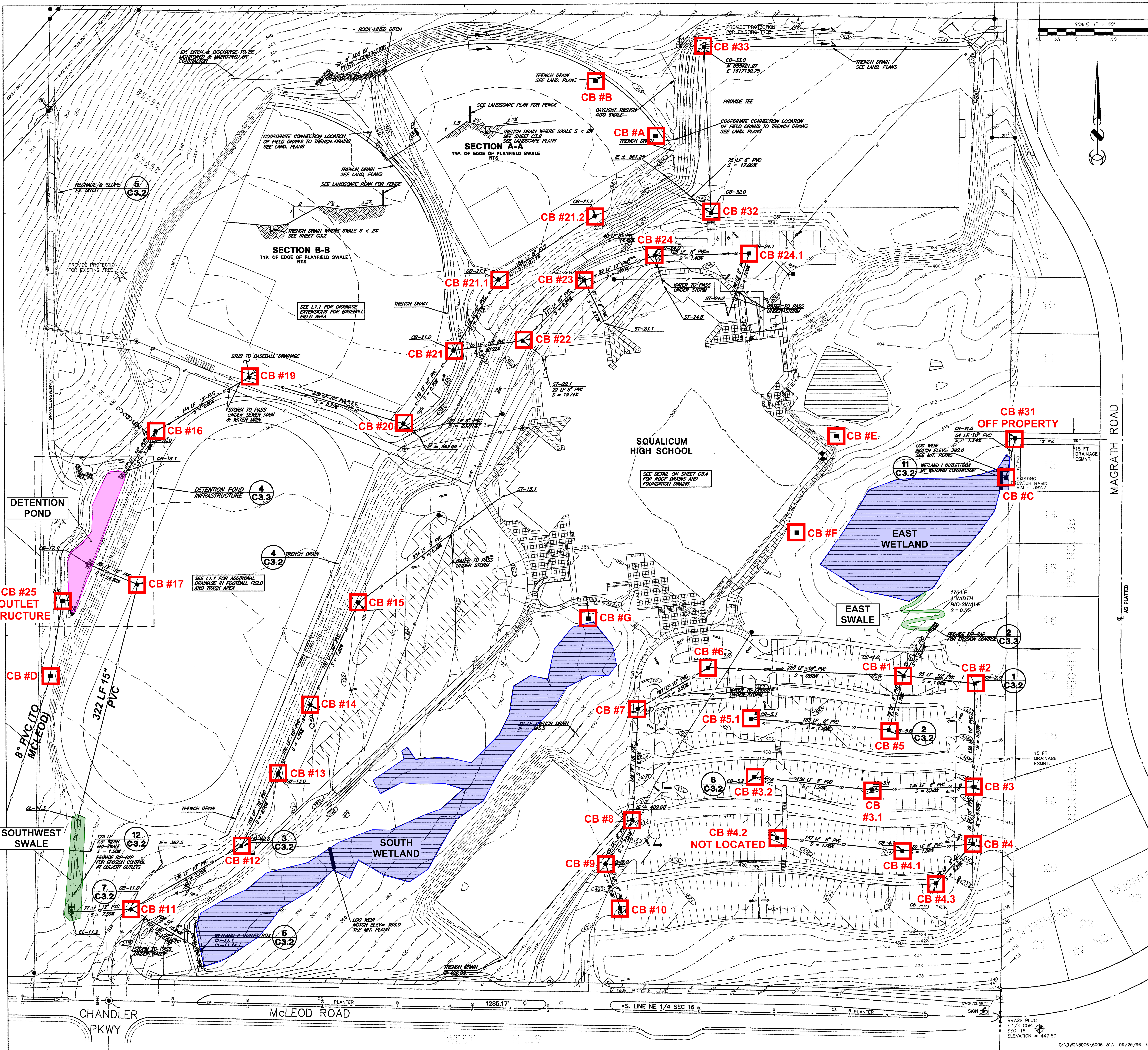

DRAINAGE STRUCTURE	SITE COORDINATES NORTHING	SITE COORDINATES EASTING	RIM	INVERTS NORTH	INVERTS EAST	INVERTS SOUTH	INVERTS WEST
CL- 1.1 , CUL	N 654643.19	E 1617428.08	---	395.50	---	---	---
CB- 1.0 ,TYPE SC	N 654582.81	E 1617392.36	399.36	395.75	395.85	395.85	395.85
CB- 2.0 , TYPE I	N 654572.43	E 1617486.65	400.32	---	---	396.90	396.80
CB- 3.0 , TYPE I	N 654434.80	E 1617484.76	408.27	403.87	---	403.97	403.97
CB- 3.1 , TYPE I	N 654431.45	E 1617349.74	407.87	---	404.65	---	404.75
CB- 3.2 , INLET	N 654448.06	E 1617193.98	410.52	---	407.12	---	---
CB- 4.0 , TYPE I	N 654358.78	E 1617483.23	414.09	409.35	---	409.35	409.35
CB- 4.1 , TYPE I	N 654349.88	E 1617398.89	413.34	---	410.15	---	410.35
CB- 4.2 , INLET	N 654367.53	E 1617224.10	415.85	---	412.12	---	---
CB- 4.3 , INLET	N 654306.39	E 1617434.14	419.81	416.61	---	---	---
CB- 5.0 , TYPE I	N 654511.03	E 1617372.44	402.10	397.16	---	---	397.26
CB- 5.1 , INLET	N 654526.24	E 1617189.72	403.12	---	400.00	---	---
CB- 6.0 , TYPE I	N 654594.16	E 1617133.60	400.00	397.14	397.14	---	397.14
CB- 7.0 , TYPE I	N 654540.06	E 1617040.80	403.21	---	399.82	399.92	---
CB- 8.0 , TYPE I	N 654391.83	E 1617032.53	413.84	409.98	---	410.08	---
CB- 9.0 , TYPE I	N 654333.47	E 1616996.57	417.95	414.91	---	415.01	---
CB- 10.0 , INLET	N 654274.94	E 1617015.59	421.70	417.96	---	---	---
CB- 11.0 ,TYPE SC	N 654275.01	E 1616364.11	372.27	363.60	363.50 4" / 364.50 10"	--- / ---	363.15
CL- 11.1 , CUL	N 654226.59	E 1616446.25	I.E.= 382.50 10"				
CL- 11.1A, CUL	N 654226.59	E 1616446.25	I.E.= 380.00 4"				
CL- 11.2 , CUL	N 654271.32	E 1616287.12	I.E.= 357.37				
CL- 11.3 , CUL	N 654395.51	E 1616293.60	I.E.= 355.50				
CL- 11.4 , CUL	N 654667.30	E 1616288.29	I.E.= 349.60				
CB- 12.0 , TYPE II	N 654359.41	E 1616511.64	375.34	370.08	---	---	369.98
CB- 13.0 , TYPE I	N 654455.64	E 1616561.36	375.47	372.34	---	372.24	---
