

## TABLE OF CONTENTS

SHEET #	DESCRIPTION
1- G00:	COVER SHEET
2- C00:	GENERAL NOTES
3- C01:	EXISTING CONDITIONS & DEMOLITION PLAN
4- C02:	GENERAL SITE PLAN
5- C03:	PLAYGROUND SITE PLAN
6- C04:	OUTDOOR CLASSROOM SITE PLAN
7- C05:	PLAYGROUND DRAINAGE PLAN
8- C06:	OUTDOOR CLASSROOM DRAINAGE PLAN
9- C07:	PLAYGROUND EQUIPMENT PLAN- AGES 5-12
10- C08:	PLAYGROUND EQUIPMENT FOUNDATION PLAN- AGES 5-12
11- C09:	PLAYGROUND EQUIPMENT PLAN- AGES 2-5
12- C10:	PLAYGROUND EQUIPMENT FOUNDATION PLAN- AGES 2-5
13- C11:	PLAYGROUND EQUIPMENT PLAN- SWING SET & BASKETBALL COURT
14- C12:	PLAYGROUND EQUIPMENT FOUNDATION PLAN- SWING SET & BASKETBALL COURT
15- C13:	OUTDOOR CLASSROOM RETAINING WALL PLAN & SECTION
16- C14:	POINT LAYOUT TABLES
17- C15:	TYPICAL SECTIONS & DETAILS
18- C16:	COURT/ GAME LINE PAINTING PLAN
19- C17:	CHAINLINK FENCE DETAILS
20- C18:	TOT LOT FENCE DETAILS
21- C19:	ADD ALT 1: PARKING LOT SITE PLAN
22- C20:	ADD ALT 1: PARKING LOT RETAINING WALL PLAN & ELEVATION
23-C21:	ADD ALT 1: PARKING LOT DETAILS

# GASTINEAU ELEMENTARY SCHOOL PLAYGROUND UPGRADES

FOR THE CITY & BOROUGH OF JUNEAU  
AND THE JUNEAU SCHOOL DISTRICT  
JUNEAU, AK  
EED NO. DR 10-101

**P|N|D Engineers, Inc.**

9360 GLACIER HIGHWAY, SUITE 100  
JUNEAU, ALASKA 99801  
TELE: (907) 586-2093

CITY & BOROUGH OF JUNEAU

ENGINEERING DEPT.  
155 S SEWARD STREET  
JUNEAU, ALASKA 99801  
TELE: (907) 586-0800  
FAX: (907) 463-2606

GASTINEAU ELEMENTARY SCHOOL  
PLAYGROUND UPGRADES

CBJ CONTRACT NO. E13-214

-Architecture Division  
CITYBOROUGH OF JUNEAU

Alaska's Capital City

Sheet Title:  
COVER SHEET



Scale: NTS

Date:  
MARCH 20, 2013

**G00**

Sheet number:  
1 of 23

## GENERAL NOTES

- SEE SEPARATE BASEBID AND THREE (3) ADDITIVE ALTERNATES APPROXIMATELY CONSISTING OF:
  - BASE BID (AS SHOWN)
  - ADDITIVE ALTERNATE#1 – UPPER STAFF PARKING AREA  
INCLUDES SIX (6) ADDITIONAL PARKING SPACES TO UPPER STAFF PARKING AREA INCLUDING, BUT NOT LIMITED TO EARTHWORK, DRAINAGE, CONCRETE RETAINING WALLS & CURBS, ASPHALT PAVING & STRIPING, AND RELATED GRADING AND REVEGETATION OF DISTURBED SOILS.
  - ADDITIVE ALTERNATE#2 – ASPHALT AND DRAINAGE EAST OF CLIMBING WALL  
INCLUDES IMPROVEMENTS TO ASPHALT SURFACE AND CANOPY DRAINAGE ALONG ALUMINUM CANOPY AND AT ASPHALT PAVEMENT AREA EAST OF THE CLIMBING WALL, INCLUDING, BUT NOT LIMITED TO ASPHALT DEMOLITION, UNDERGROUND STORM DRAIN PIPING BETWEEN EIGHT (8) CANOPY DOWNSPOUTS AND UNDERGROUND STORM DRAIN SYSTEM, NEW BASE COURSE AND ASPHALT PAVING AND ADJUSTMENTS TO RIM ELEVATIONS AT EXISTING CATCH BASINS AS SHOWN.
  - ADDITIVE ALTERNATE#3 – PICNIC TABLES  
INCLUDES FOUR (4) PICNIC TABLES BESIDE PLANTER AS SHOWN, INCLUDING, BUT NOT LIMITED TO EXCAVATION, CONCRETE FOUNDATIONS AND INSTALL OF FOUR (4) OWNER-FURNISHED PICNIC TABLES AS SHOWN.
- MATCH EXISTING FINISH GRADES AT PROJECT LIMITS AND WHERE REQUIRED TO MATCH AT EXISTING ROADS.
- ALL EXISTING ASPHALT CONCRETE MATERIALS TO BE REMOVED SHALL BE DELIVERED TO THE CBJ ASPHALT STOCKPILE AT LEMON CREEK GRAVEL PIT. ALL OTHER REMOVED MATERIALS THAT ARE NOT SUITABLE FOR REUSE ON THE PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND PROPERLY DISPOSED OF AT AN APPROVED SITE.
- THE LOCATIONS OF EXISTING FEATURES AND UTILITIES SHOWN ON THE DRAWINGS ARE APPROXIMATE. ADDITIONAL UTILITIES MAY BE PRESENT HOWEVER ARE NOT SHOWN. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS IN THE FIELD AS NECESSARY, PRIOR TO BEGINNING WORK. THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL UTILITIES ENCOUNTERED IN THE FIELD SHALL BE RECORDED ON THE CONTRACTOR'S RECORD DRAWINGS. CONTACT LOCAL UTILITY COMPANIES PRIOR TO ANY/ ALL EXCAVATIONS AT THE FOLLOWING TELEPHONE NUMBERS:
 

**DIAL BEFORE YOU DIG!**  
**586-1333**  
**UNDERGROUND POWER, TELEPHONE, T.V., WATER**  
**HERE DO NOT SUBSTITUTE FOR FIELD LOCATES.**  
**AND SEWER LINES ARE IN THE AREA. UTILITIES SHOWN**
- CBJ ENGINEERING STANDARD DETAILS BOOK DATED APRIL, 2000 IS MADE A PART OF THIS CONTRACT, WITH CURRENT REVISIONS AS APPLICABLE.
- PROPERTY DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO ITS PRE-CONSTRUCTION CONDITION OR BETTER AT NO ADDITIONAL COST. DISTURBED SLOPES SHALL BE SEEDED WITH A GRASS SEED MIX. COORDINATE SEEDING WITH CBJ.
- GRADING AND ALIGNMENT OF PIPE, STRUCTURES & FINAL SURFACING ARE SUBJECT TO MINOR REVISIONS BY THE ENGINEER TO FIT SITE CONDITIONS. GRADE ALL IMPROVEMENTS WITH POSITIVE DRAINAGE AWAY FROM BUILDINGS.
- PROPERTY LINE LOCATIONS USED IN THESE PLANS ARE DERIVED FROM RECORD PLATS AND DO NOT REPRESENT A BOUNDARY SURVEY.
- COORDINATE ALL DEMOLITION, CLEAR & GRUBBING AND TREE REMOVAL WITH CBJ.
- THE CONTRACTOR SHALL SEED ALL EXISTING SLOPES THAT ARE DISTURBED DURING CONSTRUCTION AND ALSO ANY NEWLY CONSTRUCTED OR REGRADED SLOPES THAT ARE TO BE SEEDED AS SHOWN ON THE PLANS.
- TEMPORARY EROSION CONTROL MEASURES AND DETAILS ARE SHOWN TO ALERT THE CONTRACTOR TO DEVELOP AND IMPLEMENT SWPPP AS REQUIRED PER SPECIFICATIONS. ALL EXISTING INLETS AND OTHER AREAS OF RUNOFF SHALL BE PROTECTED FROM POLLUTED RUNOFF DURING CONSTRUCTION. COORDINATE LOCATION AND INSTALLATION OF ALL EROSION CONTROL MEASURES WITH ENGINEER.

## ABBREVIATIONS

ACP	ASPHALT CONCRETE PAVEMENT	IE	INVERT ELEVATION
ALUM	ALUMINUM	INV	INVERT
APPROX	APPROXIMATE	LB	POUND
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS	LF	LINEAR FOOT
AVE	AVENUE	LS	LUMP SUM
BK	BACK	LT	LEFT
BOP	BEGINNING OF PROJECT	LVC	LENGTH OF VERTICAL CURVE
BVCE	BEGIN VERTICAL CURVE ELEVATION	MAT'L	MATERIAL
BVCS	BEGIN VERTICAL CURVE STATION	MH	MANHOLE
C&G	CURB AND GUTTER	MIN	MINIMUM
CAP	CORRUGATED ALUMINUM PIPE	N	NORTH
CB	CATCH BASIN	NFS	NON-FROST SUCCETPTIBLE
CBJ	CITY AND BOROUGH OF JUNEAU	NO	NUMBER
CIP	CAST IN PLACE	OC	ON CENTER
CL	CENTERLINE	OD	OUTSIDE DIAMETER
CLR	CLEAR	OSHA	OCCUPATIONAL HEALTH AND SAFETY ADMINISTRATION
CMP	CORRUGATED METAL PIPE	PC	POINT OF CURVATURE
CO	CLEANOUT	PND	PND ENGINEERS, INC.
CONC	CONCRETE	PP	POWER POLE
CPEP	CORRUGATED POLYETHYLENE PIPE	PRC	POINT OF REVERSE CURVATURE
CSP	CORRUGATED STEEL PIPE	PT	POINT OF TANGENCY
CY	CUBIC YARD	PVC	POLYVINYL CHLORIDE
CY	CUBIC YARD	PVI	POINT OF VERTICAL INTERSECTION
D/DIA	DIAMETER	R	RADIUS
DIAG	DIAGONAL	RD	ROAD
DOT&PF	DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES	REQ'D	REQUIRED
DR	DRIVE	ROW	RIGHT OF WAY
E	EAST	RT	RIGHT
EA	EACH	S	SOUTH
EG	EXIST GRADE	SDR	STANDARD DIMENSION RATION
EL/ELEV	ELEVATION	SDMH	STORMDRAIN MANHOLE
EOP	END OF PROJECT	SDWK	SIDEWALK
EP	EXISTING PAVEMENT	SPEC	SPECIFICATION
EVCS EVCE	END VERTICAL CURVE STATION ELEVATION	SY	SQUARE YARD
EW	EACH WAY	SSMH	SANITARY SEWER MANHOLE
EXIST	EXISTING	ST	STREET
HB	HAINES BOROUGH	STA	STATION
IN	INCH	STD	STANDARD
HYD	FIRE HYDRANT	TBC	TOP BACK OF CURB
FG	FINISH GRADE	TYP	TYPICAL
FT	FOOT	VC	VERTICAL CURVE
H/V	HORIZONTAL/VERTICAL	W	WEST
		W/	WITH
		WV	WATER VALVE

## LEGEND

EXISTING	PROPOSED	
		EDGE PAVEMENT
	(NONE)	WATER SERVICE
	(NONE)	SANITARY SEWER SERVICE
	(NONE)	ELECTRIC (UNDERGROUND)
	(NONE)	ELECTRIC (OVERHEAD)
	(NONE)	PROPERTY LINE
		FENCE
		SWALE
		STORMWATER PIPE
	(NONE)	WATER VALVE
	(NONE)	CONCRETE AREA DRAIN
		FIELD INLET w/ FRAME & GRATE
		RADIUS
	(NONE)	GUY WIRE
	(NONE)	SIGN
	(NONE)	SURVEY CONTROL POINT
	(NONE)	UTILITY POLE
	(NONE)	MANHOLE
	(NONE)	FIRE HYDRANT
	(NONE)	TREE
		LAYOUT POINT

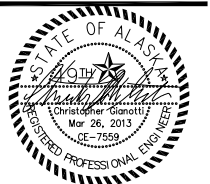
SECTION OR DETAIL CALLOUT

DETAIL TITLE

DRAWING SHEET WHERE DETAIL CAN BE FOUND OR WHERE DETAIL WAS REFERENCED FROM

**GASTINEAU ELEMENTARY SCHOOL**  
**PLAYGROUND UPGRADES**  
**CBJ CONTRACT NO. E13-214**  
**– Architecture Division**  
**CITY/BOROUGH OF JUNEAU**     **Alaska's Capital City**

**PND**  
**ENGINEERS, INC.**  
 9360 Glacier Highway, Ste. 100  
 JUNEAU, ALASKA 99801  
 PHONE (907) 586-2093  
 FAX (907) 586-2099  
 www.pndengineers.com

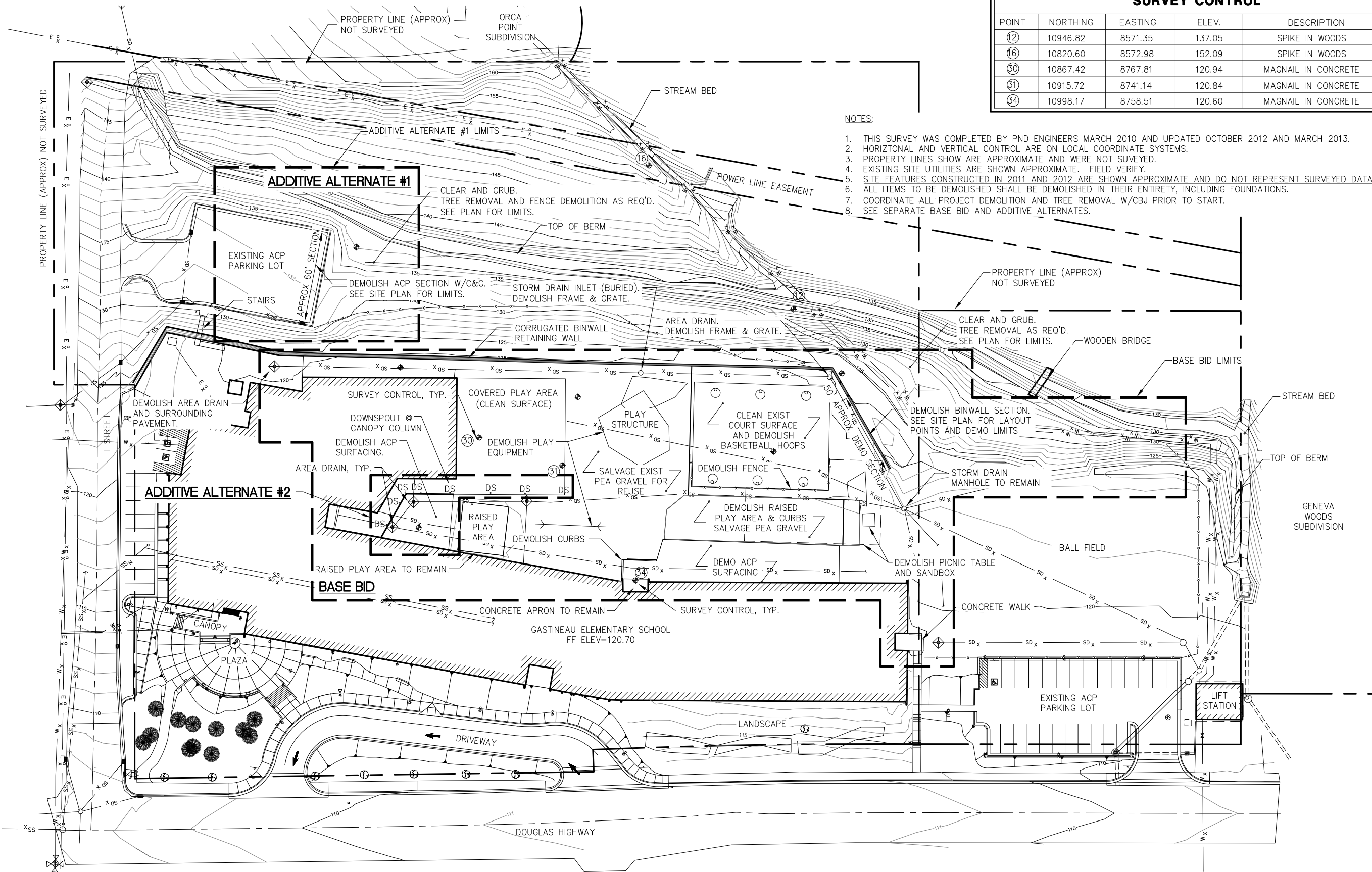


GENERAL NOTES

Date:  
 MARCH 26, 2013

**C00**

Sheet number:  
 2 of 23



SURVEY CONTROL				
POINT	NORTHING	EASTING	ELEV.	DESCRIPTION
⑫	10946.82	8571.35	137.05	SPIKE IN WOODS
⑯	10820.60	8572.98	152.09	SPIKE IN WOODS
⑤⑩	10867.42	8767.81	120.94	MAGNAIL IN CONCRETE
⑤①	10915.72	8741.14	120.84	MAGNAIL IN CONCRETE
⑤④	10998.17	8758.51	120.60	MAGNAIL IN CONCRETE

- NOTES:
1. THIS SURVEY WAS COMPLETED BY PND ENGINEERS MARCH 2010 AND UPDATED OCTOBER 2012 AND MARCH 2013.
  2. HORIZONTAL AND VERTICAL CONTROL ARE ON LOCAL COORDINATE SYSTEMS.
  3. PROPERTY LINES SHOW ARE APPROXIMATE AND WERE NOT SURVEYED.
  4. EXISTING SITE UTILITIES ARE SHOWN APPROXIMATE. FIELD VERIFY.
  5. SITE FEATURES CONSTRUCTED IN 2011 AND 2012 ARE SHOWN APPROXIMATE AND DO NOT REPRESENT SURVEYED DATA.
  6. ALL ITEMS TO BE DEMOLISHED SHALL BE DEMOLISHED IN THEIR ENTIRETY, INCLUDING FOUNDATIONS.
  7. COORDINATE ALL PROJECT DEMOLITION AND TREE REMOVAL W/CBJ PRIOR TO START.
  8. SEE SEPARATE BASE BID AND ADDITIVE ALTERNATES.

