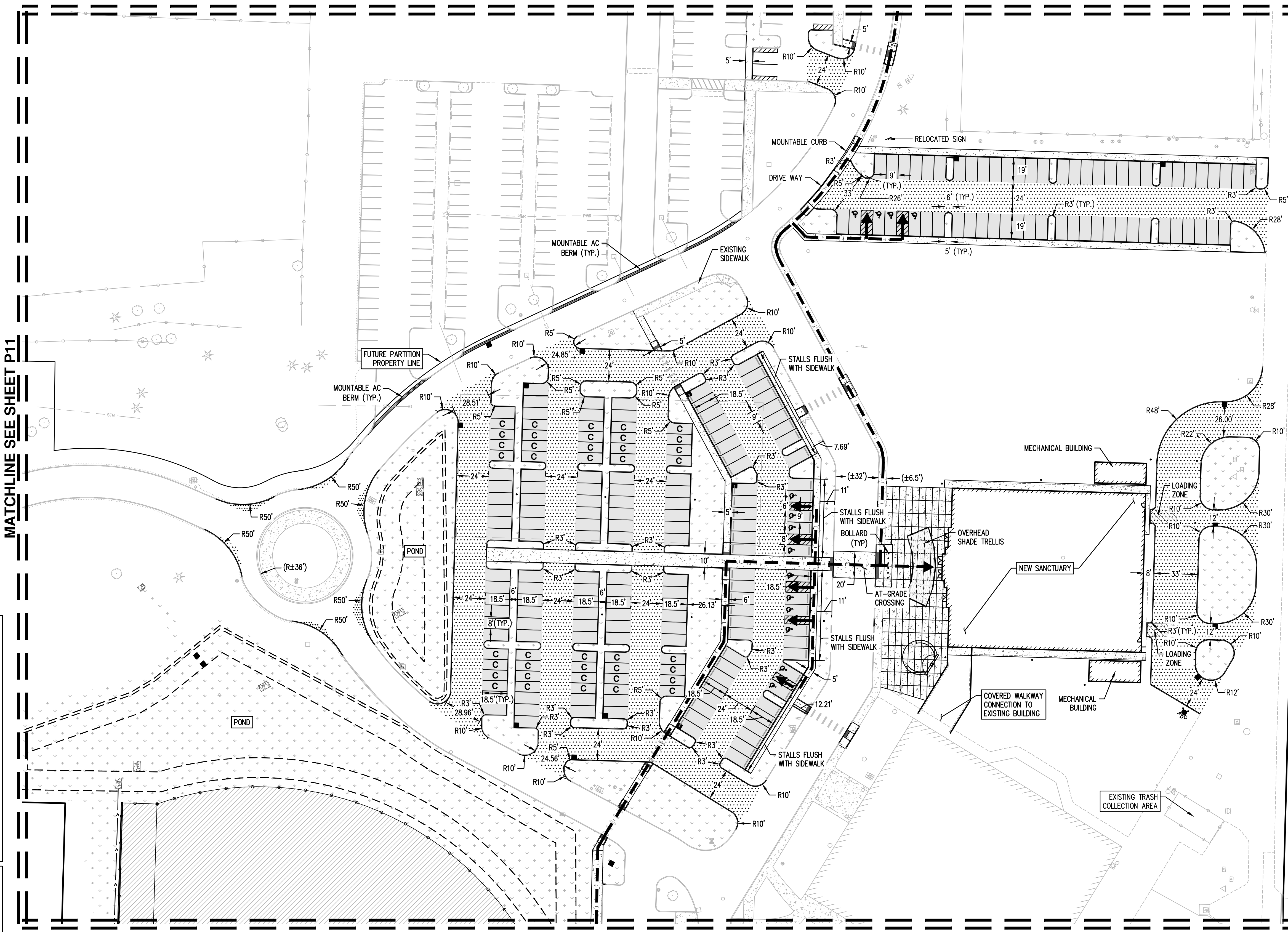
PRELIMINARY SITE PLAN - PARKING LOT
HORIZON COMMUNITY CHURCH EXPANSION
TUALATIN OREGON

**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

JOB NUMBER:	9349
DATE:	05/08/2024
DESIGNED BY:	CAK
DRAWN BY:	TBD
CHECKED BY:	CAK

MATCHLINE SEE SHEET P11

MATCHLINE SEE SHEET P11



NOTE:
 FOR LIGHTING, SEE PHOTOMETRIC PLAN BY
 OTHERS.

LEGEND

- NEW LANDSCAPING
- NEW CONCRETE
- NEW HEAVY DUTY AC PAVEMENT (CAR TRAFFIC)
- NEW LIGHT DUTY AC PAVEMENT (CAR PARKING)
- NEW ARTIFICIAL TURF - OUTFIELD
- ACCESSIBLE ROUTE

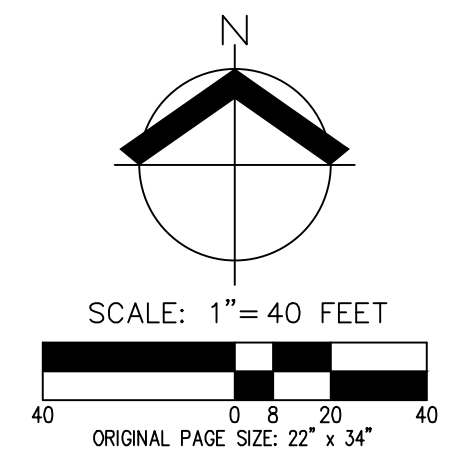
PARKING SUMMARY

EXISTING STANDARD SPACES PRE-PARTITION:	424
EXISTING ACCESSIBLE SPACES PRE-PARTITION:	28
TOTAL EXISTING PARKING SPACES PRE-PARTITION:	452
STANDARD SPACES REMOVED BY PARTITION:	211
ACCESSIBLE SPACES REMOVED BY PARTITION:	0
TOTAL REMOVED PARKING SPACES REMOVED BY PARTITION:	211
STANDARD SPACES REMOVED BY PROJECT:	7
ACCESSIBLE SPACES REMOVED BY PROJECT:	0
TOTAL REMOVED PARKING SPACES REMOVED BY PROJECT:	7
NEW STANDARD SPACES:	180
NEW COMPACT SPACES:	40
NEW ACCESSIBLE SPACES:	14
TOTAL NEW PARKING SPACES:	234
TOTAL PROVIDED STANDARD SPACES:	386
TOTAL PROVIDED COMPACT SPACES:	40
TOTAL PROVIDED ACCESSIBLE SPACES:	42
TOTAL PROVIDED PARKING SPACES:	468
TOTAL REQUIRED ACCESSIBLE SPACES:	9 (2 VAN)
MINIMUM REQUIRED SPACES:	280

AREA SUMMARY

SUBJECT PROPERTY AREA	= ±29.4 ACRES
TOTAL DISTURBED AREA	= ±8.3 ACRES
EXISTING IMPERVIOUS AREA	= ±445,340 SF
EXISTING IMP. AREA REMOVED	= ±1,820 SF
NEW IMPERVIOUS AREA	= ±252,730 SF
TOTAL IMPERVIOUS AREA	= ±696,250 SF
PARKING LOT LANDSCAPING AREA	= ±30,700 SF

NOTE: SUMMARY AREAS DO NOT INCLUDE AREAS WITHIN THE PUBLIC ROW.

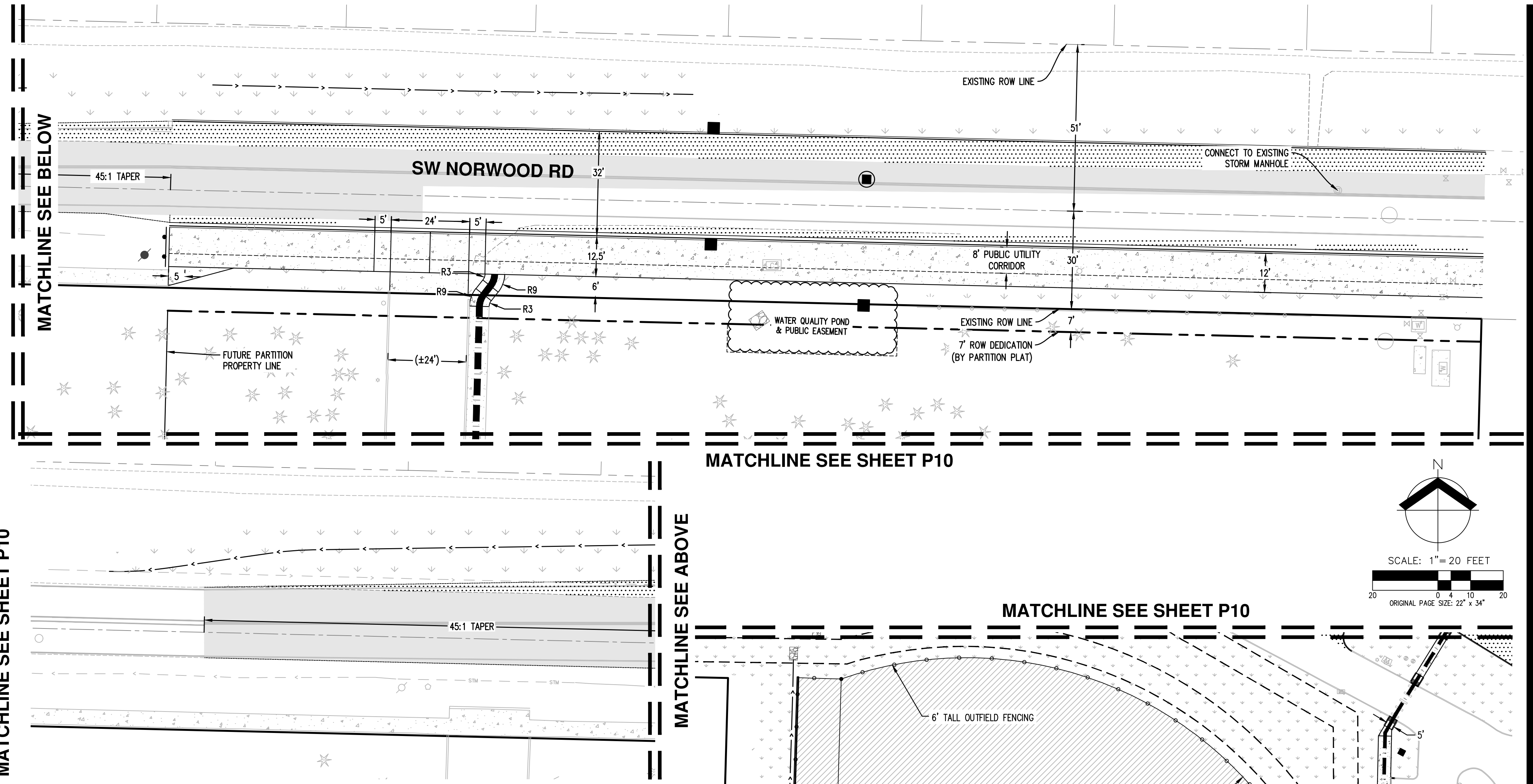
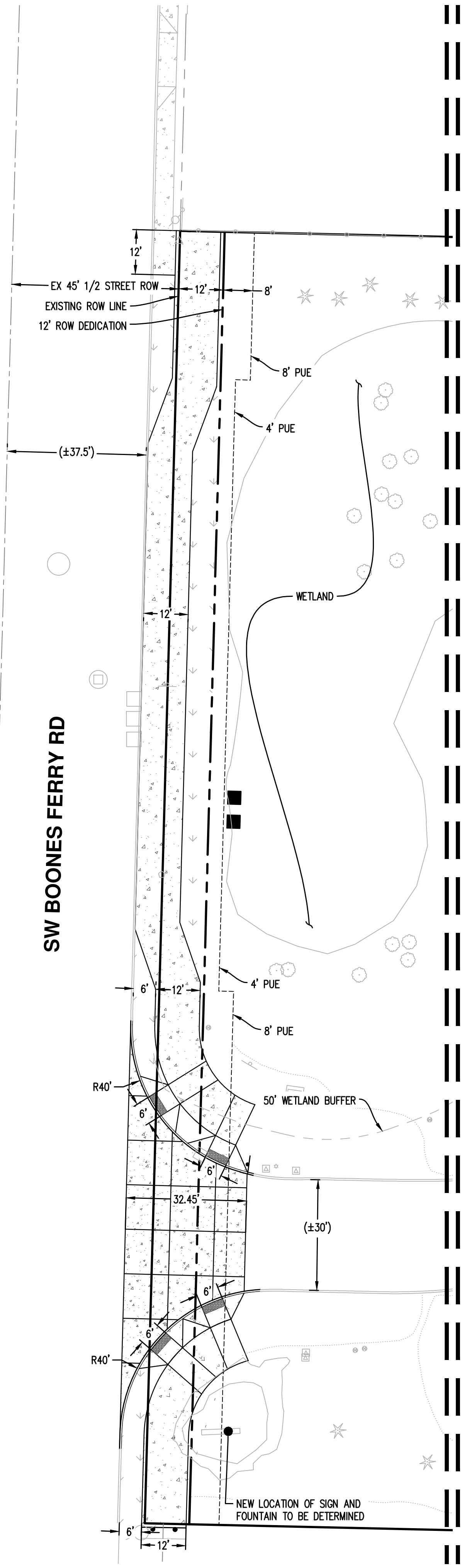