CB- 14.0 , TYPE I	N 654547.07	E 1616604.53	377.16	373.70	---	373.60	---
CB- 15.0 , TYPE I	N 654682.90	E 1616669.02	380.08	376.50	---	376.40	---
ST- 15.1 , STUB	N 654821.37	E 1616857.60	I.E.= 382.54				
CL- 16.1 , CUL	N 654857.70	E 1616360.00	I.E.= 348.25				
CB- 16.0 , TYPE II	N 654912.29	E 1616399.99	359.90	350.87	---	350.77	---
CB- 17.0 , TYPE II	N 654707.70	E 1616374.45	365.0±	---	361.50	---	359.00
CB- 17.1 , CUL	N 654732.88	E 1616314.16	I.E.= 349.55				
CB- 19.0 , TYPE II	N 654983.81	E 1616524.42	363.25	359.25	---	354.46	354.56
CB- 20.0 , TYPE I	N 654921.39	E 1616729.70	359.50	356.31	356.21	---	---
CB- 21.0 , TYPE I	N 655018.57	E 1616797.51	359.50	357.31	357.31	357.20	---
CB- 21.0A, TYPE I	N 655113.17	E 1616857.28	367.50	359.67	---	359.67	---
CB- 21.1 , INLET	N 655196.83	E 1616986.07	366.80	---	---	362.90	---
CB- 22.0 , TYPE I	N 655031.38	E 1616889.07	379.62	376.10	376.10	---	376.00
ST- 22.1 , STUB	N 655013.24	E 1616911.41	I.E. = 381.78				
CB- 23.0 , TYPE I	N 655110.94	E 1616971.38	382.07	---	378.67	378.67	378.57
ST- 23.1 , STUB	N 655055.91	E 1616997.68	I.E. = 384.63				
CB- 24.0 , TYPE I	N 655143.84	E 1617065.11	385.57	---	381.25	381.25	381.15
ST- 24.1 , INLET	N 655146.22	E 1617190.00	386.70	---	---	383.10	383.00
ST- 24.2 , STUB	N 655063.05	E 1617161.72	I.E. = 385.74				
ST- 24.5 , STUB	N 655105.73	E 1617075.90	I.E. = 386.96				
CB- 25.0 , TYPE II	N 654867.51	E 1616320.03	354.0±	---	348.00	---	348.00
CL- 25.1 , CUL	N 654856.67	E 1616336.63	IE= 348.10				
CL- 25.2 , CUL	N 654908.79	E 1616270.82	IE= 347.0± DAYLITE @ EX. GRADE				
CL- 25.3 , CUL	N 654856.79	E 1616306.03	IE= 352.75				
CL- 25.4 , CUL	N 654890.74	E 1616287.49	IE= 351.0± DAYLITE @ EX. GRADE				
ST- 31.0 , TYPE I	N 654899.35	E 1617541.63	394.0±	---	391.53	391.53	391.53
CB- 32.0 , TYPE I	N 655200.08	E 1617139.93	378±	SEE LANDSCAPE PLANS			374±
CB-33.0 , TYPE I	N 655421.27	E 1617130.75	376±	SEE LANDSCAPE PLANS			372±