**DIAL BEFORE YOU DIG!**  
**586-1333**  
 UNDERGROUND POWER, TELEPHONE, T.V., WATER  
 HERE DO NOT SUBSTITUTE FOR FIELD LOCATES.  
 AND SEWER LINES ARE IN THE AREA. UTILITIES SHOWN



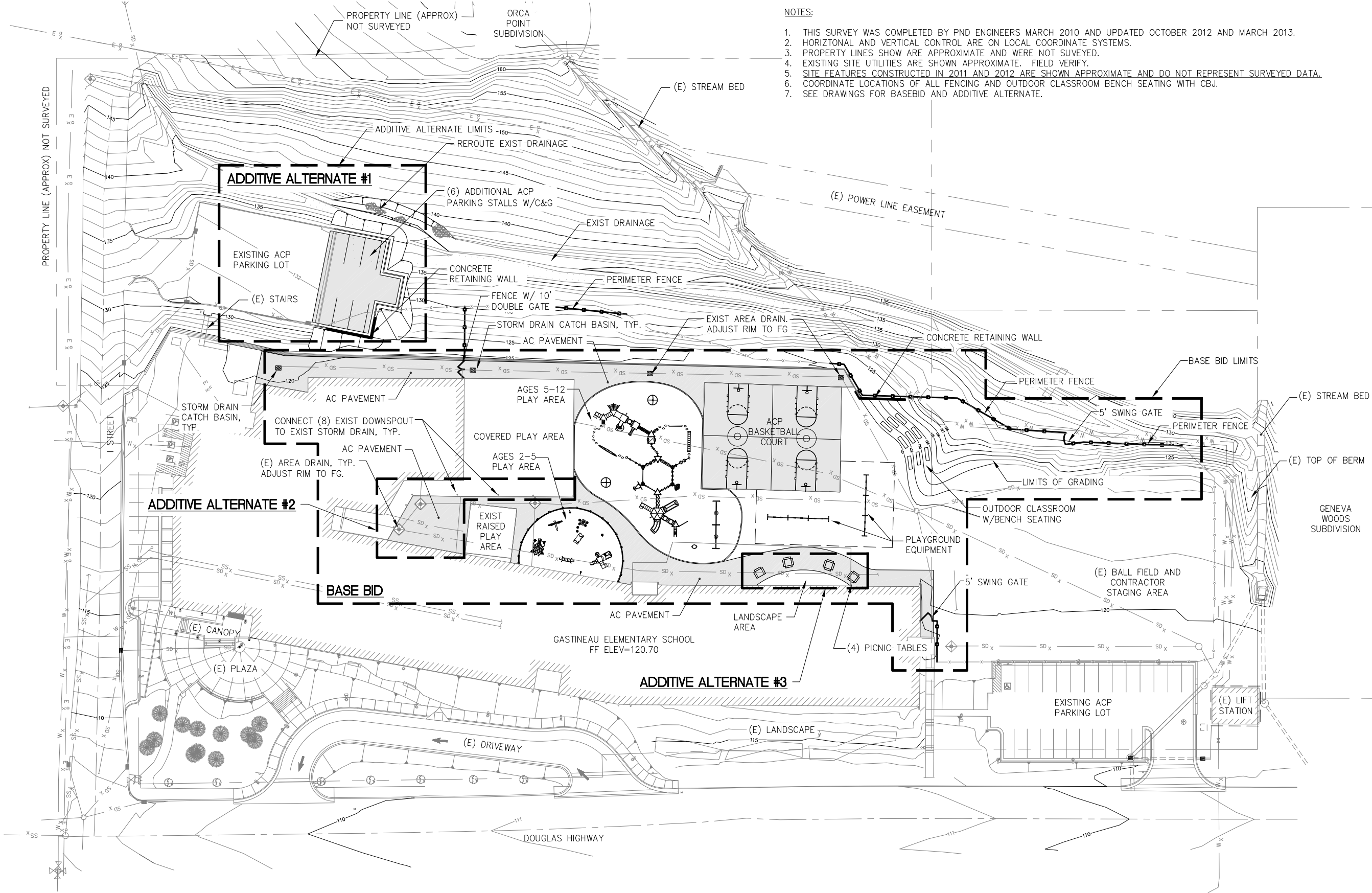
**GASTINEAU ELEMENTARY SCHOOL  
 PLAYGROUND UPGRADES**  
 CBJ CONTRACT NO. E13-214  
 - Architecture Division  
 CITY/BOROUGH OF JUNEAU Alaska's Capital City

**PND**  
 ENGINEERS, INC.  
 9360 Glacier Highway, Ste. 100  
 JUNEAU, ALASKA 99801  
 PHONE (907) 586-2093  
 FAX (907) 586-2099  
 www.pndengineers.com



EXISTING CONDITIONS  
 & DEMOLITION PLAN  
 Date:  
 MARCH 26, 2013

**C01**  
 Sheet number:  
 3 of 23



**NOTES:**

1. THIS SURVEY WAS COMPLETED BY PND ENGINEERS MARCH 2010 AND UPDATED OCTOBER 2012 AND MARCH 2013.
2. HORIZONTAL AND VERTICAL CONTROL ARE ON LOCAL COORDINATE SYSTEMS.
3. PROPERTY LINES SHOW ARE APPROXIMATE AND WERE NOT SURVEYED.
4. EXISTING SITE UTILITIES ARE SHOWN APPROXIMATE. FIELD VERIFY.
5. SITE FEATURES CONSTRUCTED IN 2011 AND 2012 ARE SHOWN APPROXIMATE AND DO NOT REPRESENT SURVEYED DATA.
6. COORDINATE LOCATIONS OF ALL FENCING AND OUTDOOR CLASSROOM BENCH SEATING WITH CBJ.
7. SEE DRAWINGS FOR BASE BID AND ADDITIVE ALTERNATE.



1 GENERAL SITE PLAN

**GASTINEAU ELEMENTARY SCHOOL  
PLAYGROUND UPGRADES**

CBJ CONTRACT NO. E13-214

Architecture Division  
CITY/BOROUGH OF JUNEAU

Alaska's Capital City



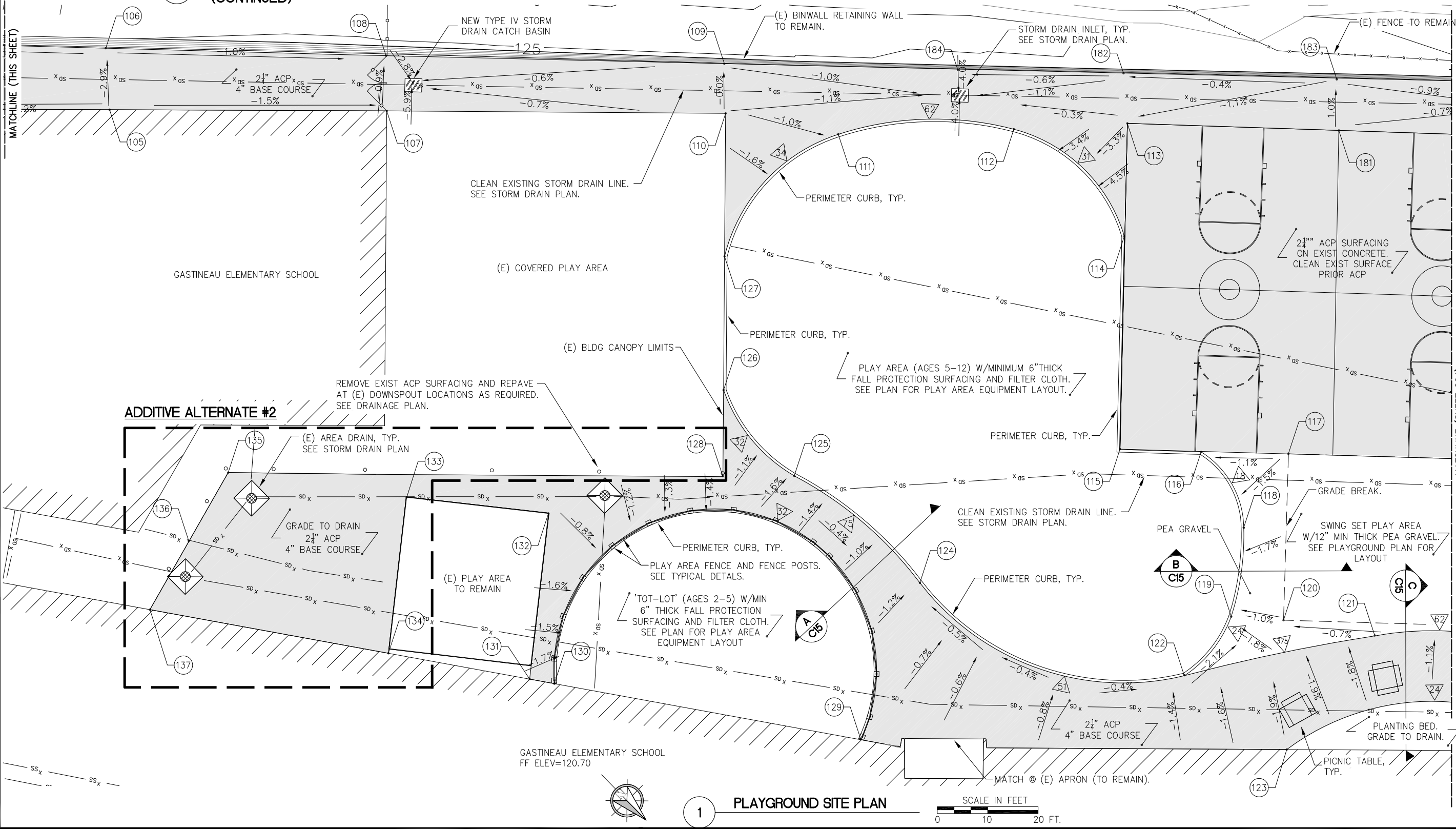
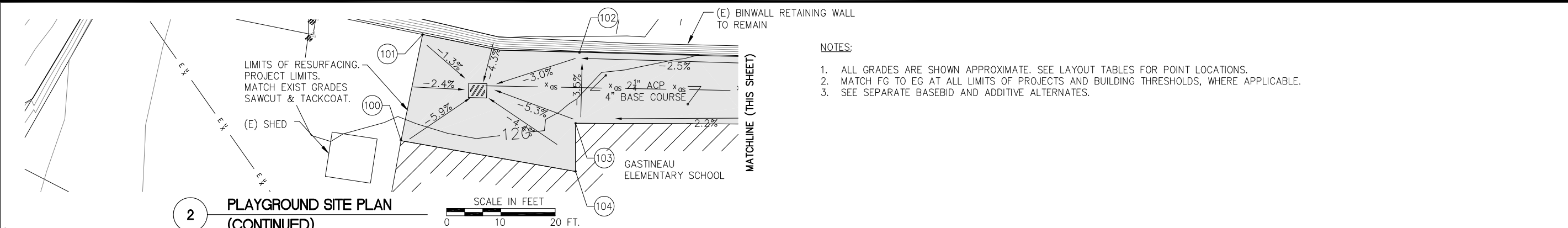
**ENGINEERS, INC.**  
9360 Glacier Highway, Ste. 100  
JUNEAU, ALASKA 99801  
PHONE (907) 586-2093  
FAX (907) 586-2099  
www.pndengineers.com



GENERAL SITE PLAN  
Date:  
MARCH 26, 2013

**C02**

Sheet number:  
4 of 23



**GASTINEAU ELEMENTARY SCHOOL  
PLAYGROUND UPGRADES**

CBJ CONTRACT NO. E13-214  
 - Architecture Division  
 CITY/BOROUGH OF JUNEAU Alaska's Capital City

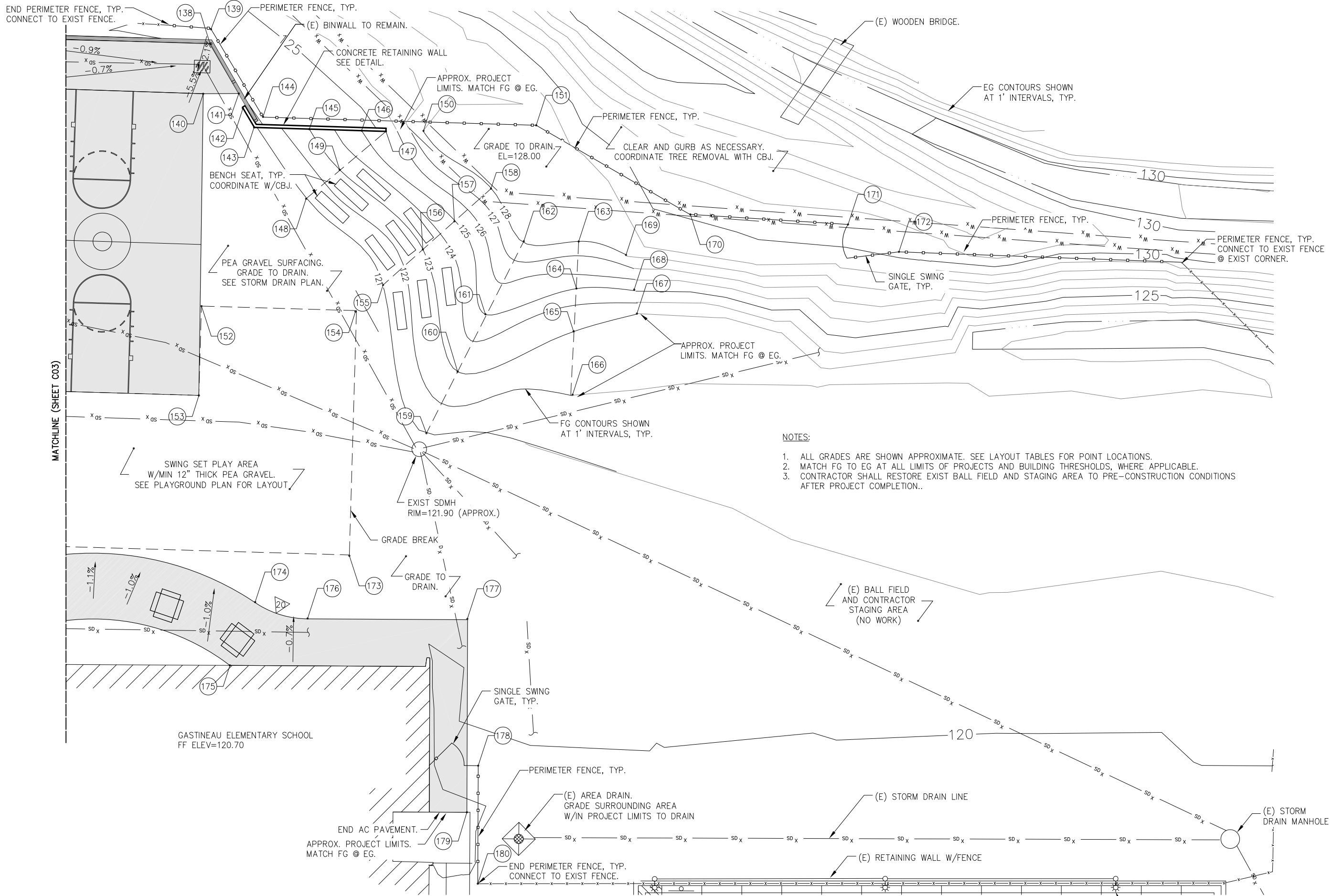


**ENGINEERS, INC.**  
 9360 Glacier Highway, Ste. 100  
 JUNEAU, ALASKA 99801  
 PHONE (907) 586-2093  
 FAX (907) 586-2099  
 www.pndengineers.com



**PLAYGROUND SITE PLAN**  
 Date: MARCH 26, 2013

**C03**  
 Sheet number: 5 of 23



- NOTES:
1. ALL GRADES ARE SHOWN APPROXIMATE. SEE LAYOUT TABLES FOR POINT LOCATIONS.
  2. MATCH FG TO EG AT ALL LIMITS OF PROJECTS AND BUILDING THRESHOLDS, WHERE APPLICABLE.
  3. CONTRACTOR SHALL RESTORE EXIST BALL FIELD AND STAGING AREA TO PRE-CONSTRUCTION CONDITIONS AFTER PROJECT COMPLETION..

1 OUTDOOR CLASSROOM SITE PLAN

SCALE IN FEET  
0 10 20 FT.