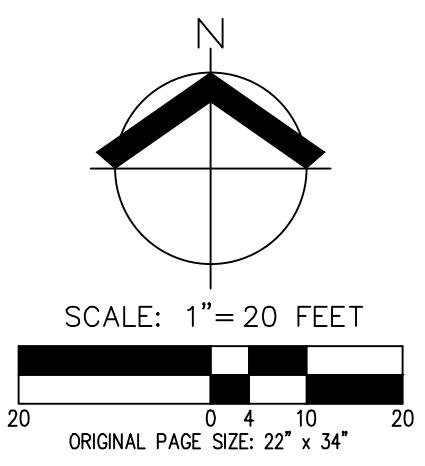
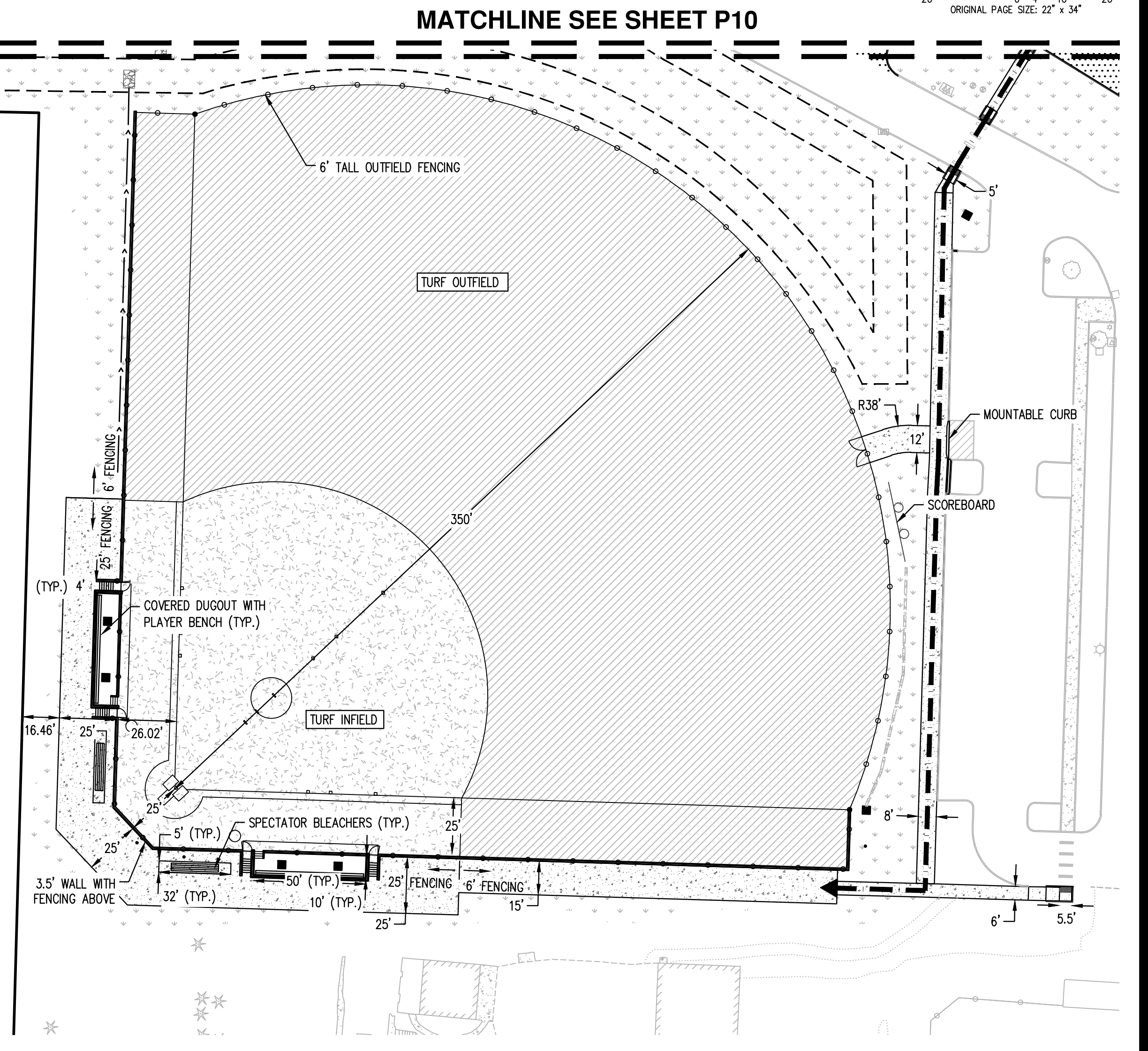
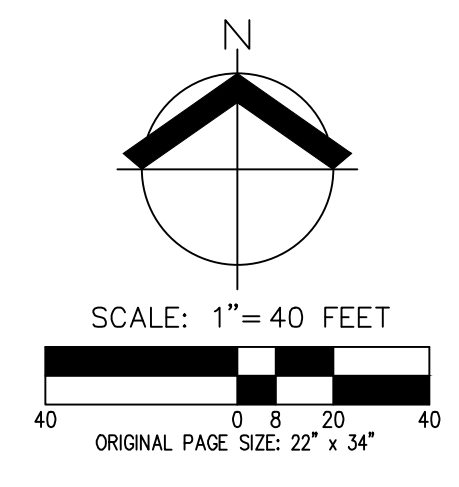
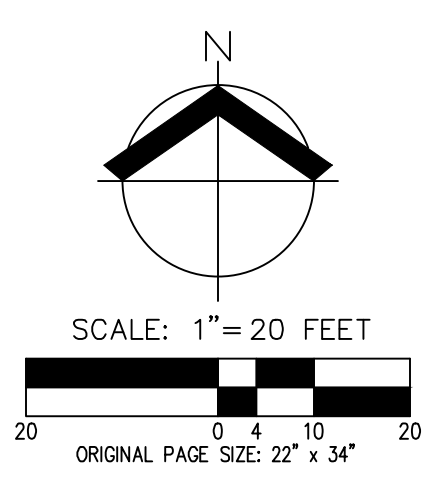
PRELIMINARY SITE PLAN - AUXILIARY SITES
HORIZON COMMUNITY CHURCH EXPANSION
TUALATIN OREGON

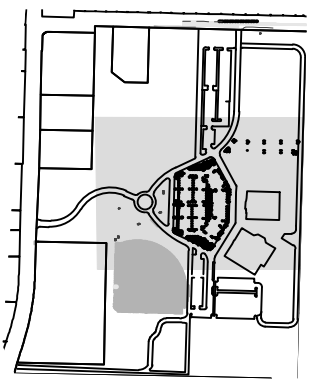
**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

JOB NUMBER:	9349
DATE:	05/08/2024
DESIGNED BY:	CAK
DRAWN BY:	TBD
CHECKED BY:	CAK



LEGEND	
	NEW LANDSCAPING
	NEW CONCRETE
	GRIND AND OVERLAY
	NEW AC PAVEMENT
	NEW ARTIFICIAL TURF - INFIELD
	NEW ARTIFICIAL TURF - OUTFIELD
	NEW PUBLIC UTILITY EASEMENT (PUE)
	PROPERTY BOUNDARY
	ROW DEDICATED