COORDINATE VALUES GIVEN ARE TO CENTER OF STRUCTURE ALONG CENTERLINE OF ROADWAY OR AT FACE OF CURB. EXACT PLACEMENT WILL VARY DEPENDING UPON TYPE OF STRUCTURE USED.

STRUCTURES:
INLET
TYPE I
TYPE II
O&W – OIL/WATER SEPERATOR – TYPE II
CUL. – CULVERT
STUB – STUB CAP & MARK
TEE – 8" X 8" TEE
TIE – ROOF DRAIN TIE
PROVIDE RIP-RAP AT ALL CULVERT ENDS TO PROVIDE EROSION CONTROL

IN STUDENT PARKING AREA ALL CB ALONG CONC CURBING SHALL BE THROUGH CURB. INCLUDES CB-2.0, CB-3.0, CB-4.0, CB-4.3, CB-7.0, CB-8.0, CB-9.0

WARNING! UTILITIES IN AREA. CALL UTILITY LOCATORS PRIOR TO ANY CONSTRUCTION. 1 -800-424-5555

C:\DWG\5006\5006-31A 09/25/96 07:09

LEGEND

EXISTING

- SANITARY SEWER MANHOLE
- SANITARY SEWER MAIN
- WATER MAIN
- CONTOUR 10' INTERVAL
- CONTOUR 2' INTERVAL

PROPOSED

- CONTOUR 5' INTERVAL
- SANITARY SEWER MAIN
- SANITARY SEWER MANHOLE
- FIRE HYDRANT
- D.I. WATER MAIN
- DIRECTION OF SURFACE FLOW
- CATCH BASIN
- STORM MAIN
- TRENCH DRAIN
- SWALE

- CATCH BASIN & OUTLET BOX
- DETENTION POND
- BIO-SWALE
- WETLAND

INTĒGRUS
ARCHITECTURE

Ayers Professional Group, Inc.
1911 "C" STREET
BELLINGHAM, WA 98225
PHONE: (360) 671-8200
FAX: (360) 738-9367

BELLINGHAM SCHOOL DISTRICT #501

SQUALICUM HIGH SCHOOL

NEW HIGH SCHOOL AND SITE IMPROVEMENTS
3773 EAST McLEOD ROAD
BELLINGHAM, WASHINGTON

Date	9/24/96
Job No.	SQ/9470
Drawn By	SLH
Checked By	RD
File Name	5006-31A
Scale	1" = 50'
Revisions	

DRAINAGE PLAN

2020 ENGINEERING REVISED 5/8/15

C3.1