GASTINEAU ELEMENTARY SCHOOL  
PLAYGROUND UPGRADES  
CBJ CONTRACT NO. E13-214  
- Architecture Division  
CITY/BOROUGH OF JUNEAU Alaska's Capital City



ENGINEERS, INC.  
9360 Glacier Highway, Ste. 100  
JUNEAU, ALASKA 99801  
PHONE (907) 586-2093  
FAX (907) 586-2099  
www.pndengineers.com

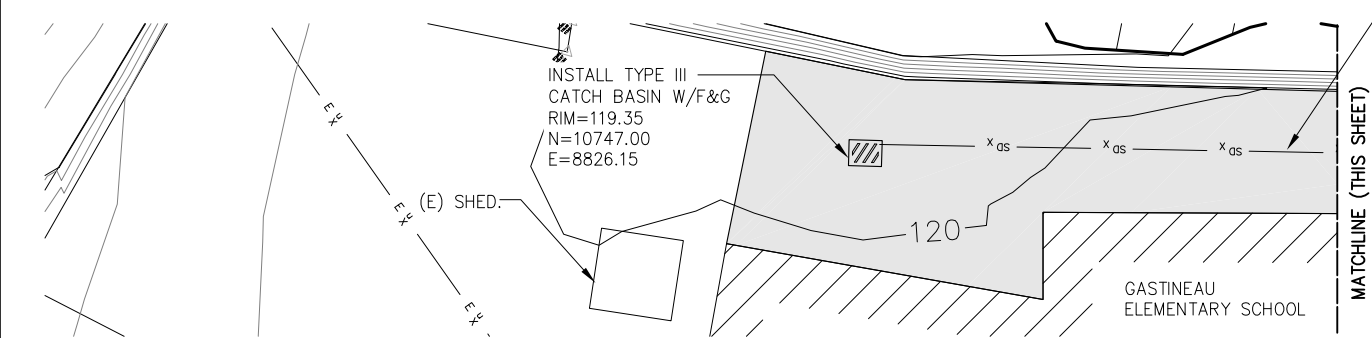


OUTDOOR CLASSROOM  
SITE PLAN

Date:  
MARCH 26, 2013

**C04**

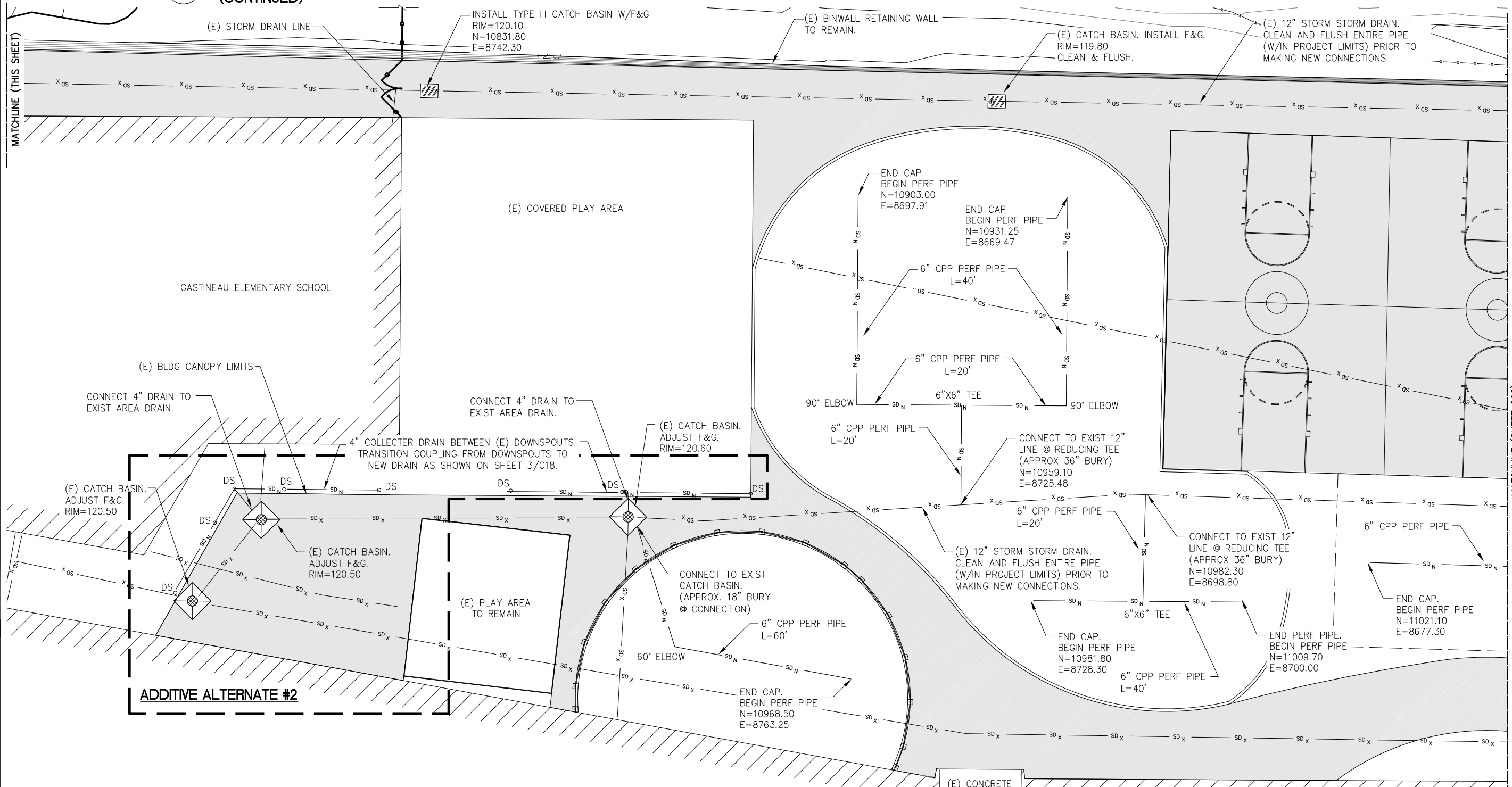
Sheet number:  
6 of 23



2 **PLAYGROUND SITE PLAN (CONTINUED)**  
SCALE IN FEET  
0 10 20 FT.

(E) 12" STORM DRAIN. CLEAN AND FLUSH ENTIRE PIPE (W/IN PROJECT LIMITS) PRIOR TO MAKING NEW CONNECTIONS.

- NOTES:
1. ALL UTILITIES ARE SHOWN APPROXIMATE.
  2. FIELD VERIFY ALL EXISTING UTILITIES AS REQ'D.
  3. CONTRACTOR SHALL CLEAN ALL EXISTING CATCH BASINS WITHIN PROJECT LIMITS.
  4. CONTRACTOR SHALL CLEAN ALL EXISTING STORM DRAIN LINES AS DIRECTED ON THESE DRAWINGS.



1 **PLAYGROUND DRAINAGE PLAN**  
SCALE IN FEET  
0 10 20 FT.

MATCHLINE (SHEET C06)

GASTINEAU ELEMENTARY SCHOOL  
PLAYGROUND UPGRADES  
CBJ CONTRACT NO. E13-214  
- Architecture Division  
CITY/BOROUGH OF JUNEAU Alaska's Capital City



**ENGINEERS, INC.**  
9360 Glacier Highway, Ste. 100  
JUNEAU, ALASKA 99801  
PHONE (907) 586-2093  
FAX (907) 586-2099  
www.pndengineers.com

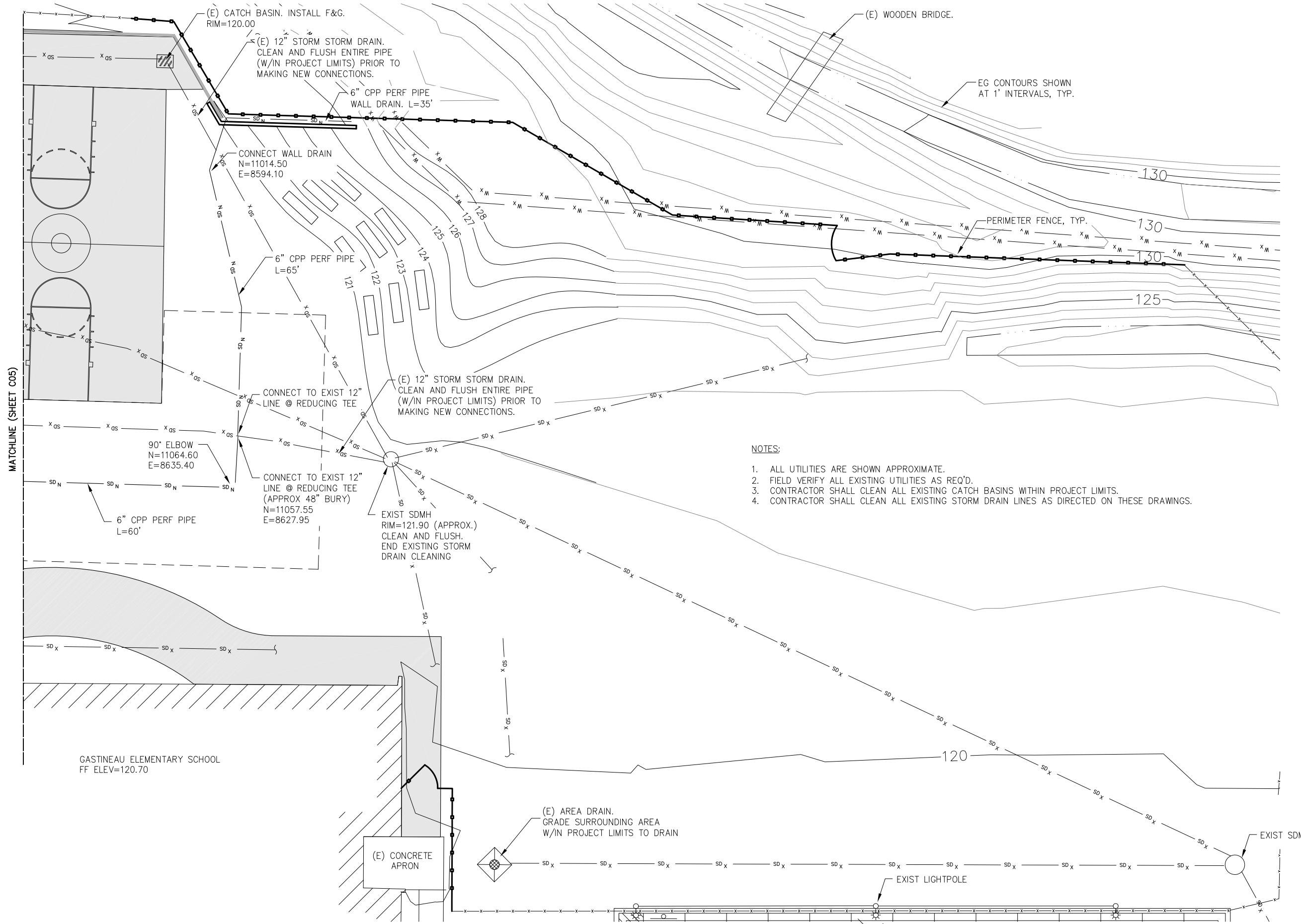


PLAYGROUND DRAINAGE PLAN

Date: MARCH 26, 2013

**C05**

Sheet number: 7 of 23



- NOTES:
1. ALL UTILITIES ARE SHOWN APPROXIMATE.
  2. FIELD VERIFY ALL EXISTING UTILITIES AS REQ'D.
  3. CONTRACTOR SHALL CLEAN ALL EXISTING CATCH BASINS WITHIN PROJECT LIMITS.
  4. CONTRACTOR SHALL CLEAN ALL EXISTING STORM DRAIN LINES AS DIRECTED ON THESE DRAWINGS.

1 OUTDOOR CLASSROOM DRAINAGE PLAN

SCALE IN FEET

0 10 20 FT.

GASTINEAU ELEMENTARY SCHOOL  
 PLAYGROUND UPGRADES  
 CBJ CONTRACT NO. E13-214  
 - Architecture Division  
 CITY/BOROUGH OF JUNEAU Alaska's Capital City



ENGINEERS, INC.  
 9360 Glacier Highway, Ste. 100  
 JUNEAU, ALASKA 99801  
 PHONE (907) 586-2093  
 FAX (907) 586-2099  
 www.pndengineers.com

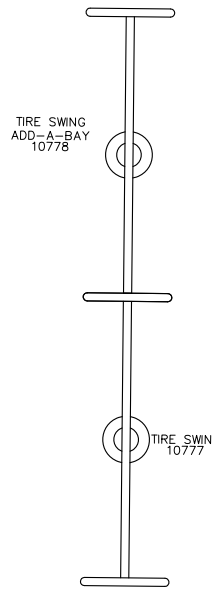
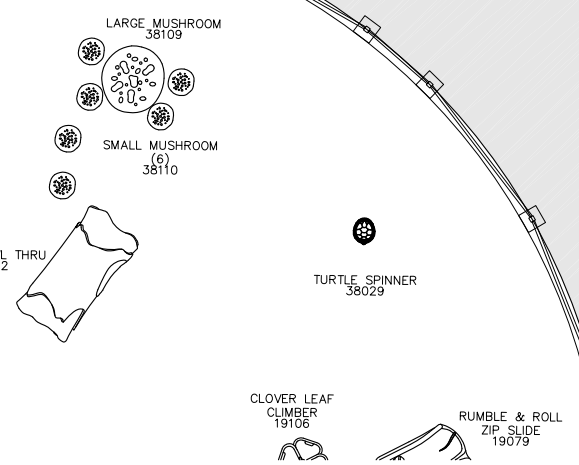
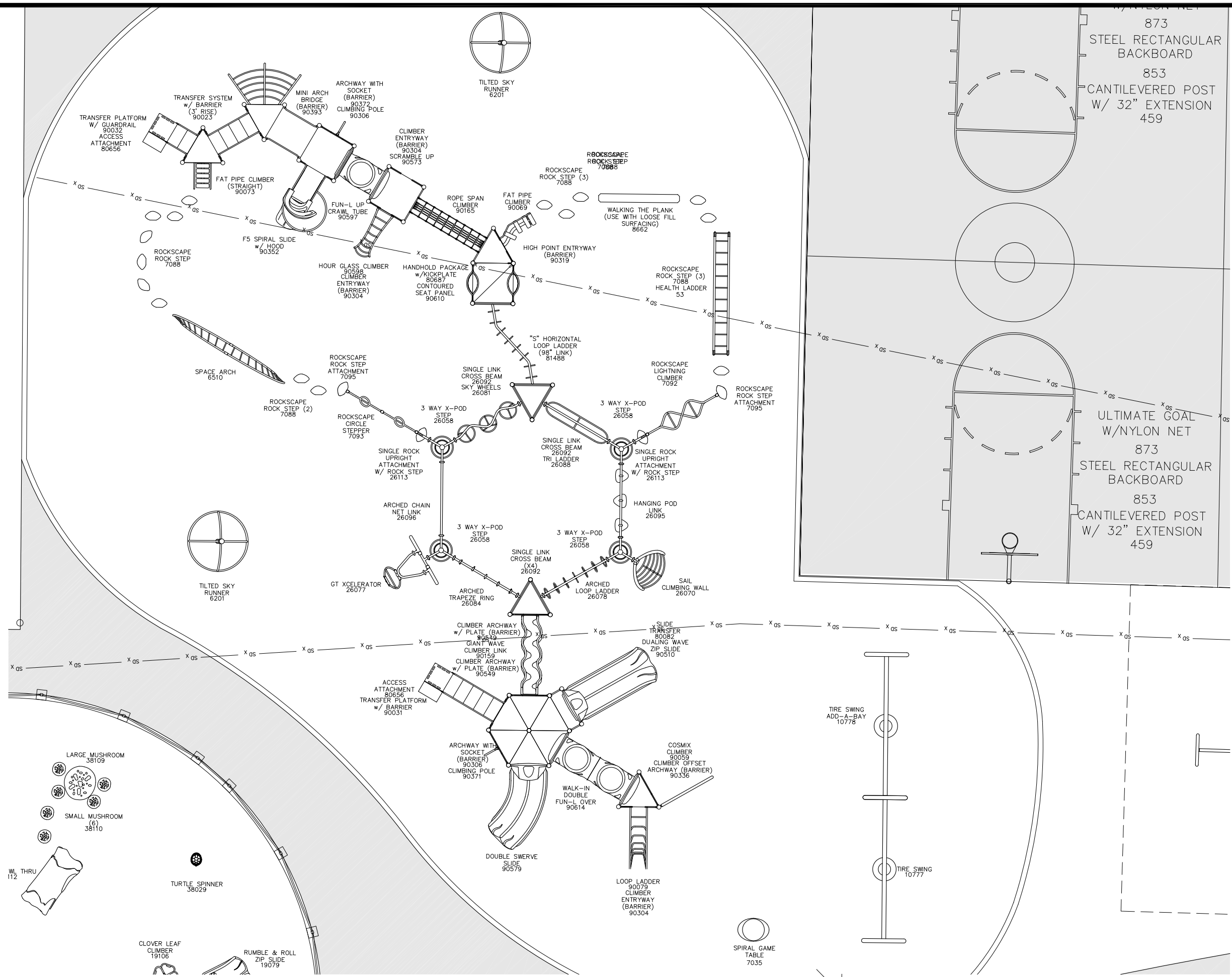