PRELIMINARY COMPOSITE UTILITY PLAN - PARKING LOT

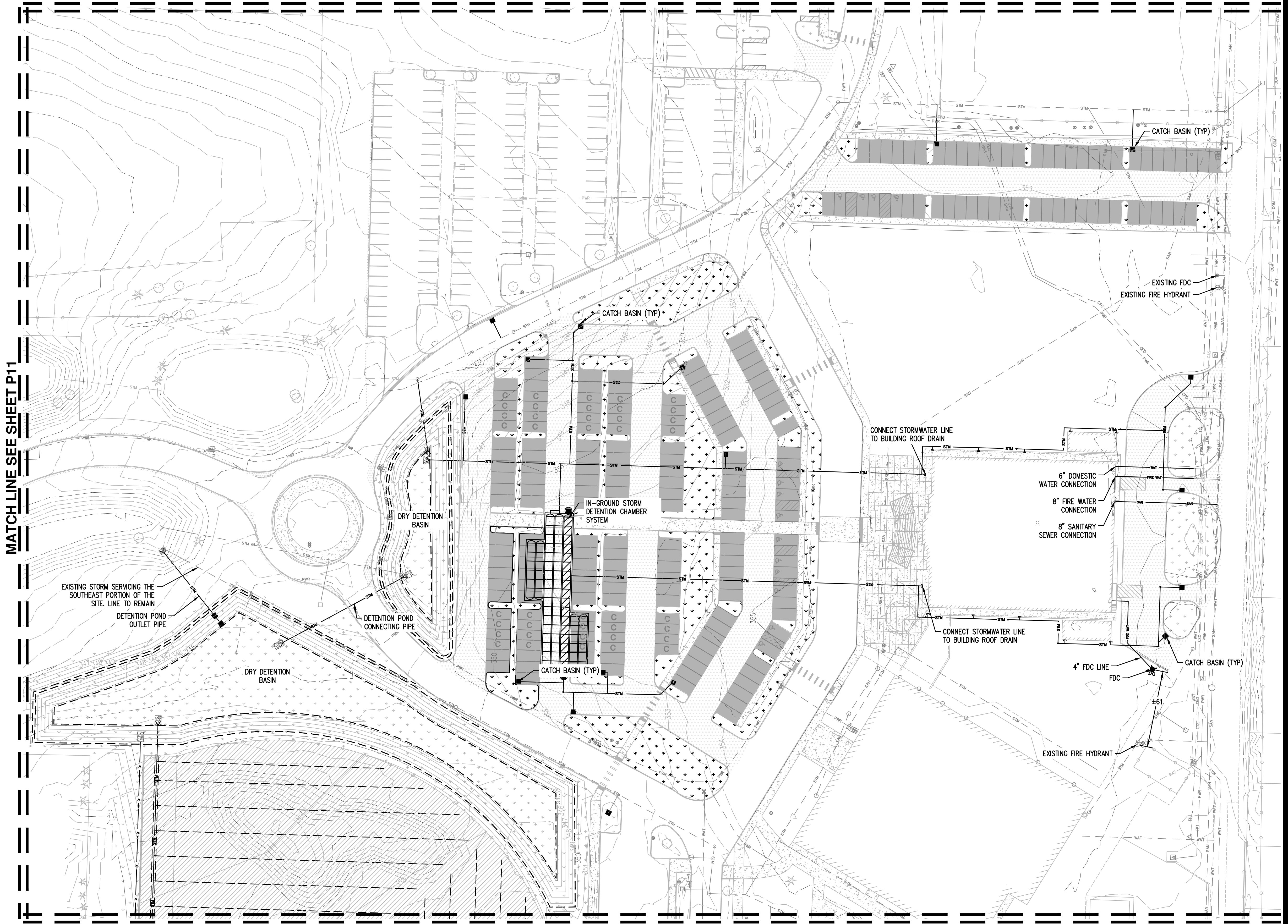
HORIZON COMMUNITY CHURCH EXPANSION

TUALATIN OREGON

PRELIMINARY
 NOT FOR
 CONSTRUCTION

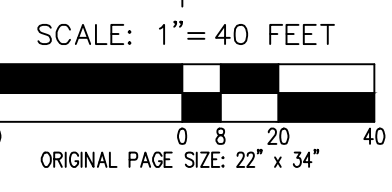
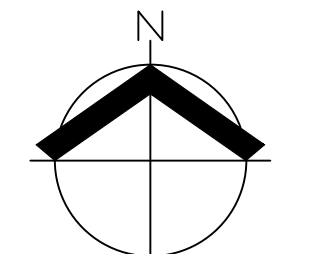
JOB NUMBER:	9349
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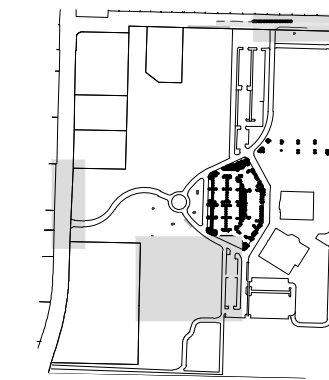
MATCH LINE SEE SHEET P11



MATCH LINE SEE SHEET P11

MATCH LINE SEE SHEET P11



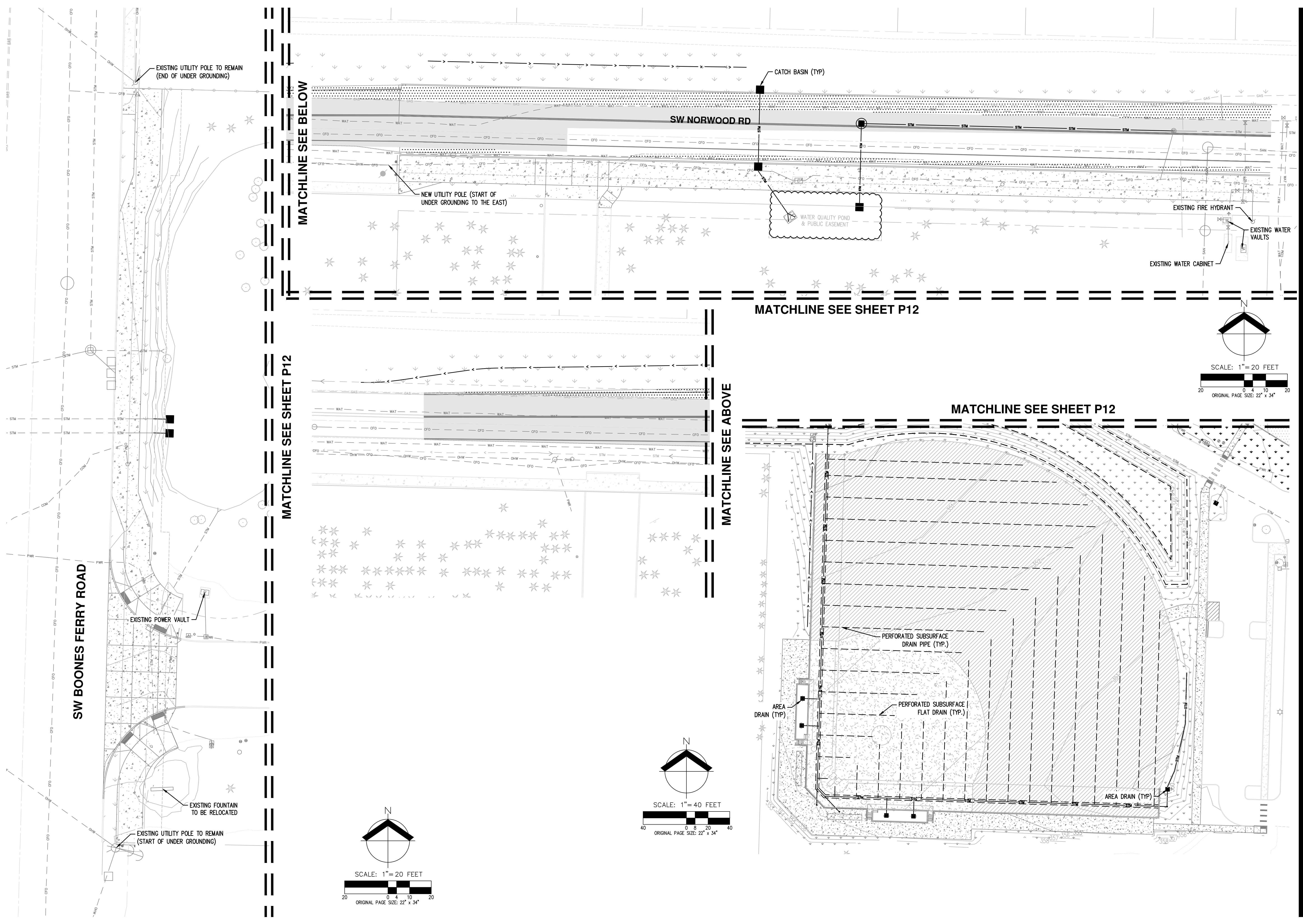


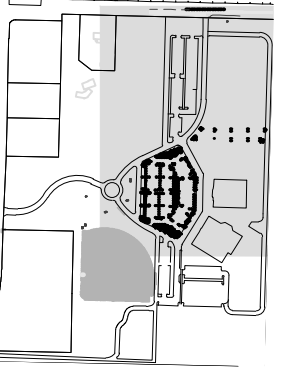
PRELIMINARY COMPOSITE UTILITY PLAN - AUXILIARY SITES

**HORIZON COMMUNITY CHURCH EXPANSION
 TUALATIN OREGON**

**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

JOB NUMBER:	9349
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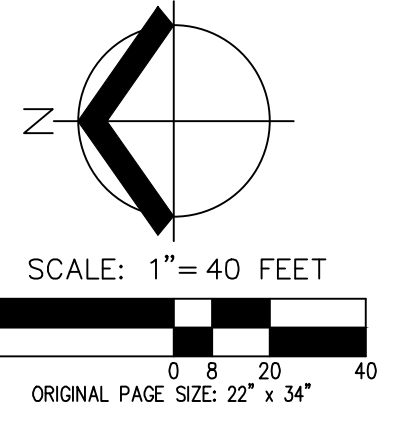
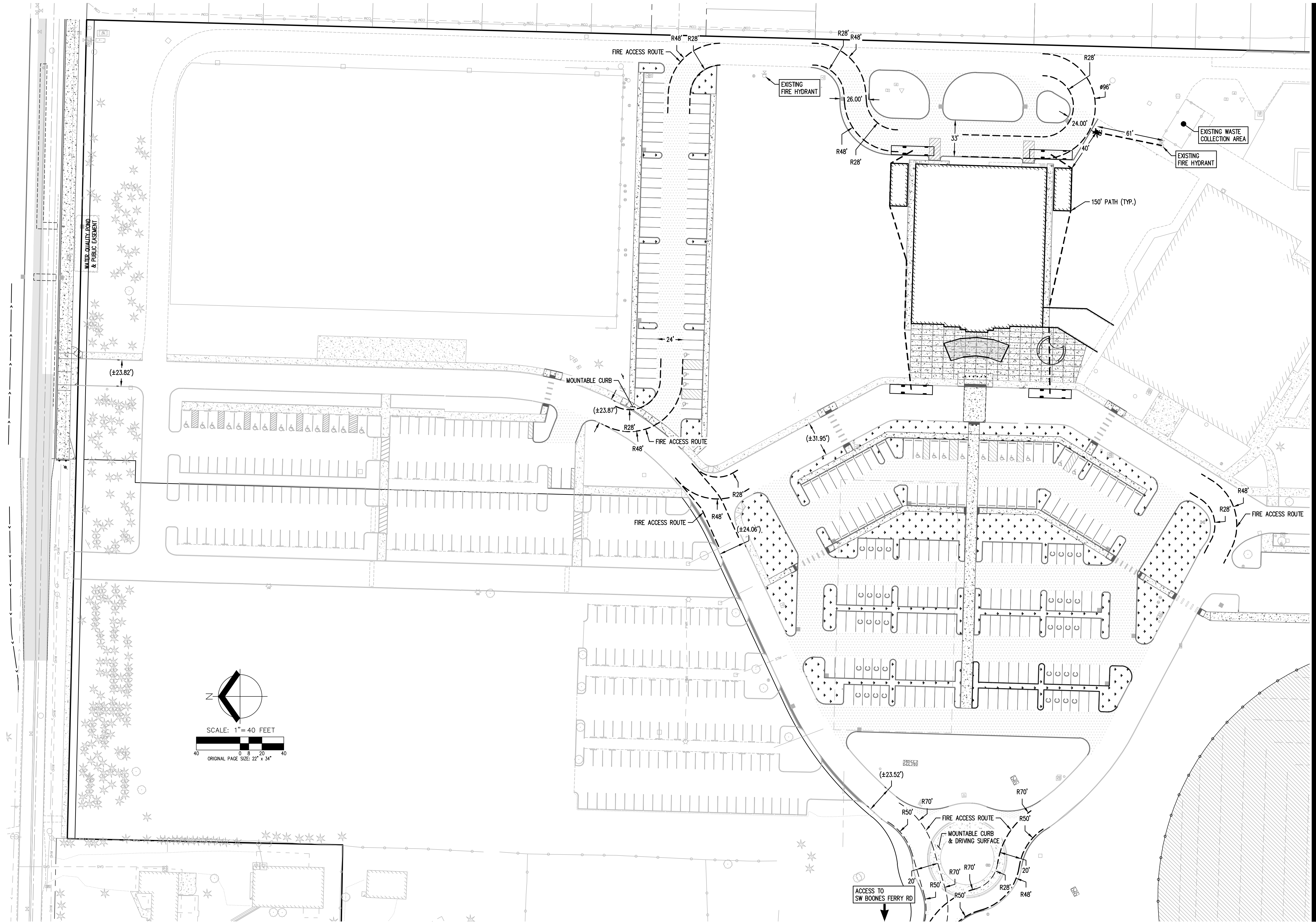
PRELIMINARY GARBAGE AND FIRE ACCESS PLAN

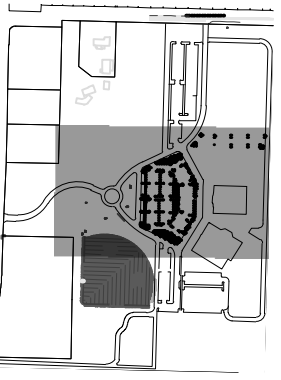
HORIZON COMMUNITY CHURCH EXPANSION

TUALATIN OREGON

**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

JOB NUMBER:	9349
DATE:	05/08/2024
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**PRELIMINARY TREE PRESERVATION AND
 REMOVAL PLAN
 HORIZON COMMUNITY CHURCH EXPANSION
 TUALATIN
 OREGON**

**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

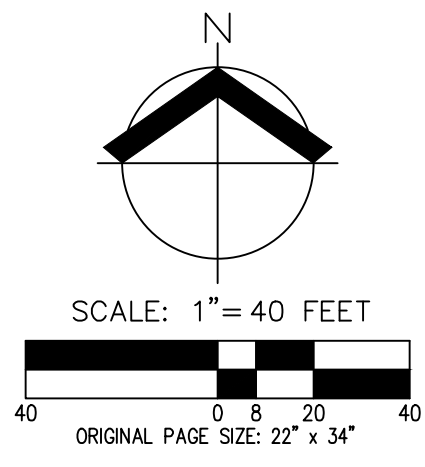
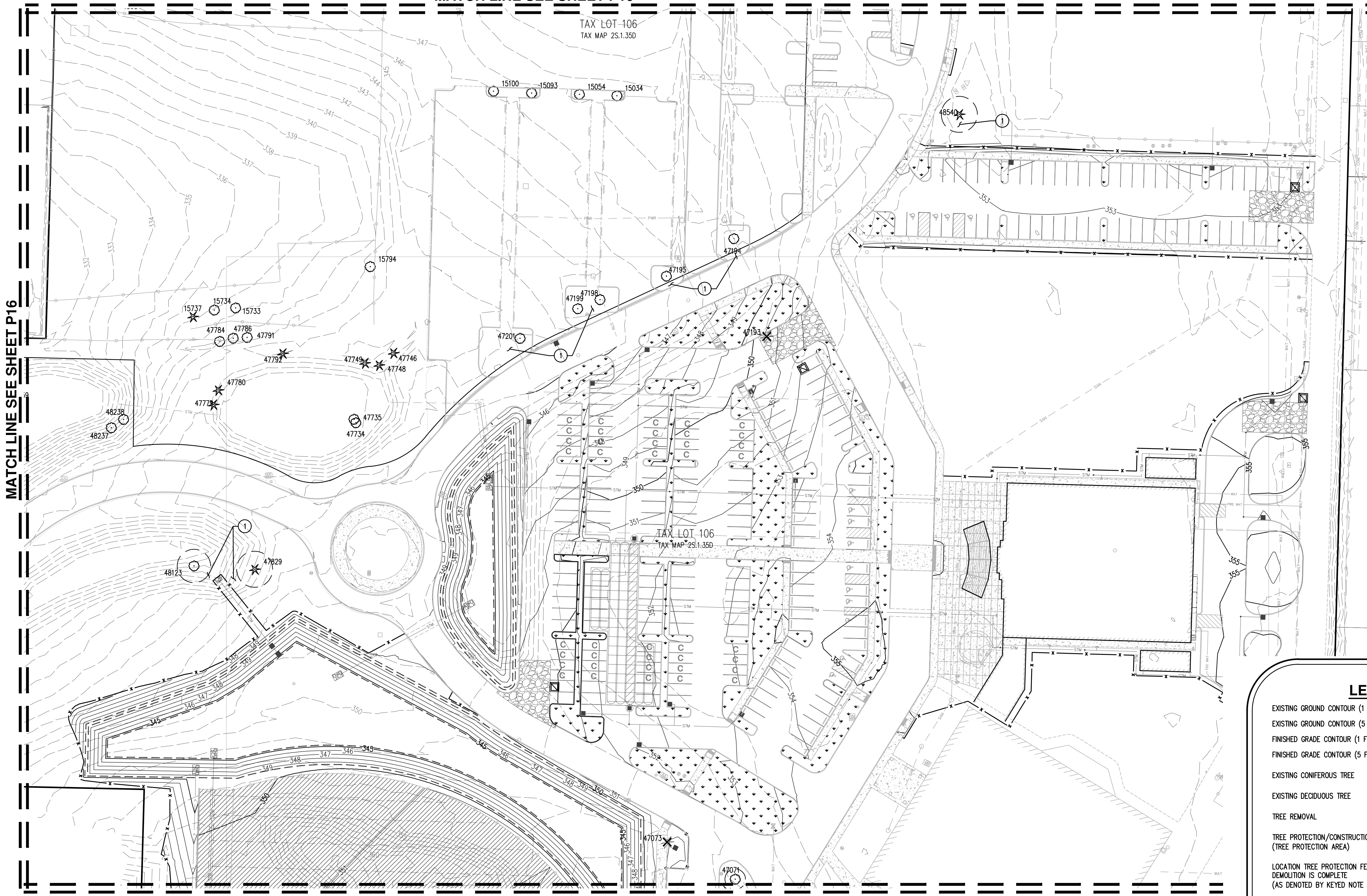
JOB NUMBER: 9349
 DATE: 05/08/2024
 DESIGNED BY: CAK
 DRAWN BY: TBD
 CHECKED BY: CAK

MATCH LINE SEE SHEET P16

TAX LOT 106
 TAX MAP 2S.1.35D

TAX LOT 106
 TAX MAP 2S.1.35D

MATCH LINE SEE SHEET P16



LEGEND

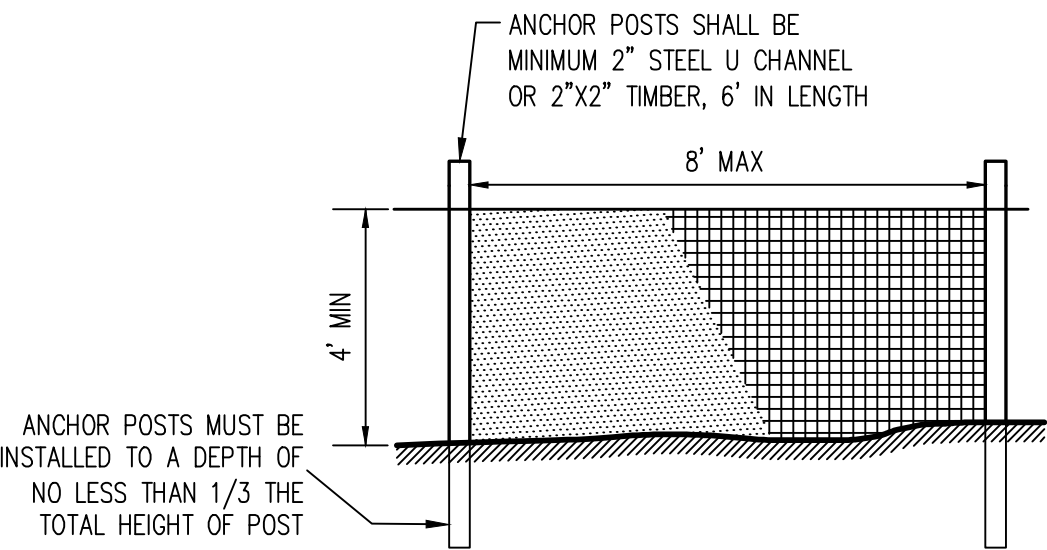
EXISTING GROUND CONTOUR (1 FT)	---	149
EXISTING GROUND CONTOUR (5 FT)	---	150
FINISHED GRADE CONTOUR (1 FT)	---	149
FINISHED GRADE CONTOUR (5 FT)	---	150
EXISTING CONIFEROUS TREE		
EXISTING DECIDUOUS TREE		
TREE REMOVAL		
TREE PROTECTION/CONSTRUCTION FENCE (TREE PROTECTION AREA)		
LOCATION TREE PROTECTION FENCE AFTER DEMOLITION IS COMPLETE (AS DENOTED BY KEYED NOTE #3)		
ORANGE SEDIMENT FENCE (ALSO SERVES AS TREE PROTECTION FENCE WHERE SHOWN)		
STRAW WATTLE (TO BE USED IN LIEU OF SEDIMENT FENCE WITHIN ROOT ZONES OF TREES TO BE PRESERVED)		
ASSUMED TREE ROOT ZONE (1-FT RADIUS PER 1-IN OF DBH)		