OUTDOOR CLASSROOM DRAINAGE PLAN

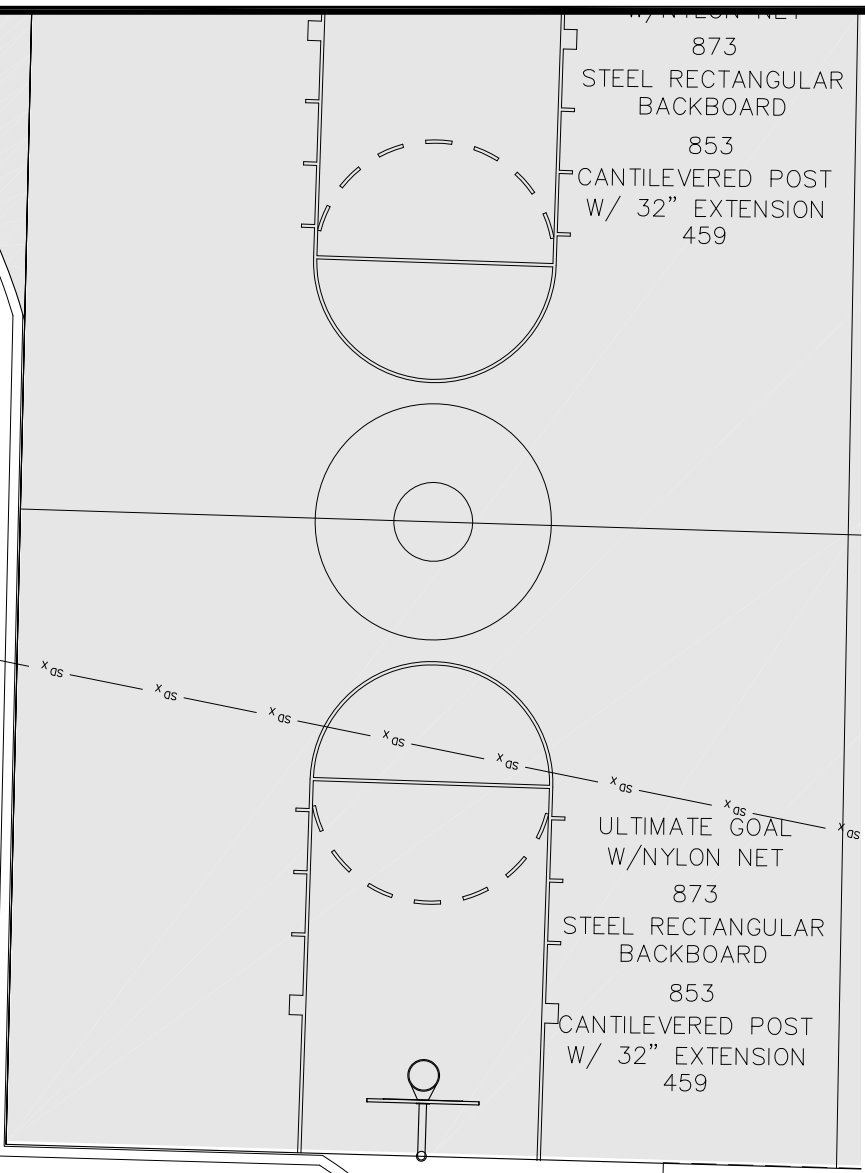
Date: MARCH 26, 2013

**C06**  
 Sheet number: 8 of 23





**1** **PLAYGROUND EQUIPMENT PLAN**  
**AGES 5-12**  
SCALE IN FEET  
0 5 10 FT.



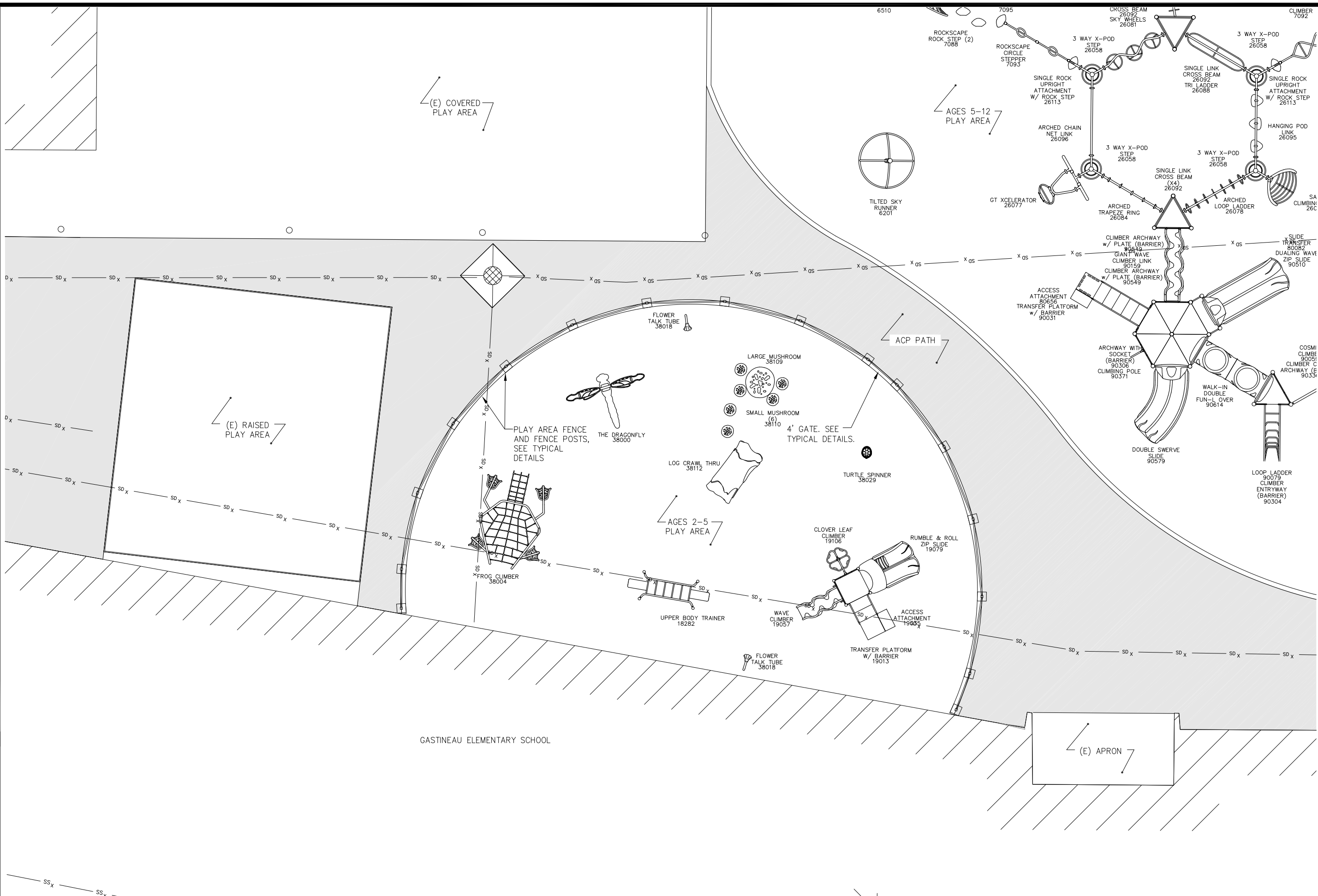
**GASTINEAU ELEMENTARY SCHOOL**  
**PLAYGROUND UPGRADES**  
CBJ CONTRACT NO. E13-214  
-Architecture Division  
CITY/BOROUGH OF JUNEAU Alaska's Capital City

**PND**  
**ENGINEERS, INC.**  
9360 Glacier Highway, Ste. 100  
JUNEAU, ALASKA 99801  
PHONE (907) 586-2093  
FAX (907) 586-2099  
www.pndengineers.com

**PLAYGROUND EQUIPMENT PLAN - AGES 5-12**  
Date:  
MARCH 26, 2013

**C07**  
Sheet number:  
9 of 23





**GASTINEAU ELEMENTARY SCHOOL  
PLAYGROUND UPGRADES**

CBJ CONTRACT NO. E13-214  
- Architecture Division  
CITY/BOROUGH OF JUNEAU

Alaska's Capital City



**ENGINEERS, INC.**  
9360 Glacier Highway, Ste. 100  
JUNEAU, ALASKA 99801  
PHONE (907) 586-2093  
FAX (907) 586-2099  
www.pndengineers.com



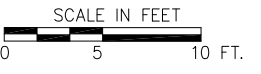
**PLAYGROUND  
EQUIPMENT PLAN -  
AGES 2-5**

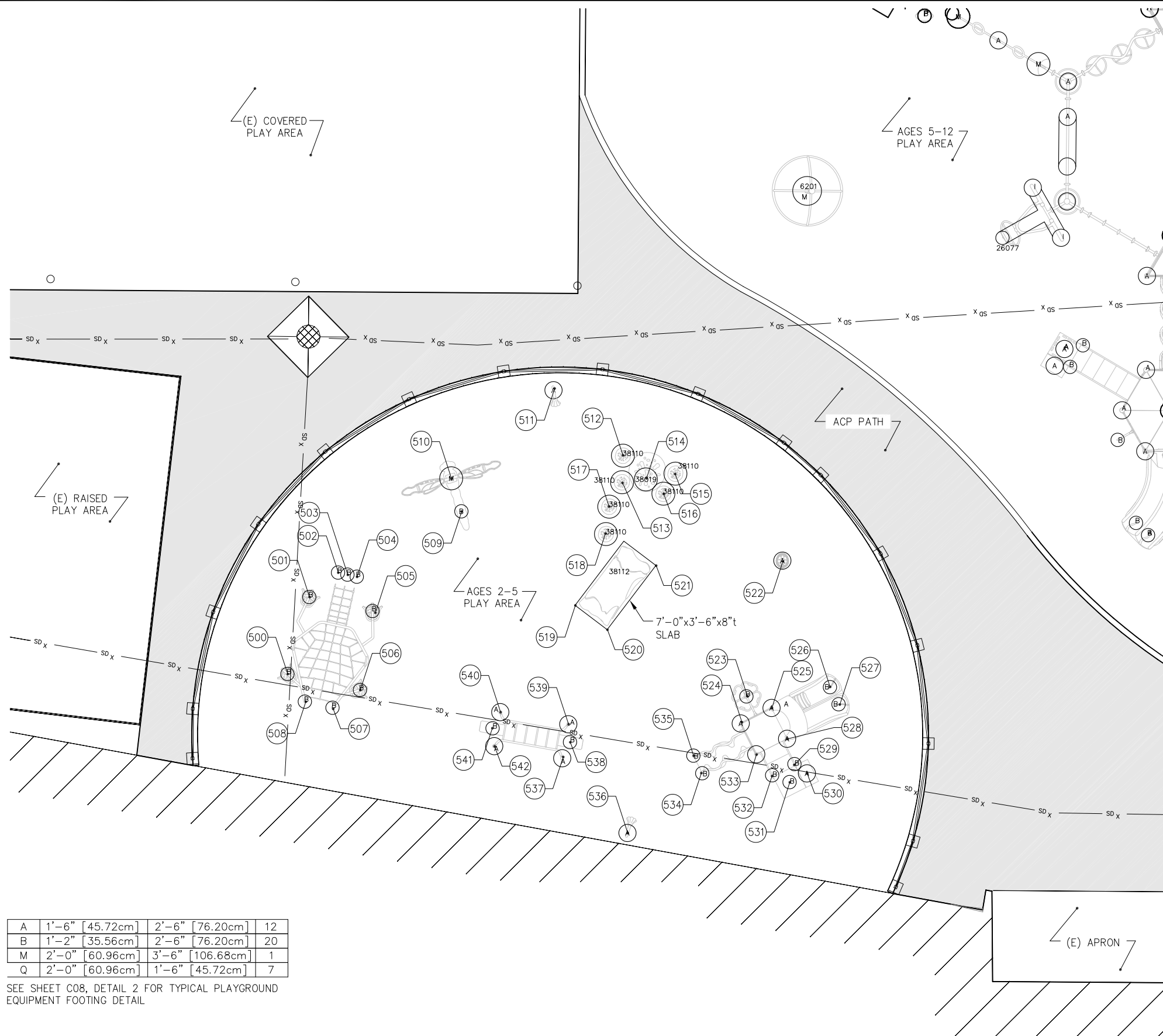
Date:  
MARCH 26, 2013

**C09**

Sheet number:  
11 of 23

**1 PLAYGROUND EQUIPMENT PLAN  
AGES 2-5**





A	1'-6" [45.72cm]	2'-6" [76.20cm]	12
B	1'-2" [35.56cm]	2'-6" [76.20cm]	20
M	2'-0" [60.96cm]	3'-6" [106.68cm]	1
Q	2'-0" [60.96cm]	1'-6" [45.72cm]	7

SEE SHEET C08, DETAIL 2 FOR TYPICAL PLAYGROUND EQUIPMENT FOOTING DETAIL

LAYOUT POINT TABLE			
POINT	NORTHING	EASTING	FTG TYPE
500	10935.81	8794.05	B
501	10932.36	8788.01	B
502	10932.60	8784.74	B
503	10933.29	8784.28	B
504	10933.99	8783.83	B
505	10937.08	8784.94	B
506	10941.22	8790.52	B
507	10940.65	8793.30	B
508	10938.59	8794.65	B
509	10936.29	8773.36	B
510	10933.63	8771.99	M
511	10934.38	8760.28	A
512	10942.66	8759.95	Q
513	10944.26	8761.62	Q
514	10945.53	8759.97	Q
515	10946.97	8757.79	Q
516	10947.48	8759.75	Q
517	10945.00	8763.90	Q
518	10946.50	8765.77	Q
519	10949.04	8772.02	SLAB
520	10952.50	8771.51	SLAB
521	10951.48	8764.59	SLAB
522	10958.87	8756.44	A
523	10965.11	8766.93	B
524	10966.45	8768.93	A
525	10967.36	8766.07	A
526	10969.62	8761.18	B
527	10971.21	8761.69	B
528	10970.22	8766.98	A
529	10972.23	8768.06	B
530	10973.57	8767.86	A
531	10973.06	8769.46	B
532	10971.58	8770.13	B
533	10969.30	8769.84	A
534	10967.20	8774.34	B
535	10965.56	8773.82	B
536	10966.36	8782.62	A
537	10957.75	8782.12	A
538	10957.22	8780.66	B
539	10956.01	8779.68	A
540	10951.13	8783.16	A
541	10951.66	8784.62	B
542	10952.87	8785.60	A

NOTE: SEE MANUFACTURER'S DETAILS WHERE TYPICAL FOOTING IS NOT CALLED OUT.

1 PLAYGROUND EQUIPMENT FOUNDATION PLAN  
AGES 2-5



GASTINEAU ELEMENTARY SCHOOL  
PLAYGROUND UPGRADES  
CBJ CONTRACT NO. E13-214  
- Architecture Division  
CITY/BOROUGH OF JUNEAU Alaska's Capital City



ENGINEERS, INC.  
9360 Glacier Highway, Ste. 100  
JUNEAU, ALASKA 99801  
PHONE (907) 586-2093  
FAX (907) 586-2099  
www.pndengineers.com

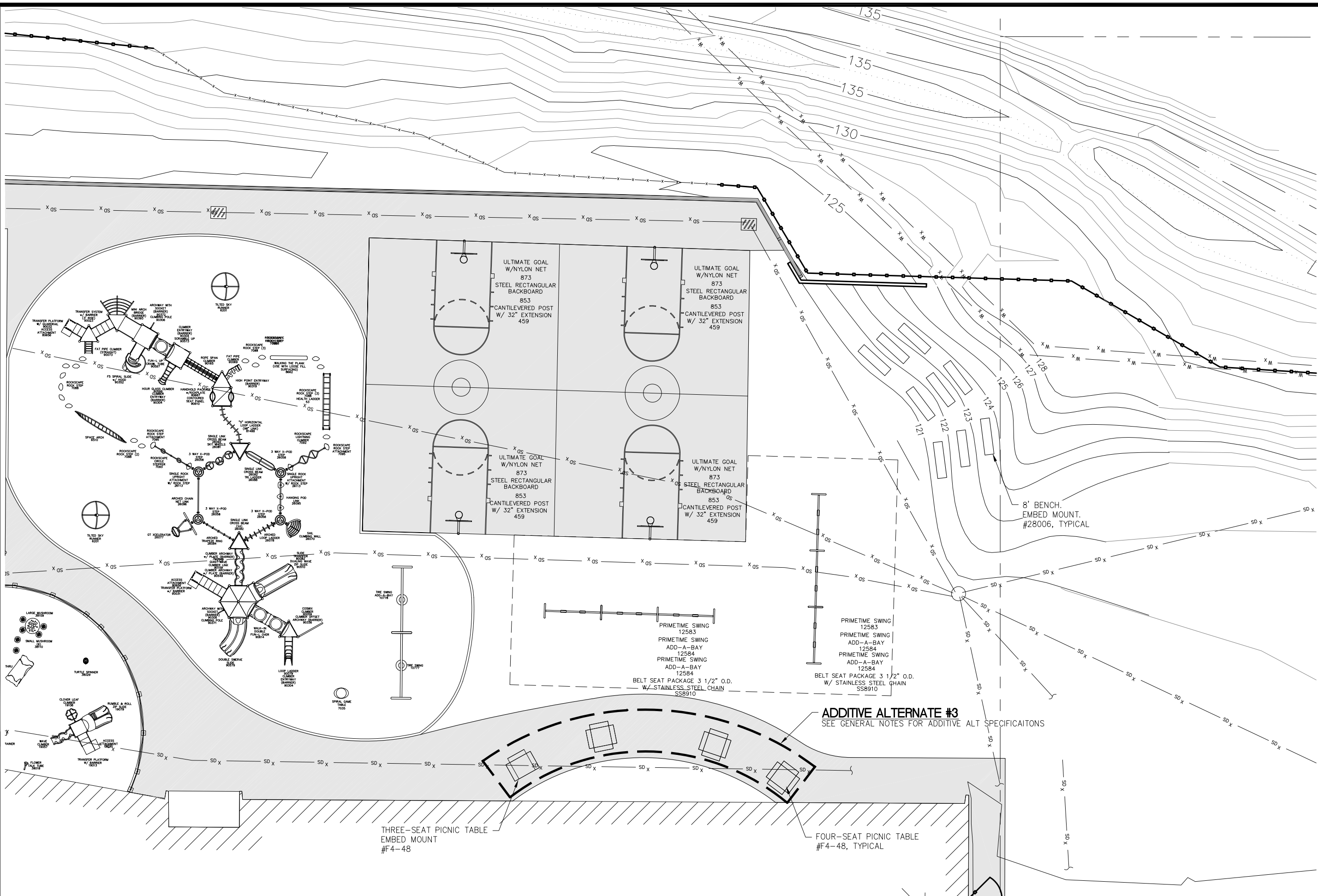


PLAYGROUND EQUIPMENT FOUNDATION PLAN - AGES 2-5

Date: MARCH 26, 2013

**C10**

Sheet number: 12 of 23



1 **PLAYGROUND EQUIPMENT PLAN**  
**SWING SET AND BASKETBALL COURT**

**GASTINEAU ELEMENTARY SCHOOL**  
**PLAYGROUND UPGRADES**  
CBJ CONTRACT NO. E13-214

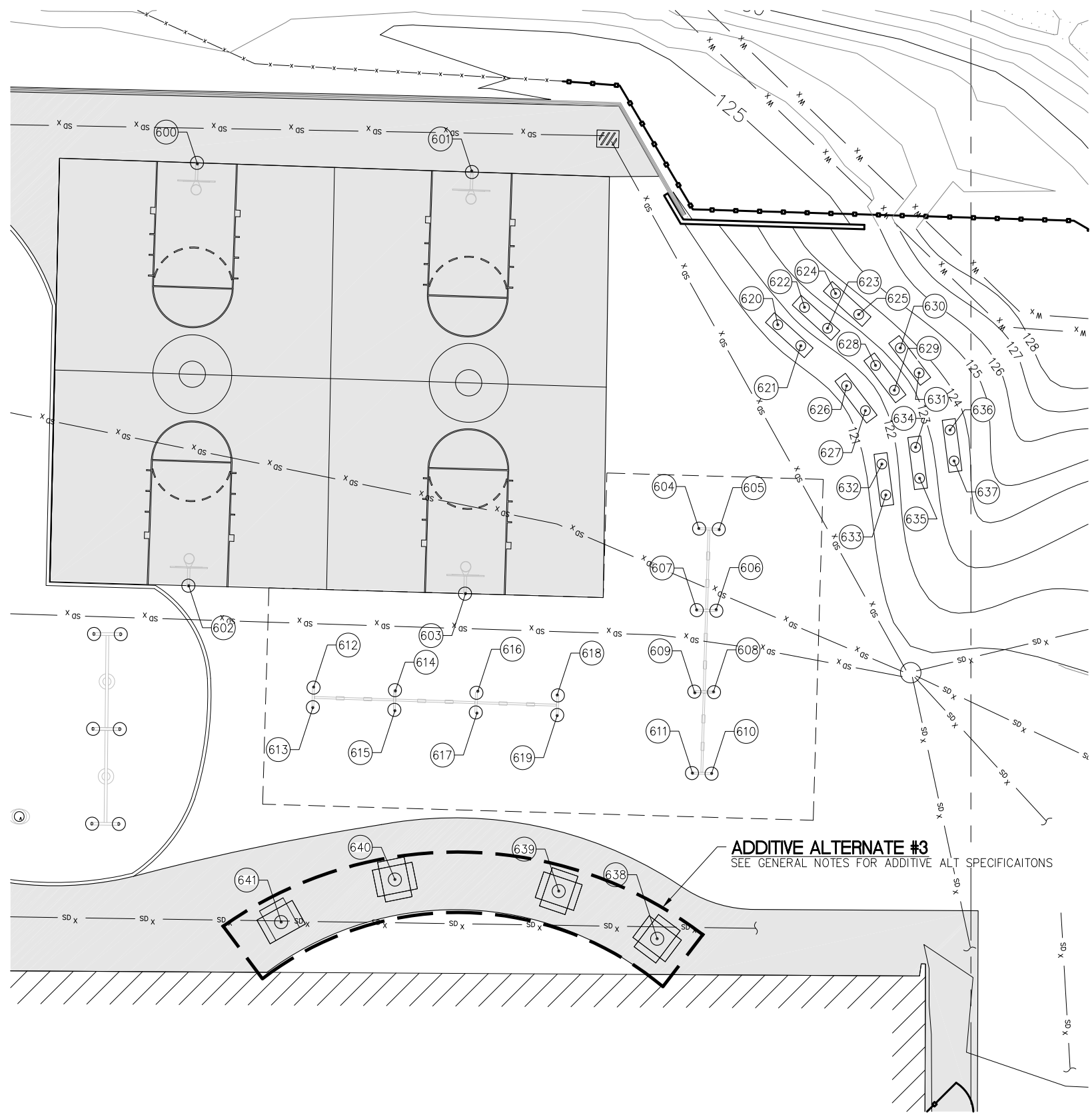


**P N D**  
**ENGINEERS, INC.**  
9360 Glacier Highway, Ste. 100  
JUNEAU, ALASKA 99801  
PHONE (907) 586-2093  
FAX (907) 586-2099  
www.pndengineers.com



**PLAYGROUND EQUIPMENT PLAN - SWING SET AND BASKETBALL COURT**  
Date: MARCH 26, 2013

**C11**  
Sheet number: 13 of 23



**LAYOUT POINT TABLE**

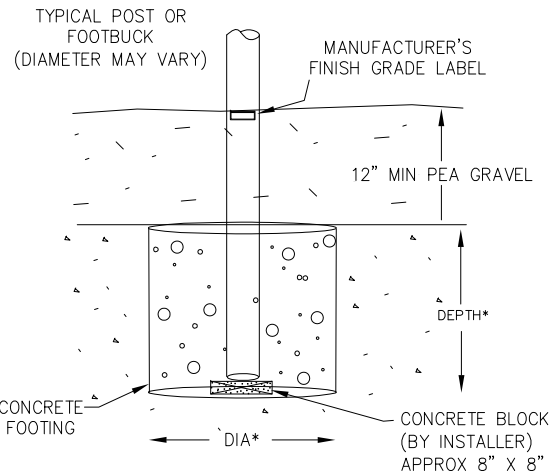
POINT	NORTHING	EASTING	FTG TYPE
600	10951.13	8632.13	R
601	10981.47	8603.16	R
602	10996.25	8678.18	R
603	11026.64	8648.90	R
604	11044.55	8616.47	S
605	11046.71	8614.39	S
606	11055.33	8623.34	S
607	11053.17	8625.42	S
608	11063.95	8632.29	S
609	11061.79	8634.37	S
610	11072.57	8641.25	S
611	11070.40	8643.33	S
612	11020.70	8675.42	S
613	11022.78	8677.59	S
614	11029.68	8666.83	S
615	11031.76	8669.00	S
616	11038.66	8658.24	S
617	11040.73	8660.40	S
618	11047.63	8649.64	S
619	11049.71	8651.81	S
620	11030.74	8586.14	T
621	11035.48	8585.87	T
622	11031.70	8581.37	T

**LAYOUT POINT TABLE**

POINT	NORTHING	EASTING	FTG TYPE
623	11036.44	8581.10	T
624	11033.51	8576.50	T
625	11038.26	8576.23	T
626	11044.73	8585.15	T
627	11049.44	8585.76	T
628	11045.61	8579.83	T
629	11050.32	8580.43	T
630	11046.36	8575.28	T
631	11051.07	8575.88	T
632	11057.02	8589.66	T
633	11060.81	8592.53	T
634	11058.81	8584.21	T
635	11062.60	8587.07	T
636	11060.60	8578.61	T
637	11064.39	8581.47	T
638	11084.73	8664.79	U
639	11069.04	8670.43	U
640	11050.29	8687.04	U
641	11042.79	8703.97	U

**FOOTINGS TABLE**

TYPE	DIAMETER/SIDE	DEPTH	QTY.
R	3'-0"	3'-8"	4
S	2'-0"	3'-0"	16
T	1'-6"	2'-0"	18
U	1'-6"	2'-8"	4



**2** TYPICAL PLAYGROUND EQUIPMENT FOOTING DETAIL  
 \* REFER TO MANUFACTURER'S DETAILS FOR ACTUAL FOOTING REQUIREMENT FOR EACH COMPONENT. SEE FOOTINGS TABLE.

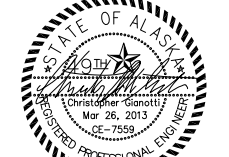
**1** PLAYGROUND EQUIPMENT FOUNDATION PLAN  
 SWING SET AND BASKETBALL COURT



**GASTINEAU ELEMENTARY SCHOOL**  
**PLAYGROUND UPGRADES**  
 CBJ CONTRACT NO. E13-214  
 - Architecture Division  
 CITY/BOROUGH OF JUNEAU Alaska's Capital City



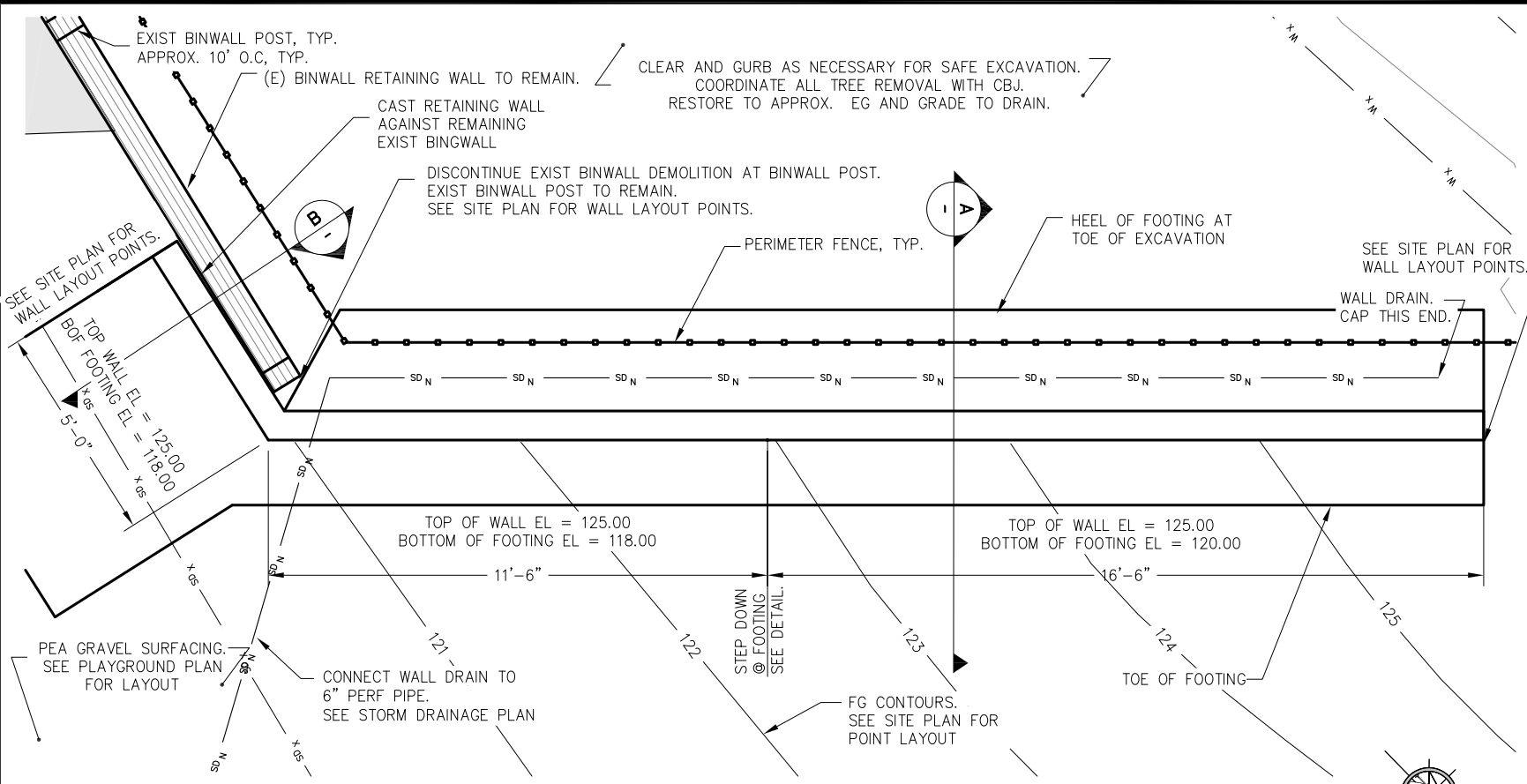
**ENGINEERS, INC.**  
 9360 Glacier Highway, Ste. 100  
 JUNEAU, ALASKA 99801  
 PHONE (907) 586-2093  
 FAX (907) 586-2099  
 www.pndengineers.com



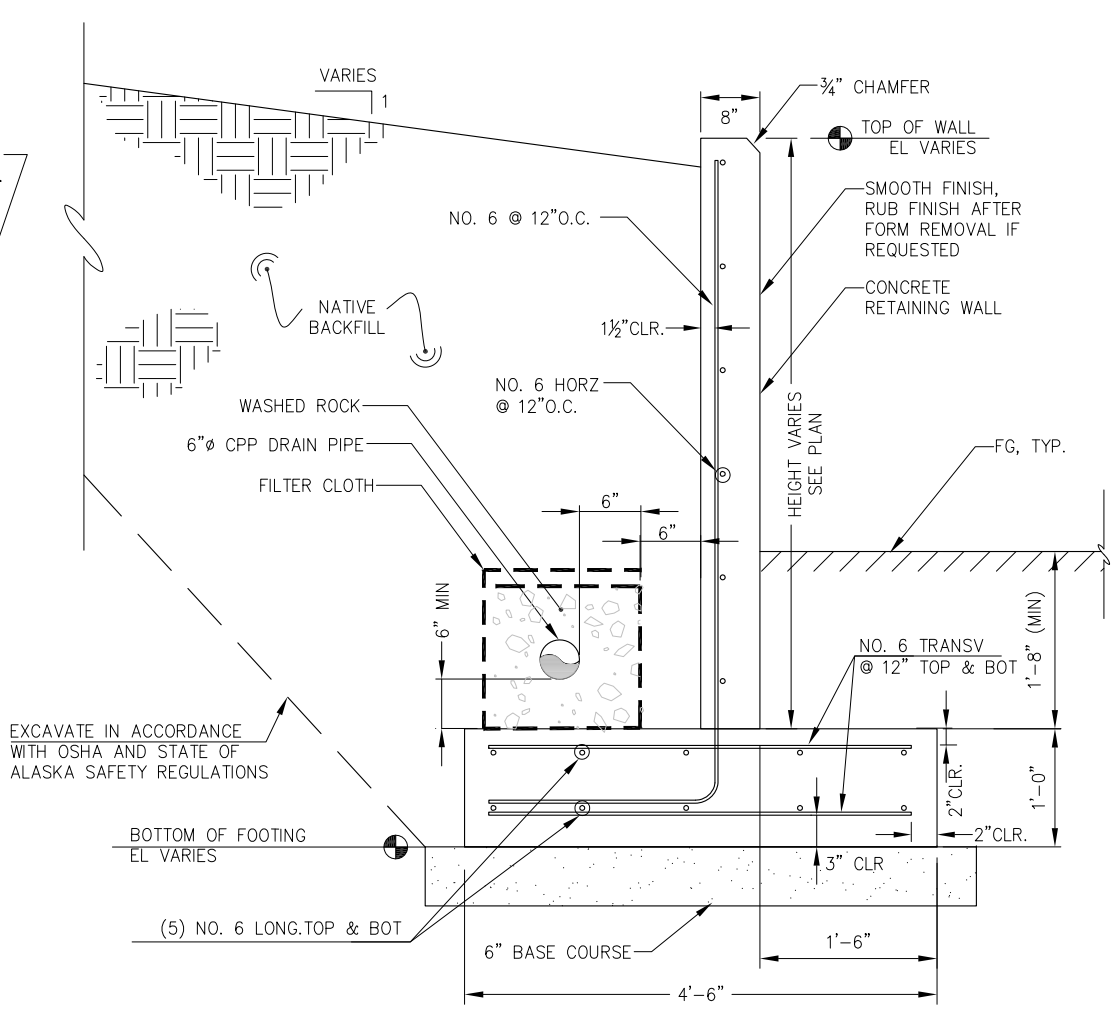
**PLAYGROUND EQUIPMENT FOUNDATION PLAN - SWING SET AND BASKETBALL COURT**  
 Date:  
 MARCH 26, 2013