TREE PROTECTION KEYED NOTES:

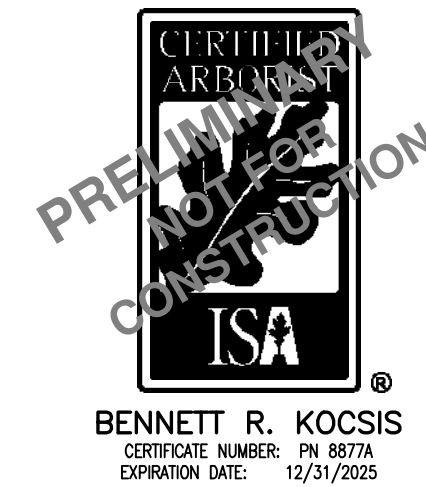
- ① CONSTRUCTION ACTIVITIES, EQUIPMENT STAGING, MATERIAL STORAGE, GROUND DISTURBANCE ETC. IS NOT ANTICIPATED IN THIS AREA. IF THESE ACTIVITIES ARE NECESSARY, THEN TREE PROTECTION MEASURES MAY BE REQUIRED. COORDINATE WITH THE PROJECT ARBORIST.

NOTES:

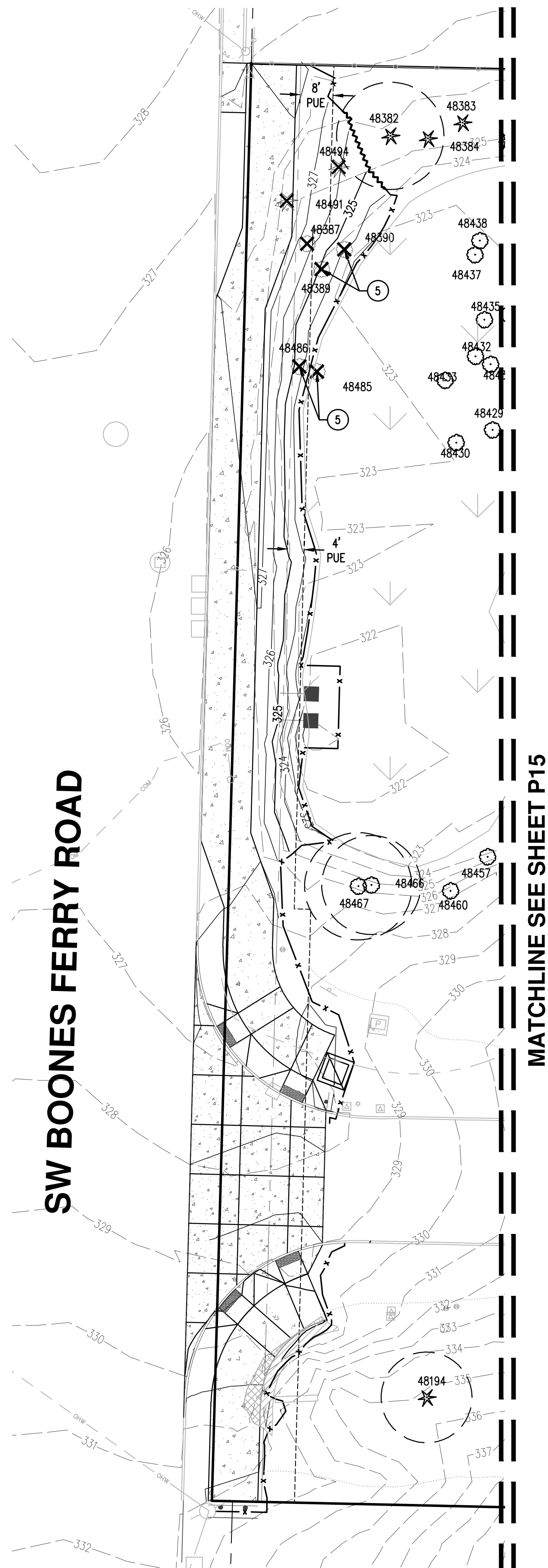
- 1. BLAZE ORANGE PLASTIC MESH FENCE FOR TREE PROTECTION DEVICE OR APPROVED EQUAL.
- 2. AVOID DAMAGE TO TREE ROOT ZONE. DO NOT DAMAGE OR SEVER LARGE ROOTS WHEN INSTALLING POSTS.
- 3. DEVICE SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.



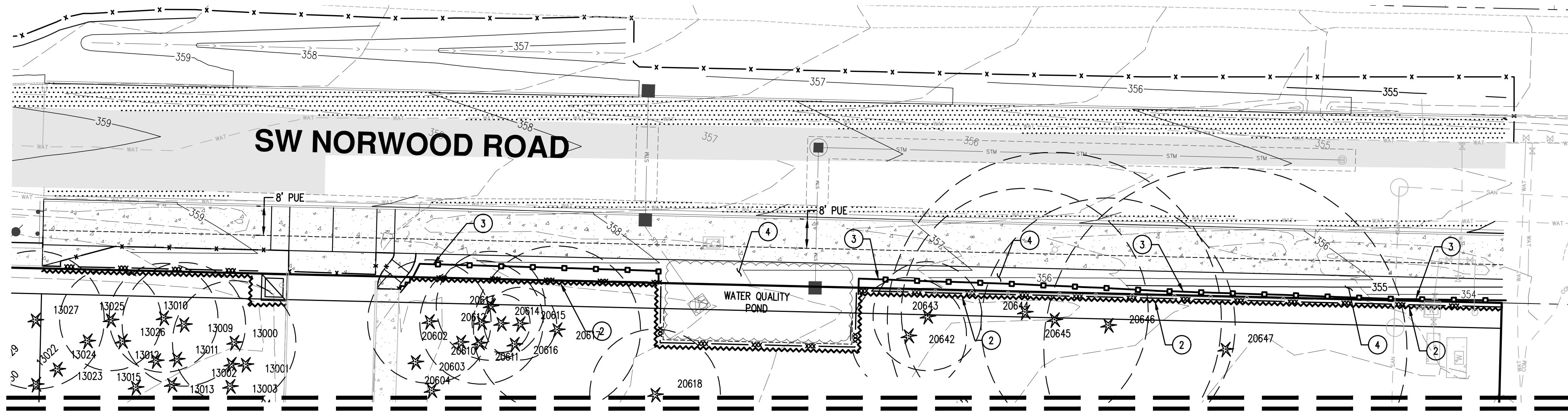
TREE PROTECTION / CONSTRUCTION FENCE



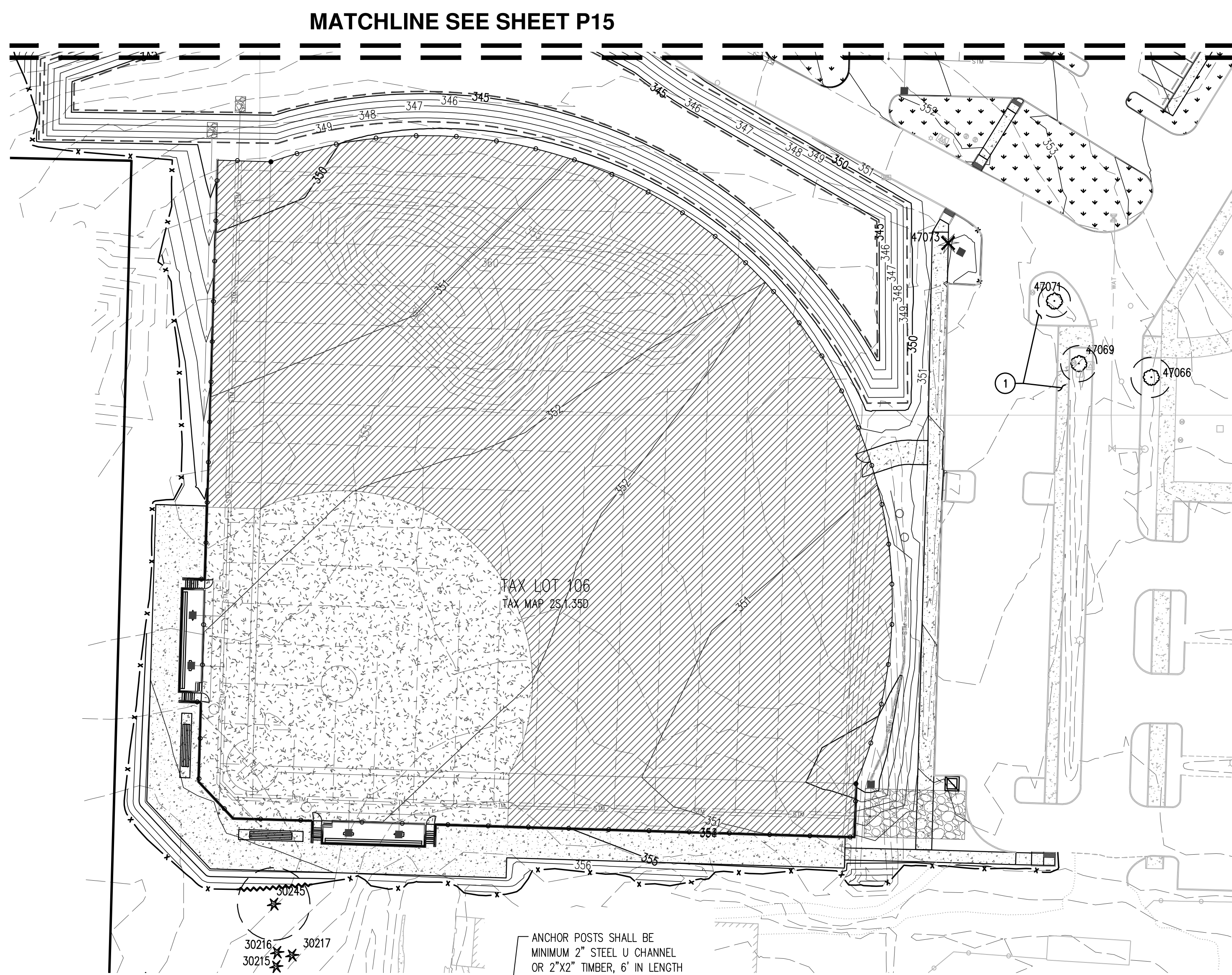
SW BOONES FERRY ROAD



MATCHLINE SEE SHEET P15



MATCHLINE SEE SHEET P15

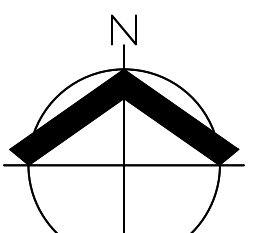


LEGEND

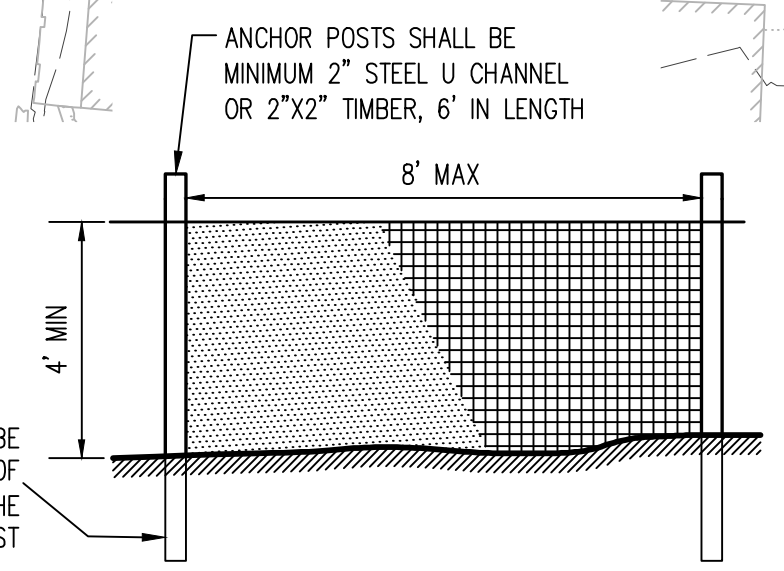
EXISTING GROUND CONTOUR (1 FT)	---	149
EXISTING GROUND CONTOUR (5 FT)	---	150
FINISHED GRADE CONTOUR (1 FT)	---	149
FINISHED GRADE CONTOUR (5 FT)	---	150
EXISTING CONIFEROUS TREE	★	
EXISTING DECIDUOUS TREE	○	
TREE REMOVAL	✕	
TREE PROTECTION/CONSTRUCTION FENCE (TREE PROTECTION AREA)	~	
LOCATION TREE PROTECTION FENCE AFTER DEMOLITION IS COMPLETE (AS DENOTED BY KEYED NOTE #3)	—	
ORANGE SEDIMENT FENCE (ALSO SERVES AS TREE PROTECTION FENCE WHERE SHOWN)	-x-x-	
STRAW WATTLE (TO BE USED IN LIEU OF SEDIMENT FENCE WITHIN ROOT ZONES OF TREES TO BE PRESERVED)	-x-x-x-	
ASSUMED TREE ROOT ZONE (1-FT RADIUS PER 1-IN OF DBH)	○	

TREE PROTECTION KEYED NOTES:

- 1 CONSTRUCTION ACTIVITIES, EQUIPMENT STAGING, MATERIAL STORAGE, GROUND DISTURBANCE ETC. IS NOT ANTICIPATED IN THIS AREA. IF THESE ACTIVITIES ARE NECESSARY, THEN TREE PROTECTION MEASURES MAY BE REQUIRED. COORDINATE WITH THE PROJECT ARBORIST.
- 2 LOCATION OF TREE PROTECTION FENCE DURING DEMOLITION. TREE PROTECTION FENCE TO BE ADJUSTED TO FINAL LOCATION AS SHOWN BY NOTE #3 FOLLOWING DEMOLITION AND PRIOR TO GROUND DISTURBING ACTIVITIES.
- 3 LOCATION OF TREE PROTECTION FENCE AFTER DEMOLITION IS COMPLETE (PRIOR TO ANY GROUND DISTURBING ACTIVITIES).
- 4 ASPHALT BEING DEMOLISHED NEAR TREES TO BE PRESERVED SHOULD BE REMOVED BY STRIPPING MATERIAL TO BARE SOIL, BEING CAREFUL NOT TO DAMAGE TREE ROOTS. EXCAVATION BEYOND STRIPPING ASPHALT, BASE ROCK, ETC. SHOULD NOT OCCUR. COMPACTION, EXCAVATION, AND EQUIPMENT TRACK WALKING SHOULD BE AVOIDED ON PORTIONS OF THE TREE PROTECTION AREA WHERE ASPHALT HAS BEEN REMOVED. IF CONSTRUCTION ACCESS IS DESIRED IN AREAS WHERE ASPHALT HAS BEEN REMOVED, THEN STEEL PLATES, MULCH, OR OTHER MATERIAL AS APPROVED BY THE PROJECT ARBORIST SHOULD BE PLACED SO AS NOT TO CAUSE EXCESSIVE SOIL COMPACTION. A CERTIFIED ARBORIST SHOULD BE ONSITE DURING DEMOLITION IN THIS AREA.
- 5 STUMP OF TREE TO BE REMOVED SHALL BE CUT FLUSH WITH THE GROUND AND LEFT IN PLACE.



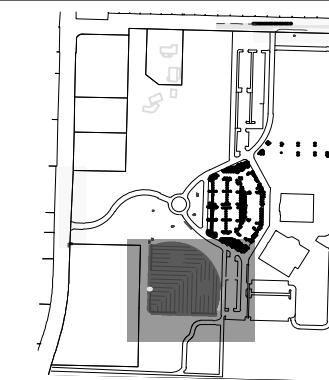
SCALE: 1" = 40 FEET
ORIGINAL PAGE SIZE: 22" x 34"



ANCHOR POSTS MUST BE INSTALLED TO A DEPTH OF NO LESS THAN 1/3 THE TOTAL HEIGHT OF POST

- NOTES:
1. BLAZE ORANGE PLASTIC MESH FENCE FOR TREE PROTECTION DEVICE OR APPROVED EQUAL.
 2. AVOID DAMAGE TO TREE ROOT ZONE. DO NOT DAMAGE OR SEVER LARGE ROOTS WHEN INSTALLING POSTS.
 3. DEVICE SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.

TREE PROTECTION / CONSTRUCTION FENCE



**PRELIMINARY TREE PRESERVATION AND REMOVAL PLAN
HORIZON COMMUNITY CHURCH EXPANSION
TUALATIN OREGON**

PRELIMINARY NOT FOR CONSTRUCTION



BENNETT R. KOCIS
CERTIFICATE NUMBER: PN 88774
EXPIRATION DATE: 12/31/2025

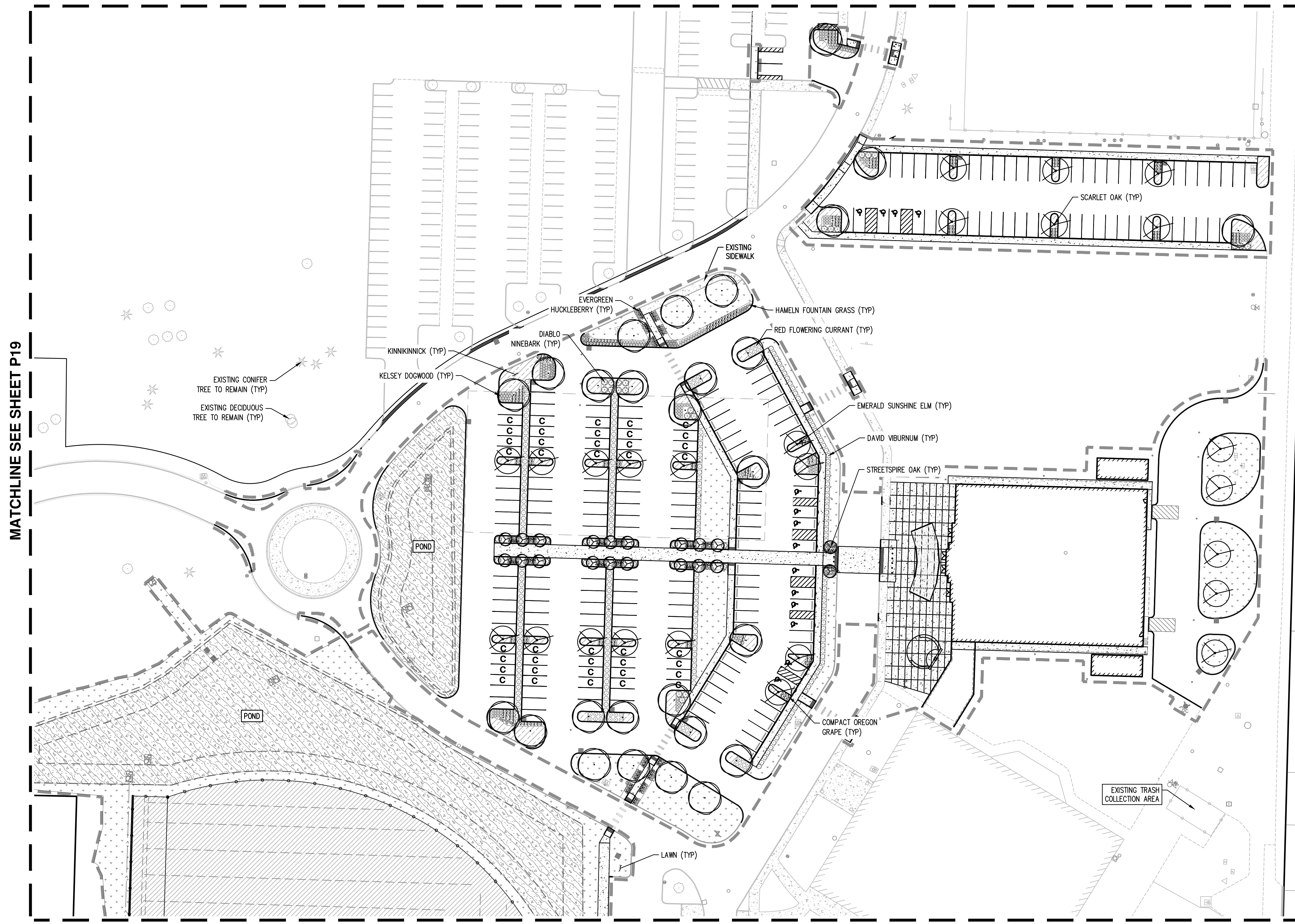
JOB NUMBER: 9349
DATE: 05/08/2024
DESIGNED BY: CAK
DRAWN BY: TBD
CHECKED BY: CAK