**C12**

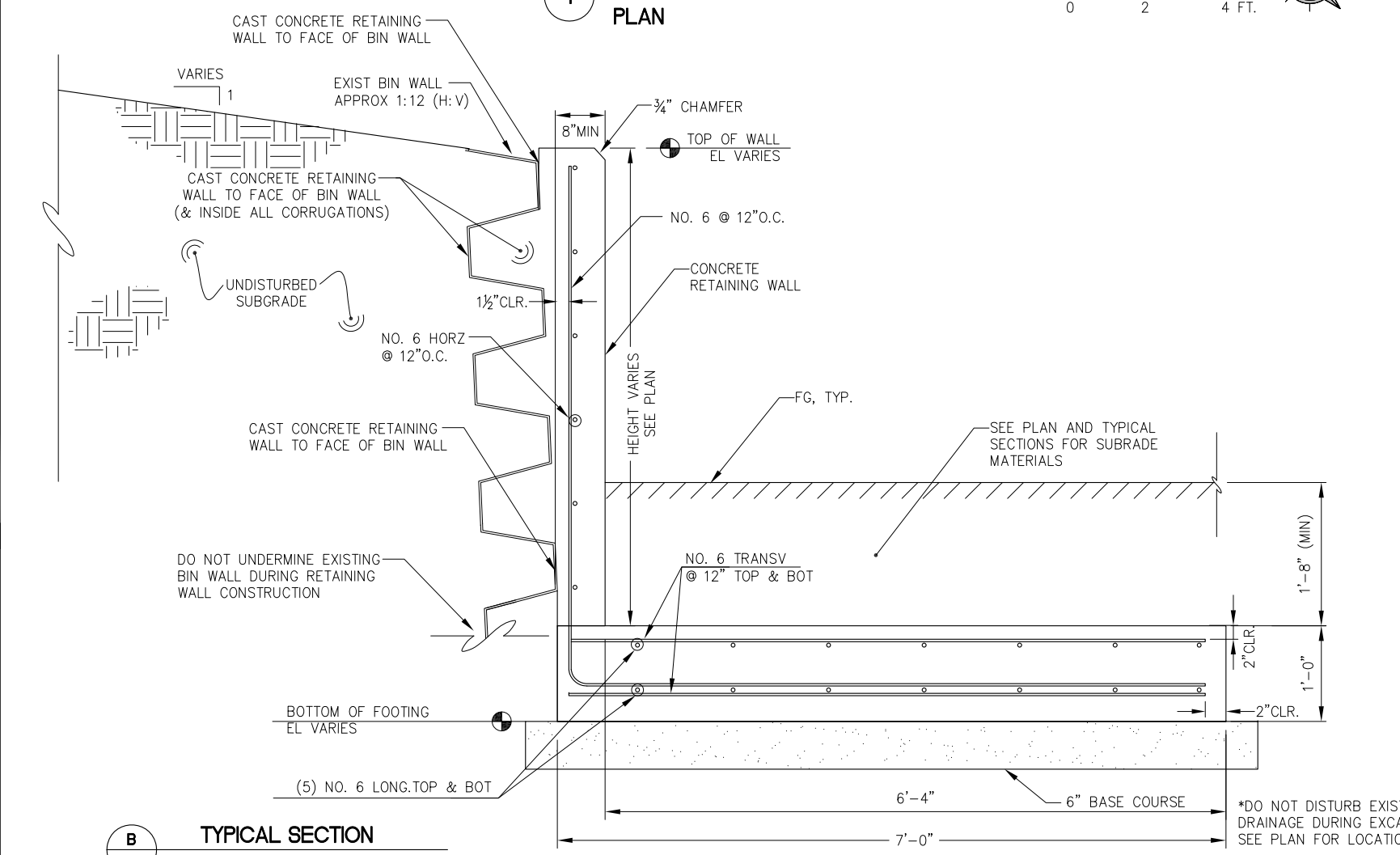
Sheet number:  
 14 of 23



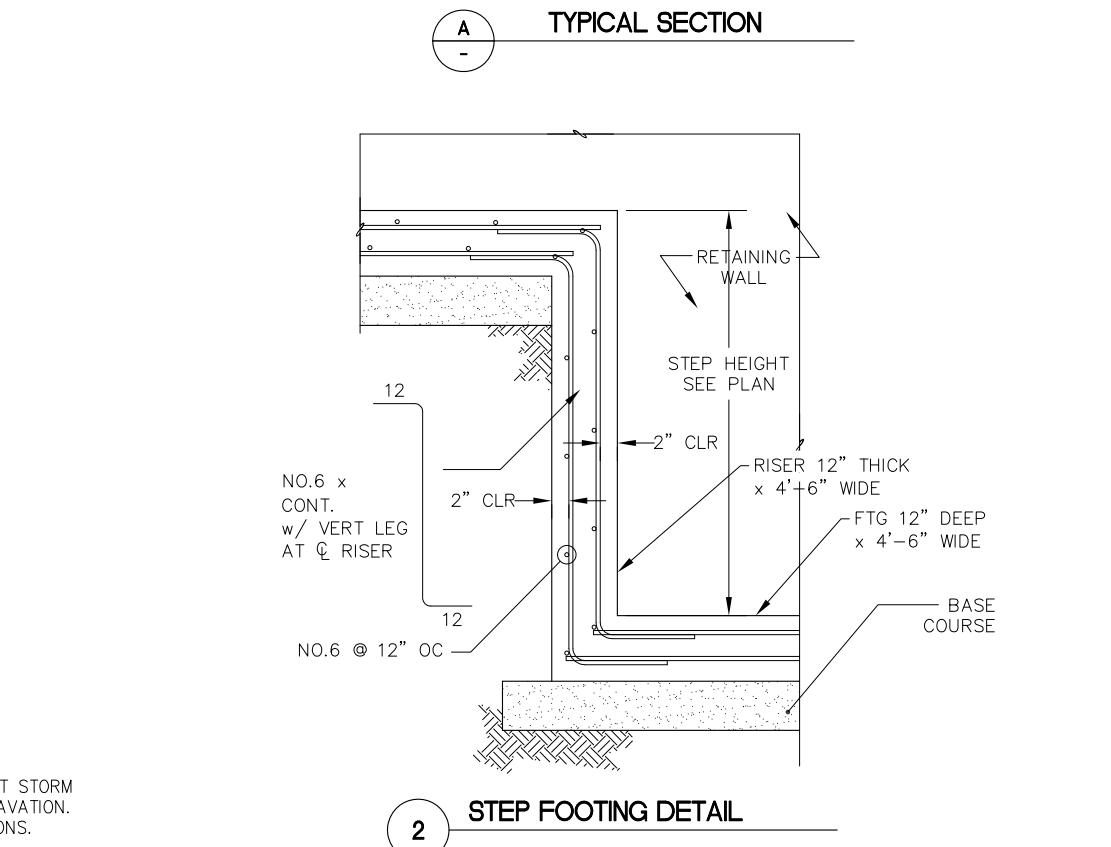
**1 OUTDOOR CLASSROOM RETAINING WALL PLAN**



**A TYPICAL SECTION**



**B TYPICAL SECTION**

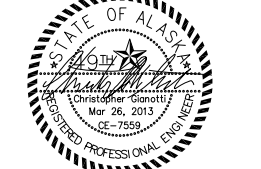


**2 STEP FOOTING DETAIL**

\*DO NOT DISTURB EXIST STORM DRAINAGE DURING EXCAVATION. SEE PLAN FOR LOCATIONS.

GASTINEAU ELEMENTARY SCHOOL  
PLAYGROUND UPGRADES  
CBJ CONTRACT NO. E13-214  
- Architecture Division  
CITY/BOROUGH OF JUNEAU Alaska's Capital City

**P N D**  
ENGINEERS, INC.  
9360 Glacier Highway, Ste. 100  
JUNEAU, ALASKA 99801  
PHONE (907) 586-2093  
FAX (907) 586-2099  
www.pndengineers.com



OUTDOOR CLASSROOM RETAINING WALL PLAN & SECTION  
Date: MARCH 26, 2013


**C13**  
Sheet number: 15 of 23

LAYOUT POINT TABLE				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
100	10743.99	8842.97		COR, ACP
101	10732.82	8826.45		COR, ACP
102	10755.11	8808.37	119.85	EDGE, ACP
103	10764.21	8817.78		COR, ACP
104	10770.54	8823.98		COR, ACP
105	10792.78	8788.86	121.20	EDGE, ACP
106	10783.63	8780.79	120.85	EDGE, ACP
107	10831.42	8749.76	120.40	GATE
108	10823.65	8742.05	120.30	GATE
109	10871.50	8695.47	120.50	EDGE, ACP
110	10878.79	8702.11		COR, ACP
111	10897.40	8689.06	120.23	PCC, ACP
112	10921.04	8663.49	119.80	PCC, ACP
113	10935.96	8646.61	120.30	CORNER, ACP
114	10951.82	8662.87	120.36	PC, ACP
115	10981.05	8692.83	120.60	COR, ACP
116	10992.70	8681.74	120.00	PC, CURB
117	11005.08	8669.63	120.20	GRADE BREAK
118	11008.73	8685.65	120.11	PCC, CURB
119	11020.20	8700.32	120.12	PCC, CURB
120	11027.97	8693.41	120.20	GRADE BREAK
121	11042.86	8682.66	120.35	PCC
122	11022.06	8715.15	120.51	PCC, ACP
123	11046.72	8710.90	120.70	PC, ACP
124	10972.21	8739.72	120.40	PRC, ACP
125	10939.64	8742.67	120.54	PRC, ACP
126	10917.69	8740.78	120.70	PC, ACP
127	10898.90	8722.10	120.60	COR, ACP
128	10929.85	8752.88		COR, ACP
129	10986.25	8769.84	120.85	PC, ACP
130	10935.76	8805.47	121.00	PC, ACP
131	10931.70	8808.34	121.00	COR, ACP
132	10910.86	8782.57	120.60	COR, ACP
133	10888.76	8800.53	120.60	COR, ACP
134	10908.43	8824.77	120.80	COR, ACP
135	10860.63	8822.38		COR, ACP
136	10864.92	8837.49		COR, ACP
137	10869.17	8852.48		EDGE, ACP
138	10989.99	8580.12	120.10	COR, ACP
139	10987.81	8577.83		COR, FENCE
140	10996.64	8588.68	120.35	COR, ACP
141	11001.91	8583.24	120.70	COR, ACP
142	11004.53	8584.74	120.78	FG AT WALL


LAYOUT POINT TABLE				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
143	11009.39	8585.94	120.97	FG AT WALL
144	11009.11	8583.09		COR, FENCE
145	11017.81	8577.84	123.00	FG AT WALL
146	11025.84	8570.12	125.00	FG AT WALL
147	11029.57	8566.53	125.00	FG AT WALL
148	11027.84	8588.54	121.00	GRADE BREAK
149	11028.69	8579.27	123.00	GRADE BREAK
150	11035.06	8560.83	128.00	GRADE BREAK
151	11051.02	8542.79		COR, FENCE
152	11028.65	8620.57	120.25	GRADE BREAK
153	11041.83	8634.26	120.20	GRADE BREAK
154	11052.43	8597.69	120.50	GRADE BREAK
155	11052.46	8589.74	121.00	GRADE BREAK
156	11053.02	8578.48	123.00	GRADE BREAK
157	11053.46	8569.36	125.00	GRADE BREAK
158	11053.95	8559.04	128.00	GRADE BREAK
159	11081.42	8605.16	121.00	GRADE BREAK
160	11076.75	8591.34	123.00	GRADE BREAK
161	11072.38	8578.53	125.00	GRADE BREAK
162	11066.84	8562.12	128.00	GRADE BREAK
163	11075.02	8553.62	128.00	GRADE BREAK
164	11081.85	8561.01	125.00	GRADE BREAK
165	11087.99	8567.72	123.00	GRADE BREAK
166	11097.20	8577.75	122.00	GRADE BREAK
167	11094.69	8555.62	123.00	GRADE BREAK
168	11090.86	8552.41	125.00	GRADE BREAK
169	11084.01	8548.43	128.00	GRADE BREAK
170	11087.43	8532.70		COR, FENCE
171	11112.53	8510.16		COR, FENCE
172	11124.26	8506.50		COR, FENCE
173	11088.49	8635.16	120.30	GRADE BREAK
174	11081.67	8656.57	120.47	PRC, ACP
175	11087.48	8669.76	20.66	COR, ACP
176	11091.96	8651.04	120.37	PC, ACP
177	11115.94	8626.83	120.50	COR, ACP
178	11139.70	8646.95		COR, FENCE
179	11145.09	8655.61		COR, ACP
180	11157.57	8664.59		COR, FENCE
181	10966.29	8617.62	120.30	ACP
182	10928.41	8640.23	120.20	GRADE BREAK
183	10958.92	8610.69	120.40	GRADE BREAK
184	10904.91	8663.16	120.00	GRADE BREAK

NOTE: WHERE ELEVATIONS ARE NOT PROVIDED, MATCH EXISTING GRADE

**GASTINEAU ELEMENTARY SCHOOL**  
**PLAYGROUND UPGRADES**  
 CBJ CONTRACT NO. E13-214  
 - Architecture Division  
 CITY/BOROUGH OF JUNEAU Alaska's Capital City



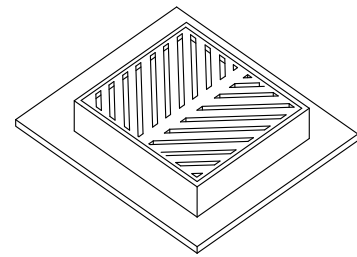
**P | N | D**  
**ENGINEERS, INC.**  
 9360 Glacier Highway, Ste. 100  
 JUNEAU, ALASKA 99801  
 PHONE (907) 586-2093  
 FAX (907) 586-2099  
 www.pndengineers.com



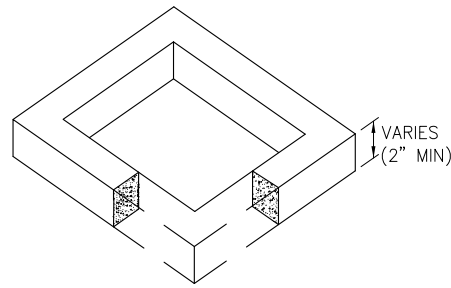
POINT LAYOUT  
 TABLES  
 Date:  
 MARCH 26, 2013

**C14**  
 Sheet number:  
 16 of 23

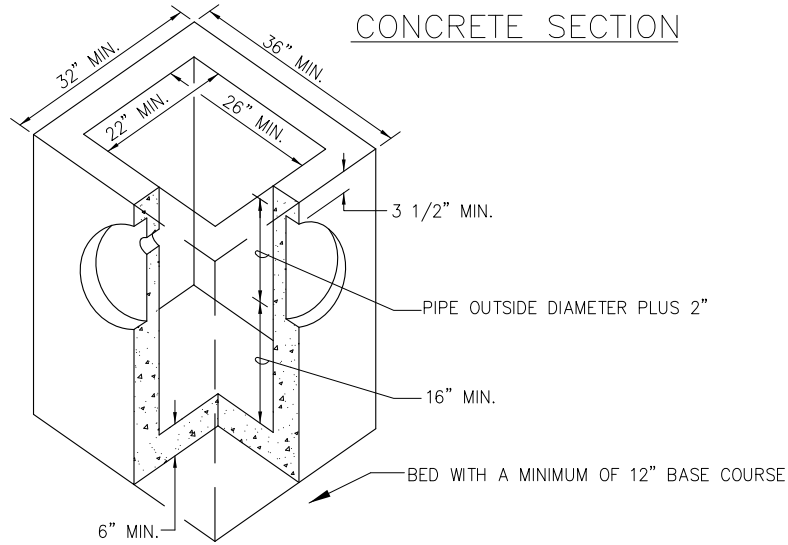




FRAME & GRATE



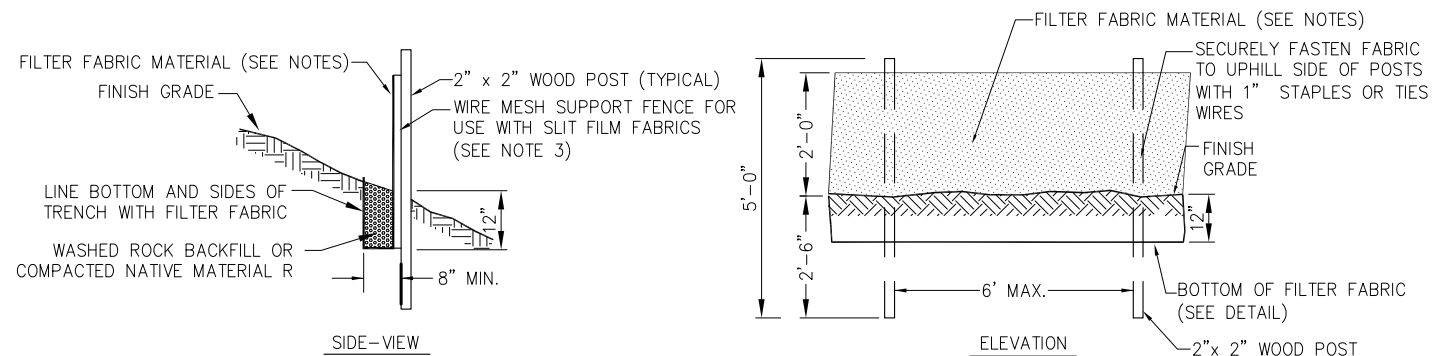
CONCRETE SECTION



TYPE III CATCHBASIN

1

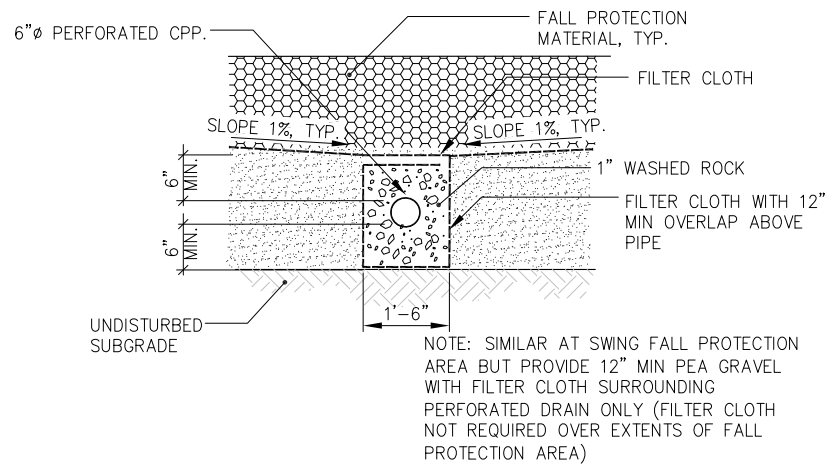
- NOTES
- ENTIRE KNOCKOUT IS TO BE REMOVED AND SEALED SHUT AROUND PIPE. ALL PIPES ARE TO EXTEND MIN 1" AND MAX 3" INTO CATCH BASIN. GROUT INTERIOR AND EXTERIOR BETWEEN FRAME, SECTIONS, AND CATCH BASIN.
  - FRAME AND GRATE SHALL BE DUCTILE IRON. FRAME MAY BE CAST INTO THE TOP UNIT. FRAME AND GRATE MUST BE OF A TYPE THAT WILL NOT CREATE A HAZARD FOR BICYCLE TRAFFIC.
  - CATCH BASIN SHALL MEET HIGHWAY STANDARD-20 LOAD REQUIREMENTS.
  - MINIMUM STEEL SHALL BE SPECIFIED BY ASTM C-478-69.
  - ADJUSTING RING SHALL BE THE SAME SIZE AS THE CATCH BASIN.
  - CONTRACTOR TO SUBMIT DATA SHEETS FOR ALL STORM DRAIN SYSTEM COMPONENTS AND CONFIGURATIONS.



- NOTES:
- FILTER FABRIC SHALL BE CUT FROM A CONTINUOUS ROLL OF FABRIC. JOINTS SHALL BE KEPT TO A MINIMUM. JOINTS SHALL BE AT SUPPORT POSTS WITH A MINIMUM OF 6" OVERLAP.
  - FILTER FABRIC FENCE SHALL BE REMOVED AFTER UPSLOPE HAS BEEN STABILIZED. RETAINED MATERIALS SHALL BE REMOVED FROM SITE AND PROPERLY DISPOSED OF.