PRELIMINARY LANDSCAPE PLAN - PARKING LOT
HORIZON COMMUNITY CHURCH EXPANSION
TUALATIN OREGON

**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

JOB NUMBER:	9349
DATE:	05/08/2024
DESIGNED BY:	JRH
DRAWN BY:	JRH
CHECKED BY:	TEB

MATCHLINE SEE SHEET P19



MATCHLINE SEE SHEET P19

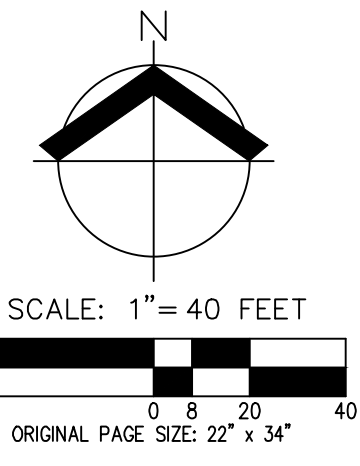
MATCHLINE SEE SHEET P19

GENERAL NOTE

- REFER TO SHEET P-20 FOR LANDSCAPE SCHEDULE AND NOTES.

AREA SUMMARY

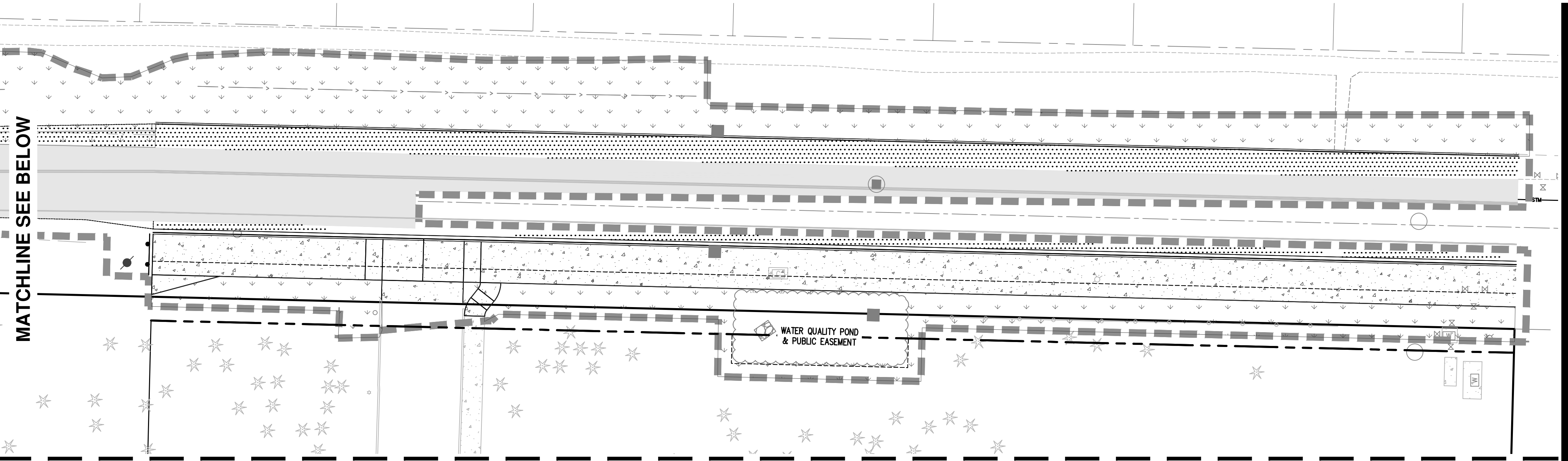
SUBJECT PROPERTY AREA	= ±29.4 ACRES
TOTAL DISTURBED AREA	= ±8.3 ACRES
EXISTING IMPERVIOUS AREA	= ±445,340 SF
NEW IMPERVIOUS AREA	= ±252,730 SF
TOTAL IMPERVIOUS AREA	= ±698,250 SF
PARKING LOT LANDSCAPE AREA	= ±30,700 SF



SW BOONES FERRY RD

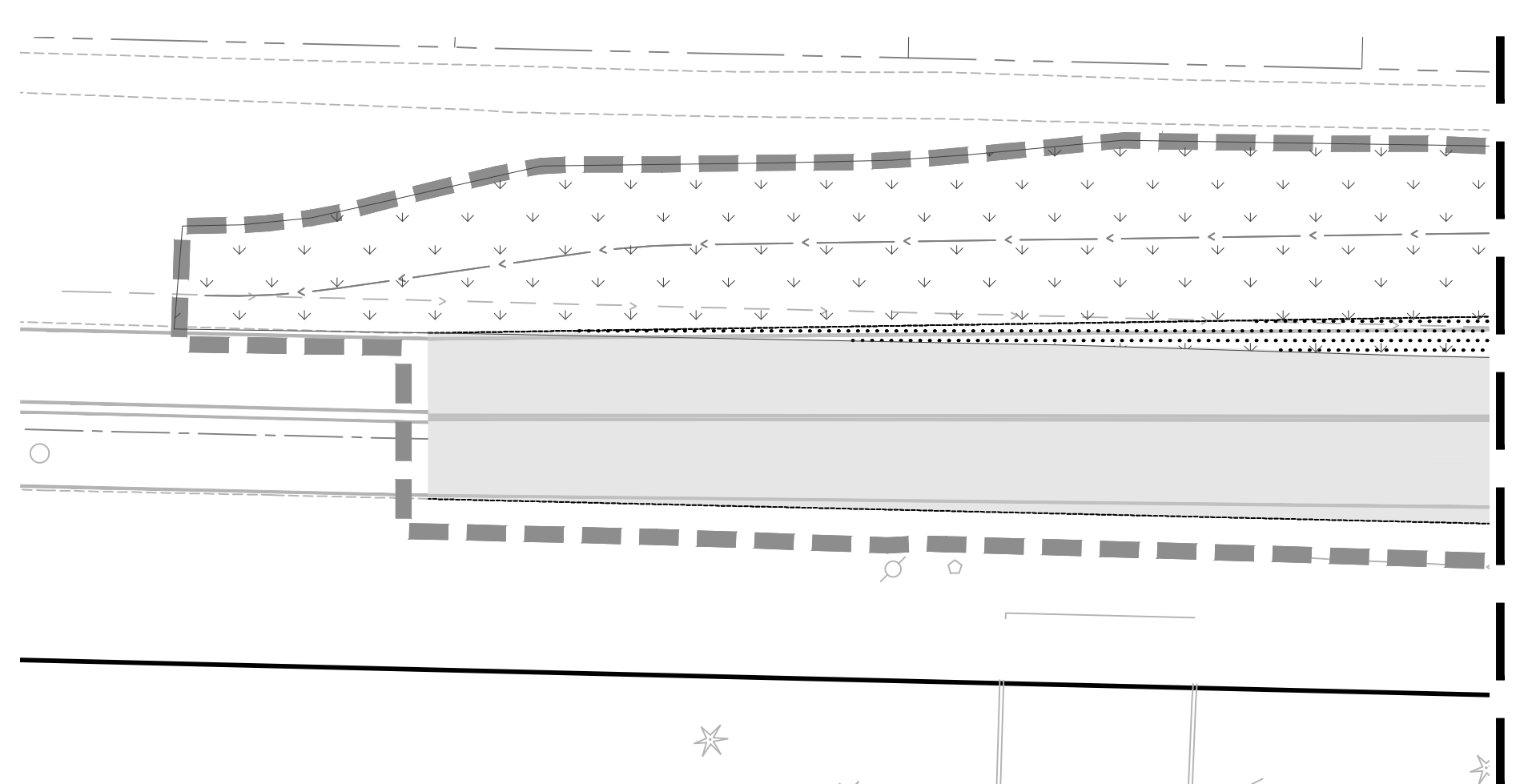


MATCHLINE SEE SHEET P18



MATCHLINE SEE BELOW

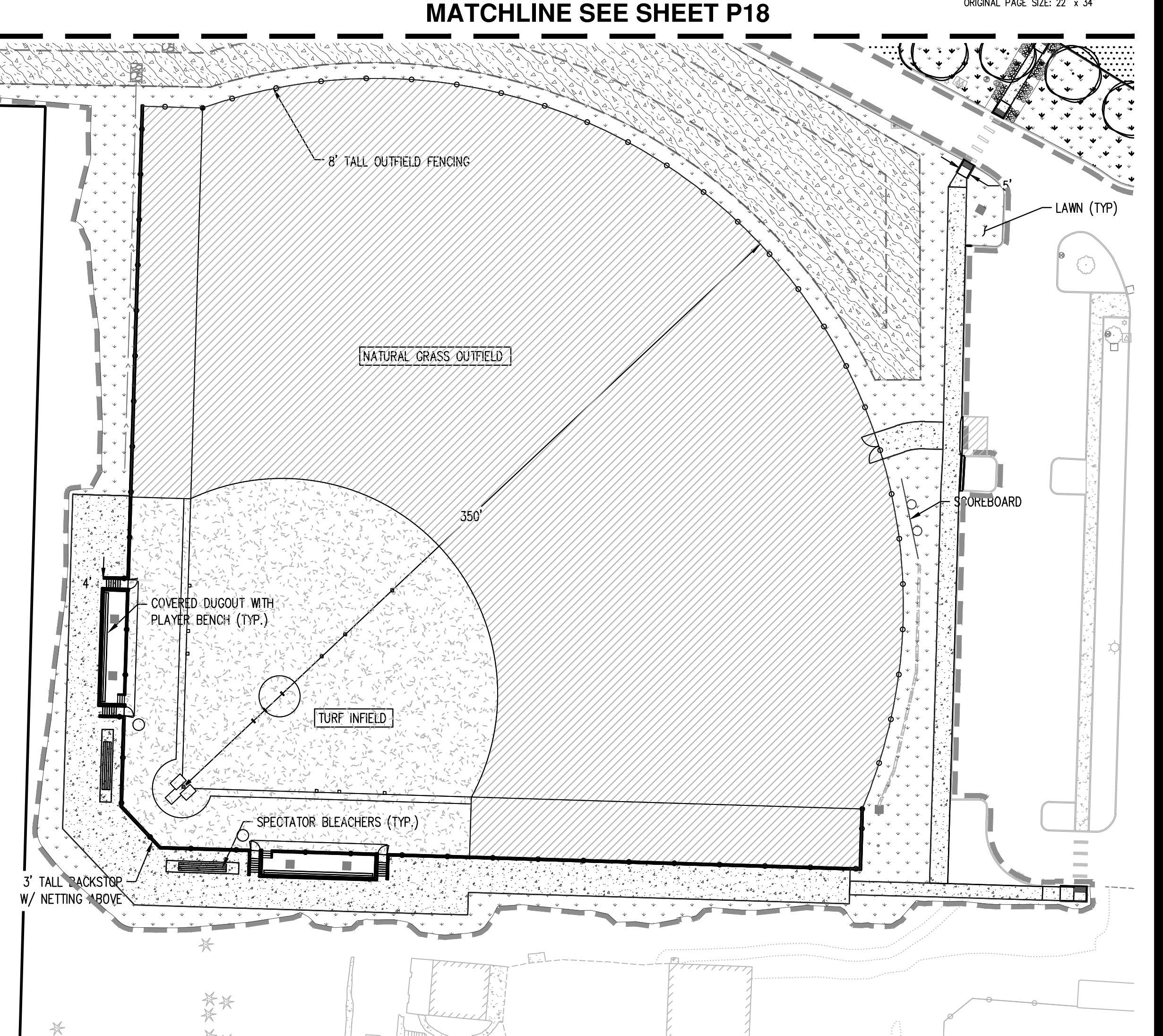
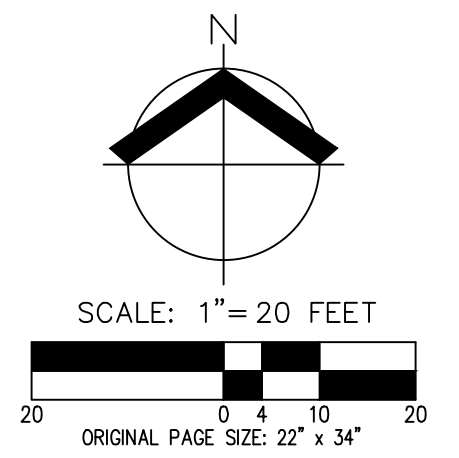
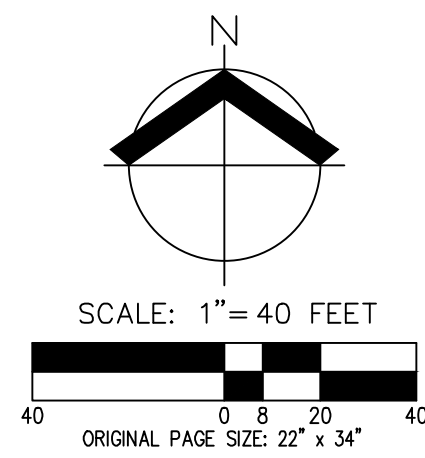
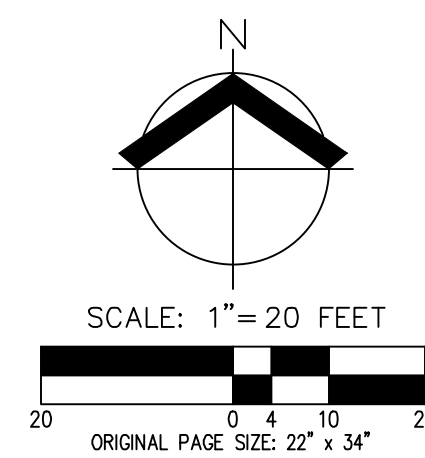
MATCHLINE SEE SHEET P18



MATCHLINE SEE ABOVE

GENERAL NOTE

- 1. REFER TO SHEET P-20 FOR LANDSCAPE SCHEDULE AND NOTES.



PRELIMINARY LANDSCAPE PLAN - AUXILIARY SITES

HORIZON COMMUNITY CHURCH EXPANSION
TUALATIN

OREGON

PRELIMINARY
NOT FOR
CONSTRUCTION



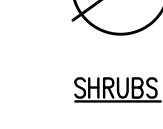







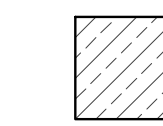
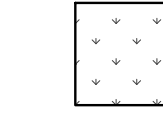

JOB NUMBER:	9349
DATE:	05/08/2024
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DRAWN BY:	JRH
CHECKED BY:	TEB

P19

PRELIMINARY LANDSCAPE NOTES

- PLANTS AND PLANTINGS ARE PRELIMINARY AND SHOWN TO PORTRAY THE CHARACTER OF THE SITE. PLAN REVISIONS INCLUDING CHANGES TO PLANT SPECIES, SIZES, SPACING, QUANTITIES, ETC., DUE TO PLANT AVAILABILITY, FINAL FIELD LOCATIONS OF DRIVEWAYS, UTILITIES, ETC., OR UNFORESEEN SITE CONDITIONS, MAY BE MADE PRIOR TO INSTALLATION WHERE ALLOWED BY THE CITY OF TUALATIN DESIGN STANDARDS.
- ALL PLANTS AND INSTALLATION SHALL CONFORM TO THE CITY OF TUALATIN LANDSCAPE DESIGN STANDARDS AND TO THE AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1, CURRENT EDITION, IN ALL WAYS. TREES AND OTHER LANDSCAPING PLANT MATERIAL SHALL BE WELL-BRANCHED AND TYPICAL FOR THE SPECIES, BEING FREE OF DAMAGE, DISEASE, OR PESTS.
- PLANT MATERIALS SHALL BE INSTALLED TO CURRENT BEST PRACTICE INDUSTRY STANDARDS, SUCH AS THOSE ADOPTED BY THE OREGON LANDSCAPE CONTRACTORS BOARD (OLCB).
- ALL TREES SHALL BE DOUBLE STAKED. SUPPORT DEVICES (GUY WIRES, ETC.) SHALL NOT INTERFERE WITH NORMAL PEDESTRIAN OR VEHICULAR MOVEMENT OR PLACED IN SUCH A WAY TO DAMAGE TREE BARK. CENTER TREE IN PLANTING STRIP BETWEEN CURB AND SIDEWALK WHERE APPLICABLE.
- LANDSCAPING WITHIN VISION CLEARANCE AREAS SHALL BE MAINTAINED TO THE STANDARDS OF SECTION 4.177. OF THE CITY OF TUALATIN'S DEVELOPMENT CODE.
- WATERING WILL BE PROVIDED FOR NEW PLANTING ESTABLISHMENT AND LONG TERM PLANT HEALTH. IRRIGATION SYSTEMS SHALL BE DESIGN-BUILD BY THE LANDSCAPE CONTRACTOR.
- MULCH: APPLY 3" DEEP WELL-AGED DARK HEMLOCK, OR FIR, MEDIUM GRIND, UNDER AND AROUND ALL PLANTS IN PLANTING BEDS. WHERE TREES OR OTHER WOODY PLANT MATERIAL ARE PLANTED IN SEEDED AREAS, A MINIMUM 3" DIAMETER BARK MULCH SHALL BE USED AND CENTERED ON THE PLANT TRUNK FOR EASE OF MAINTENANCE AND SOIL MOISTURE RETENTION.

PRELIMINARY PLANT SCHEDULE

TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE/CONTAINER	SPACING
	27	QUERCUS COCCINEA	SCARLET OAK	2" CAL. B&B	AS SHOWN
	20	QUERCUS X BIMUNDORUM 'JFS-KW1QX'	STREETSPIRE OAK	2" CAL. B&B	AS SHOWN
	25	ULMUS PROPINQUA 'JFS-BIEBERICH'	EMERALD SUNSHINE ELM	2" CAL. B&B	AS SHOWN
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE/CONTAINER	SPACING
	187	CORNUS SERICEA 'KELSEY'	KELSEY DOGWOOD	2 GAL. CONT.	24" o.c.
	234	MAHONIA AQUIFOLIUM 'COMPACTA'	COMPACT OREGON GRAPE	2 GAL. CONT.	30" o.c.
	184	PENNISETUM ALOPECUROIDES 'HAMELN'	HAMELN FOUNTAIN GRASS	1 GAL. CONT.	24" o.c.
	35	PHYSOCARPUS OPULIFOLIUS 'MONLO'	DIABOLO NINEBARK	3 GAL. CONT.	60" o.c.
	36	RIBES SANGUINEUM	RED FLOWERING CURRANT	2 GAL. CONT.	36" o.c.
	78	VACCINIUM OVATUM	EVERGREEN HUCKLEBERRY	2 GAL. CONT.	36" o.c.
	220	VIBURNUM DAVIDII	DAVID VIBURNUM	2 GAL. CONT.	42" o.c.
GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	SIZE/CONTAINER	SPACING
	712	ARCTOSTAPHYLOS UVA-URSI	KINNIKINICK	1 GAL. CONT.	30" o.c.
	±58,549 SF	LAWN - NORTHWEST SUPREME LAWN MIX. SUNMARK SEEDS OR APPROVED EQUAL. COMPOSITION BY WEIGHT: CUTTER II PERENNIAL RYEGRASS (LOLIUM PERENNE VAR CUTTER II) 35%; DASHER III PERENNIAL RYEGRASS (LOLIUM PERENNE VAR DASHER III) 35%; GARNET CREEPING RED FESCUE (FESTUCA RUBRA) 15%; WINDWARD CHEWINGS FESCUE (FESTUCA RUBRA SPP. LONGIFOLIA) 15%. APPLY AT A RATE OF 8 LBS PER 1,000 SF OR AS RECOMMENDED BY SUPPLIER FOR FULL COVERAGE. (HIGH WATER USAGE - PERMANENT IRRIGATION)			
	±44,628 SF	STORMWATER FACILITY PLANTED TO CITY OF TUALATIN STANDARDS			

PRELIMINARY LANDSCAPE NOTES AND PLANT SCHEDULE
HORIZON COMMUNITY CHURCH EXPANSION
TUALATIN OREGON

PRELIMINARY NOT FOR CONSTRUCTION

JOB NUMBER:	9349
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DESIGNED BY:	JRH
DRAWN BY:	JRH
CHECKED BY:	TEB