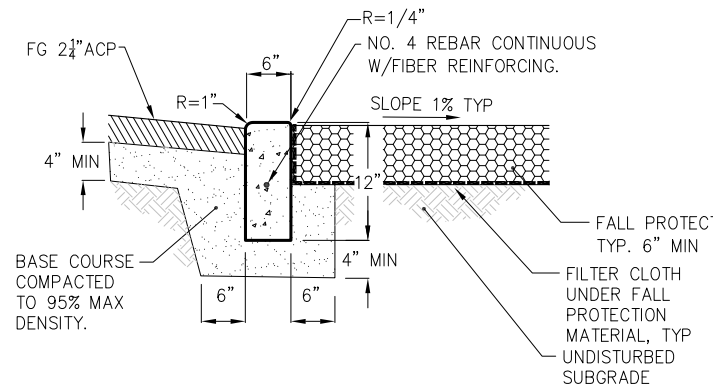
4

TEMPORARY SILT FENCE



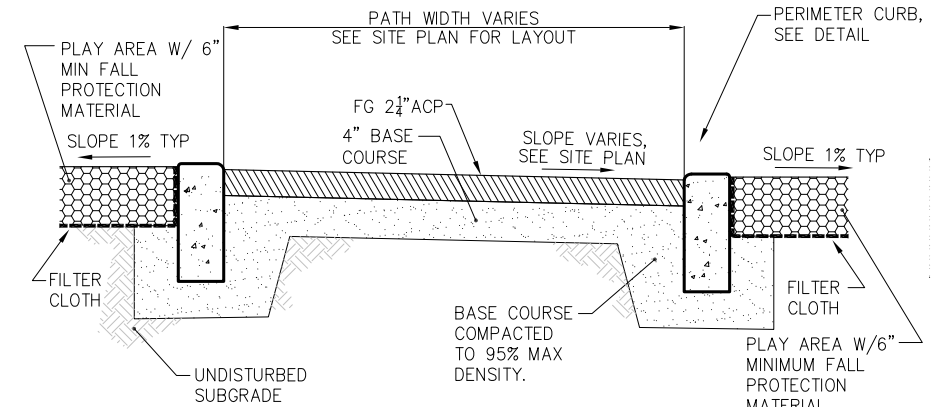
2

PERFORATED DRAIN  
TYPICAL SECTION



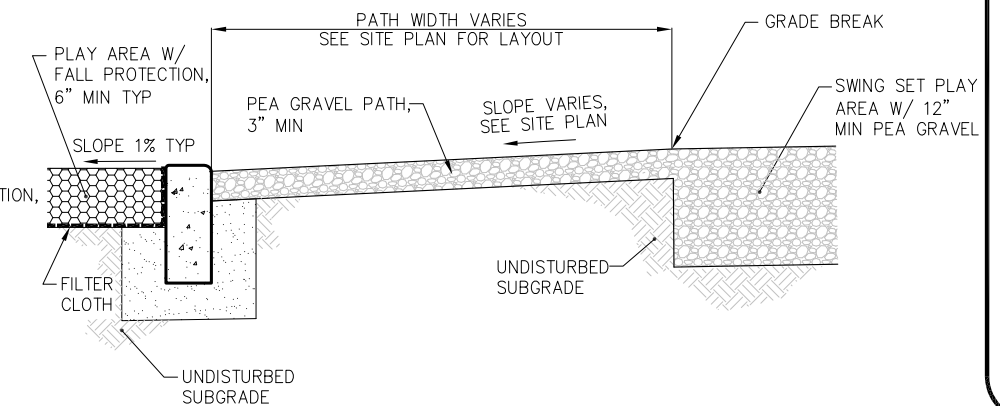
3

PERIMETER CURB



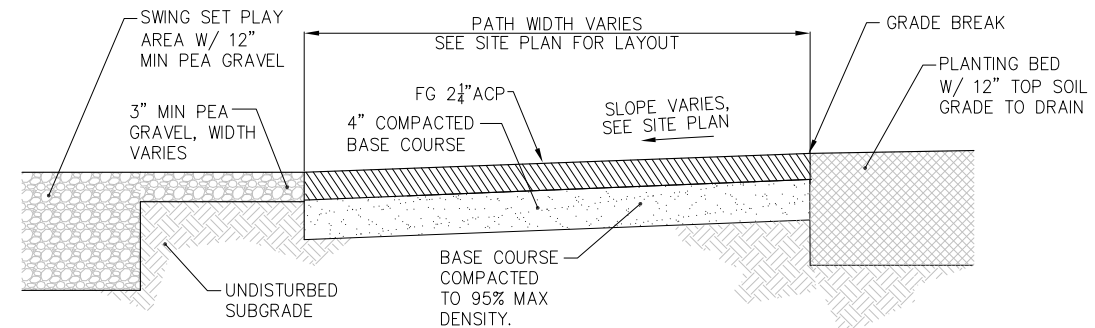
A

ASPHALT PATH  
TYPICAL SECTION



B

PEA GRAVEL PATH  
TYPICAL SECTION



C

ASPHALT PATH AT PLANTING BED  
TYPICAL SECTION

GASTINEAU ELEMENTARY SCHOOL  
PLAYGROUND UPGRADES

CBJ CONTRACT NO. E13-214

Architecture Division  
CITY/BOROUGH OF JUNEAU

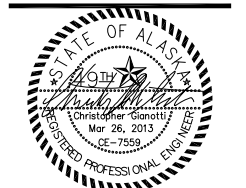
Alaska's Capital City



ENGINEERS, INC.

9360 Glacier Highway, Ste. 100  
JUNEAU, ALASKA 99801

PHONE (907) 586-2093  
FAX (907) 586-2099  
www.pndengineers.com

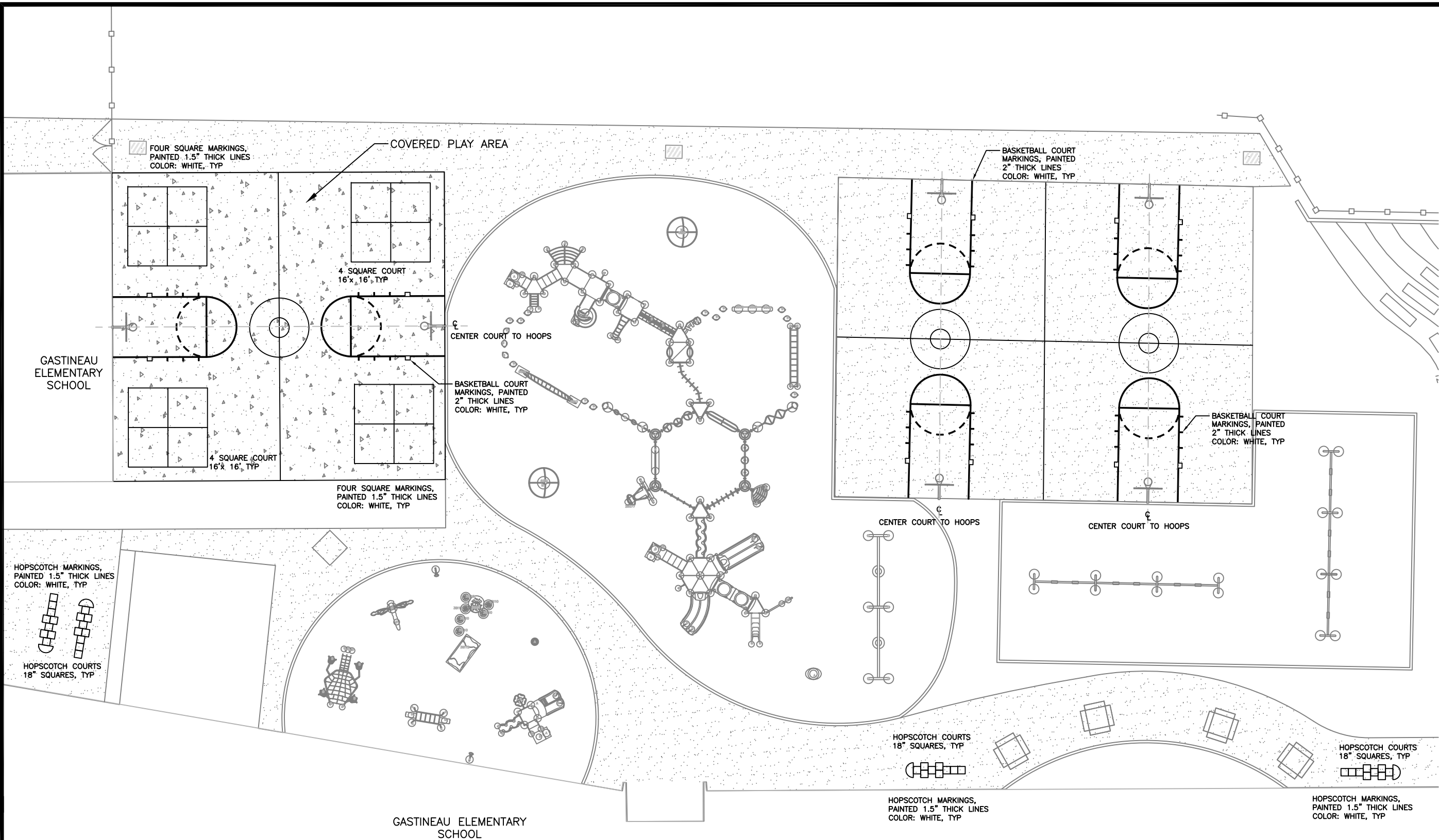


TYPICAL SECTIONS  
AND DETAILS

Date:  
MARCH 26, 2013

C15

Sheet number:  
17 of 23



**GASTINEAU ELEMENTARY SCHOOL  
PLAYGROUND UPGRADES**

CBJ CONTRACT NO. E13-214  
-Architecture Division  
CITY/BOROUGH OF JUNEAU Alaska's Capital City



Sheet Title:  
COURT/ GAME LINE  
PAINTING PLAN

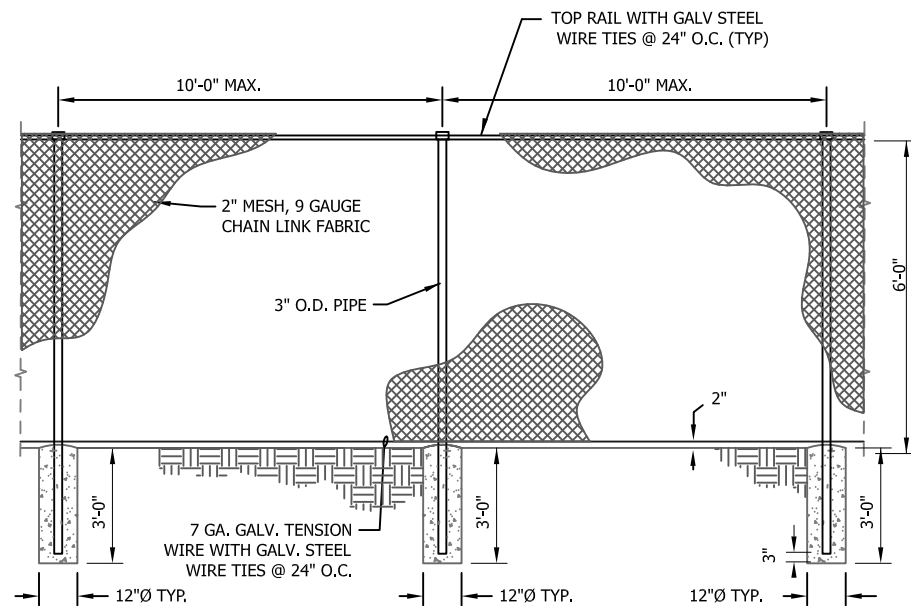


Scale: 1" = 20'  
0 20

Date:  
MARCH 20, 2013

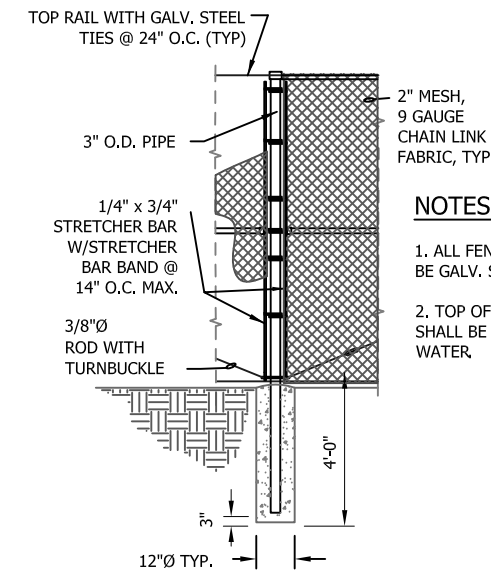
**1 COURT/ GAME LINE PAINTING PLAN**  
SCALE: 1" = 20'

**C16**  
Sheet number:  
18 of 23



**NOTES:**

1. ALL FENCING MATERIAL SHALL BE GALVANIZED STEEL.
2. TOP OF CONCRETE FOOTING SHALL BE CROWNED TO SHED WATER.

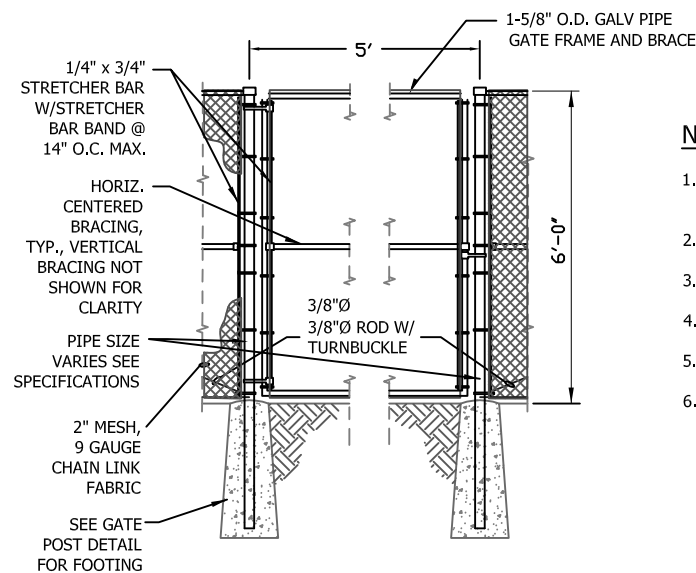


**NOTES:**

1. ALL FENCING MATERIAL SHALL BE GALV. STEEL.
2. TOP OF CONCRETE FOOTING SHALL BE CROWNED TO SHED WATER.

**1 CHAINLINK FENCE: TYPICAL LINE FENCE + POSTS**  
SCALE: NTS

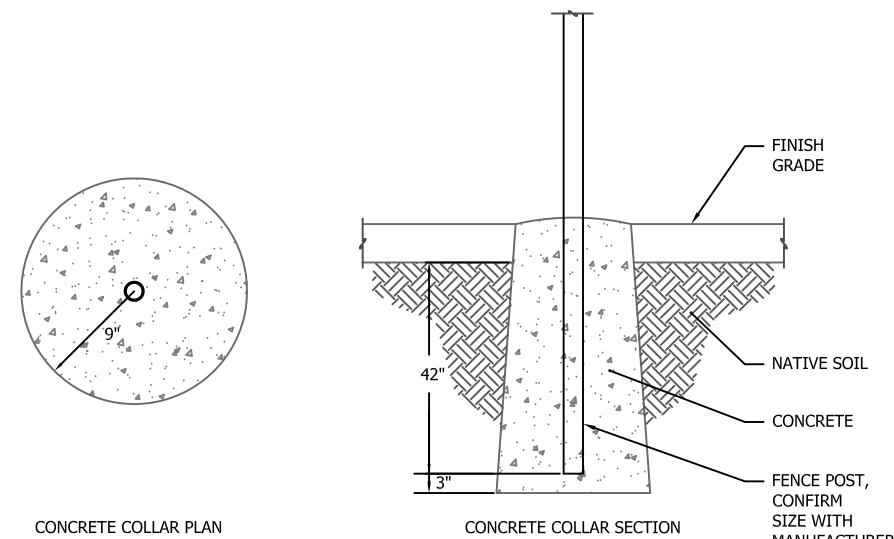
**2 CHAINLINK FENCE: CORNER TO END POST**  
SCALE: NTS



**NOTES:**

1. ALL FENCING MATERIAL INCLUDING GATE HARDWARE SHALL BE GALV. STEEL.
2. GATE SHALL BE PROVIDED WITH PROVISIONS FOR PADLOCKING.
3. CORNER FITTINGS FOR GATE FRAMES MAY BE USED IN LIEU OF WELDING.
4. GATE SHALL HAVE KNUCKLED SELVAGE TOP AND BOTTOM.
5. TOP OF CONCRETE FOOTING SHALL BE CROWNED TO SHED WATER.
6. VERTICAL BRACING SHALL BE 4' TO 6' APART.

**3 CHAIN LINK SWING GATE DETAIL**  
SCALE: NTS



**NOTES:**

1. INSTALL CONCRETE COLLAR AROUND POSTS INSTALLED IN PAVED AREAS.
2. AFTER ADJUSTING POST TO FINISH GRADE, BACKFILL WITH CONCRETE ONLY.
3. ASHFORD FORMULA OR APPROVED EQUAL SHALL BE APPLIED AS A CURING COMPOUND, APPLICATION SHALL CONFORM TO MANUFACTURER RECOMMENDATIONS.
4. UNLESS IMMEDIATELY BACKFILLED WITH CONCRETE, ALL SAWCUTS AND EXCAVATIONS SHALL BE PROTECTED WITH STEEL PLATES OR OTHER SUITABLE MATERIALS.
5. INCREASE BOTTOM SECTIONS 6" CREATING BELL SHAPE.

**4 CHAIN LINK GATE POST DETAIL**  
SCALE: NTS

GASTINEAU ELEMENTARY SCHOOL  
PLAYGROUND UPGRADES

CBJ CONTRACT NO. E13-214  
-Architecture Division  
CITYBOROUGH OF JUNEAU

Alaska's Capital City

Sheet Title:  
CHAIN LINK FENCE  
DETAILS



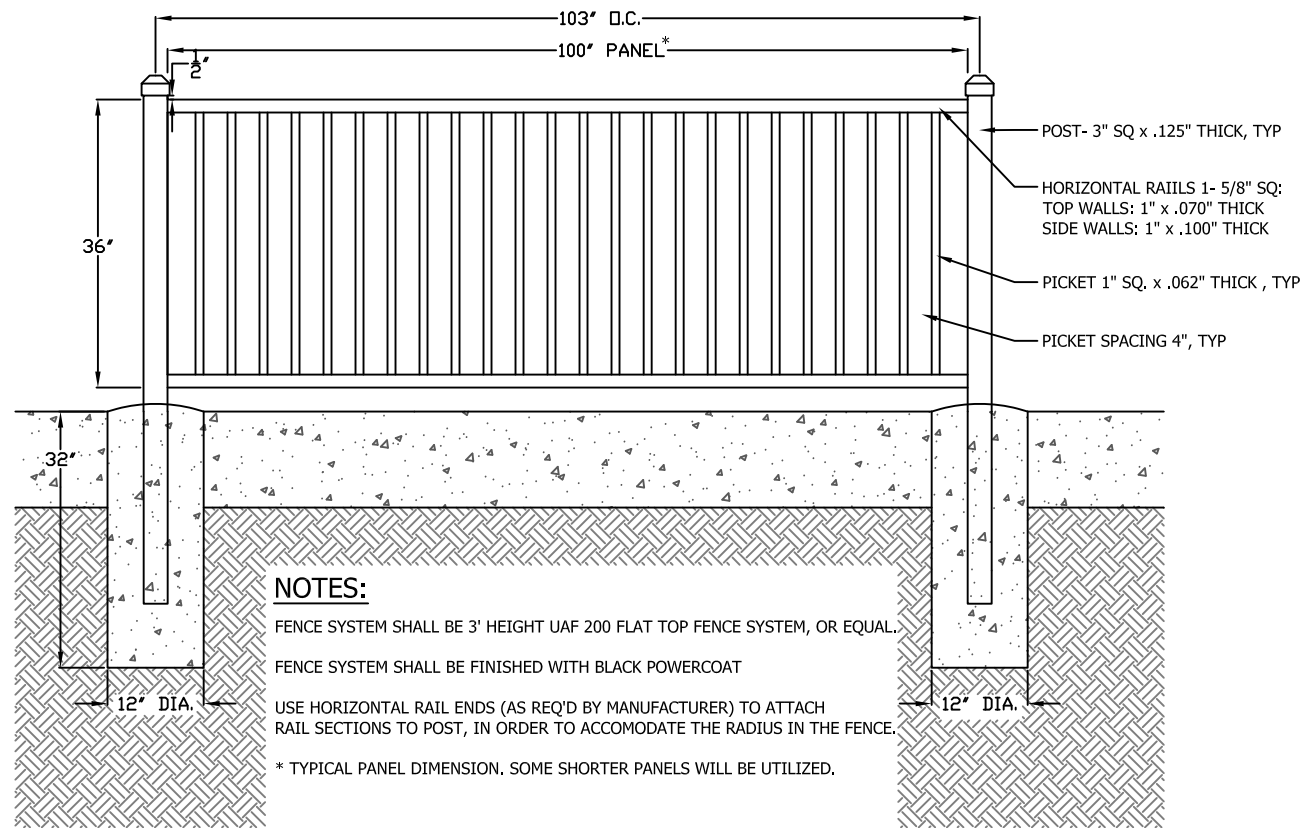
Scale: As Shown



Date:  
MARCH 20, 2013

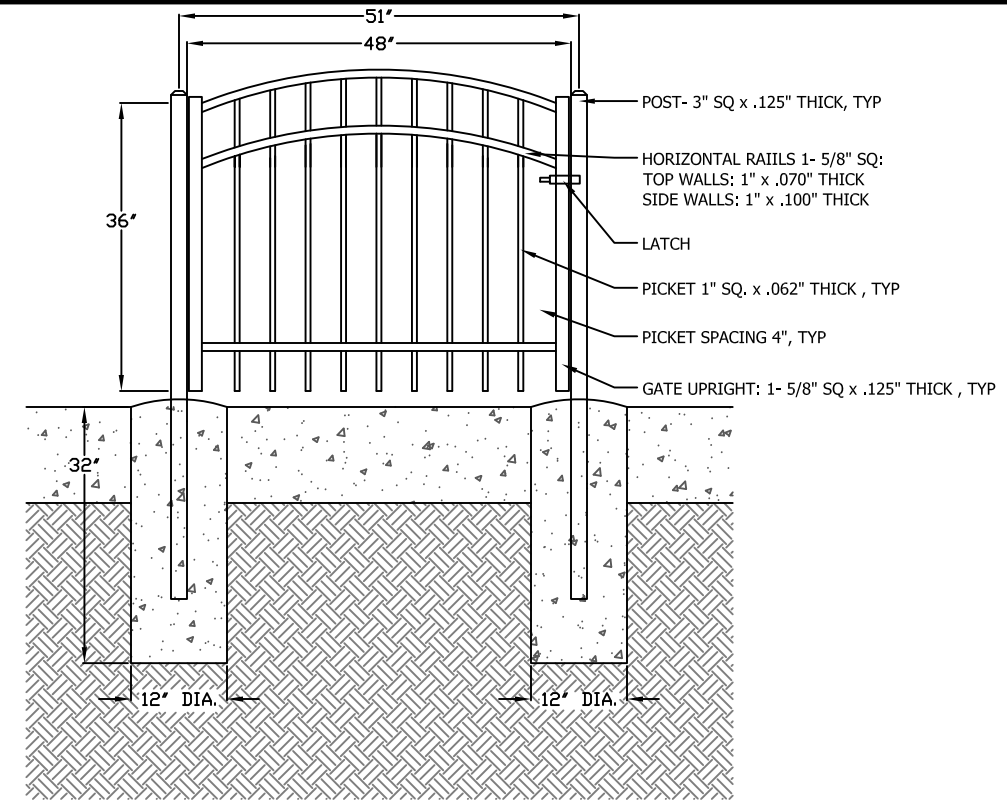
**C17**

Sheet number:  
19 of 23



**NOTES:**

FENCE SYSTEM SHALL BE 3' HEIGHT UAF 200 FLAT TOP FENCE SYSTEM, OR EQUAL.  
 FENCE SYSTEM SHALL BE FINISHED WITH BLACK POWERCOAT  
 USE HORIZONTAL RAIL ENDS (AS REQ'D BY MANUFACTURER) TO ATTACH RAIL SECTIONS TO POST, IN ORDER TO ACCOMODATE THE RADIUS IN THE FENCE.  
 \* TYPICAL PANEL DIMENSION. SOME SHORTER PANELS WILL BE UTILIZED.

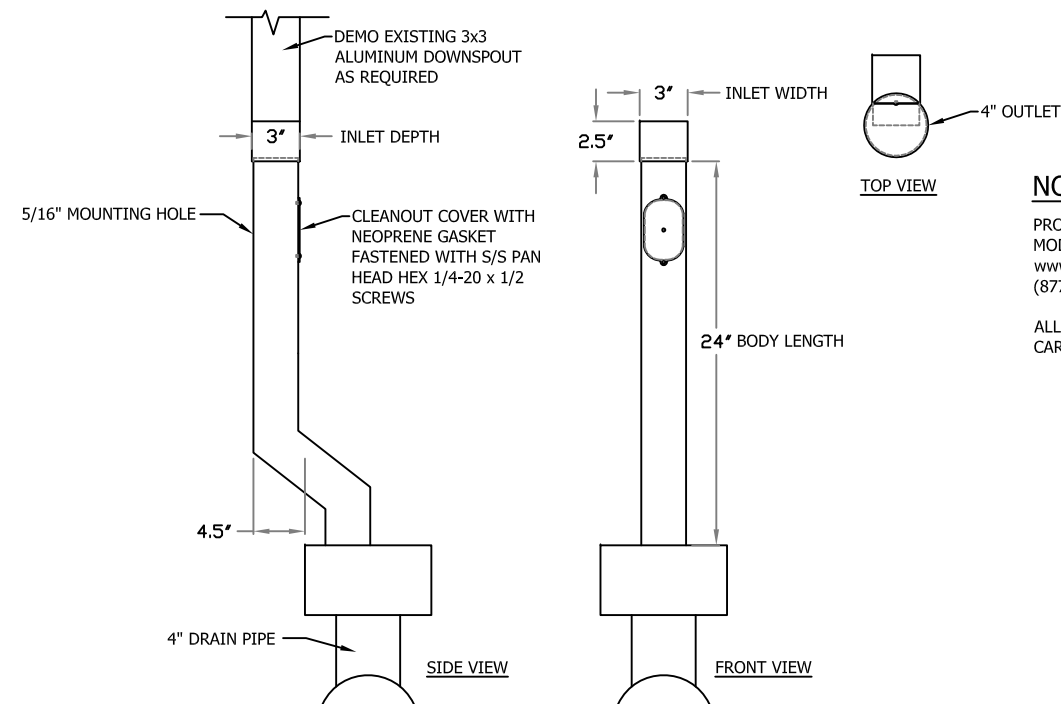


**NOTES:**

GATE SYSTEM SHALL BE 4' WIDE UAF 200 ARCHED ROLLED WALK GATE, OR EQUAL.  
 GATE SYSTEM SHALL BE FINISHED WITH BLACK POWERCOAT  
 USE HORIZONTAL RAIL ENDS (AS REQ'D BY MANUFACTURER) TO ATTACH RAIL SECTIONS TO POST, IN ORDER TO ACCOMODATE THE RADIUS IN THE FENCE.

**1** TOT LOT FENCE DETAIL  
 SCALE: 1/2" = 1' - 0"

**2** TOT LOT GATE DETAIL  
 SCALE: 1/2" = 1' - 0"



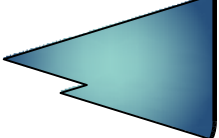
**NOTES:**

PRODUCT TO BE PIEDMONT PIPE DOWNSPOUT-MODEL SO, OR EQUAL  
 www.piedmontpipe.com  
 (877) 489-0911  
 ALL MATERIALS ARE 11 GAUGE CARBON STEEL, BLACK

**3** ADD ALT 2: DOWNSPOUT STORM DRAIN CONNECTION DETAIL  
 SCALE: 1" = 1' - 0"

GASTINEAU ELEMENTARY SCHOOL  
 PLAYGROUND UPGRADES

CBJ CONTRACT NO. E13-214  
 -Architecture Division  
 CITYBOROUGH OF JUNEAU Alaska's Capital City



Sheet Title:  
 TOT LOT FENCE  
 DETAILS



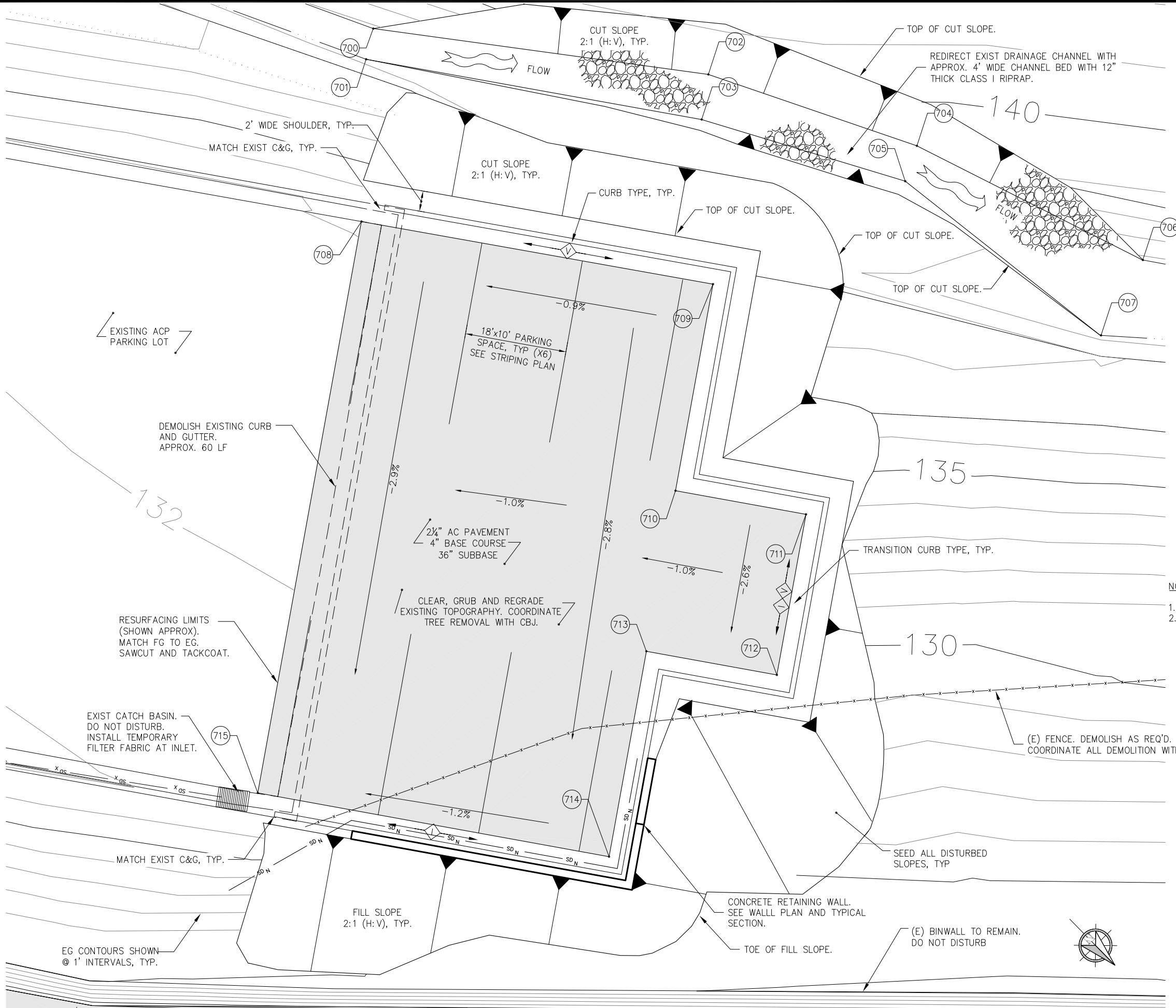
Scale: As Shown



Date:  
 MARCH 20, 2013

**C18**

Sheet number:  
 20 of 23



### LAYOUT POINT TABLE

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
700	10697.10	8730.85	136.80	TOE OF SLOPE
701	10698.74	8733.47	136.67	TOE OF SLOPE
702	10723.66	8710.97	136.30	TOE OF SLOPE
703	10726.30	8714.58	136.30	TOE OF SLOPE
704	10743.13	8701.60	136.00	TOE OF SLOPE
705	10744.75	8704.87	136.00	TOE OF SLOPE
706	10766.84	8694.01	135.75	TOE OF SLOPE
707	10769.03	8702.20	135.75	TOE OF SLOPE
708	10709.59	8745.12		COR, ACP
709	10738.42	8725.29	133.30	COR, ACP
710	10750.03	8742.28	132.70	COR, ACP
711	10760.76	8734.95	132.80	COR, ACP
712	10769.79	8748.16	132.40	COR, ACP
713	10759.05	8755.49	132.25	COR, ACP
714	10770.59	8772.40	131.75	COR, ACP
715	10741.69	8792.13		COR, ACP

NOTE: WHERE ELEVATIONS ARE NOT PROVIDED, MATCH EXISTING GRADE

- NOTES:
1. FIELD VERIFY ALL EXISTING UTILITIES AS REQUIRED.
  2. INSTALL EROSION CONTROL MEASURES INCLUDING CHECK DAMS IN DRAINAGE CHANNEL AND SILT FENCE AS REQUIRED TO PREVENT POLLUTED RUNOFF FROM ENTERING EXISTING STORM DRAINAGE SYSTEM.

**1** **PARKING LOT SITE PLAN**  
**ADDITIVE ALTERNATE #1**

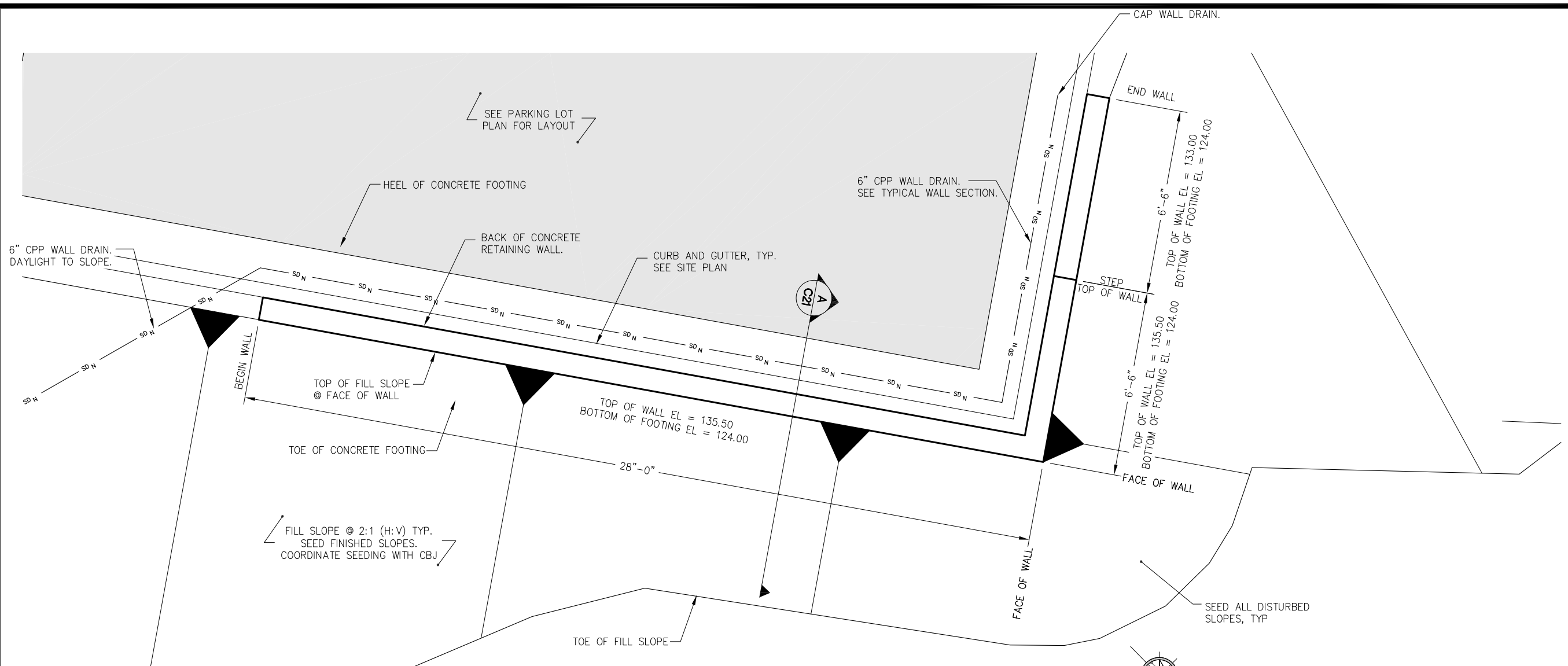
SCALE IN FEET  
0 5 10 FT.

**GASTINEAU ELEMENTARY SCHOOL**  
**PLAYGROUND UPGRADES**  
CBJ CONTRACT NO. E13-214  
— Architecture Division  
CITY/BOROUGH OF JUNEAU Alaska's Capital City

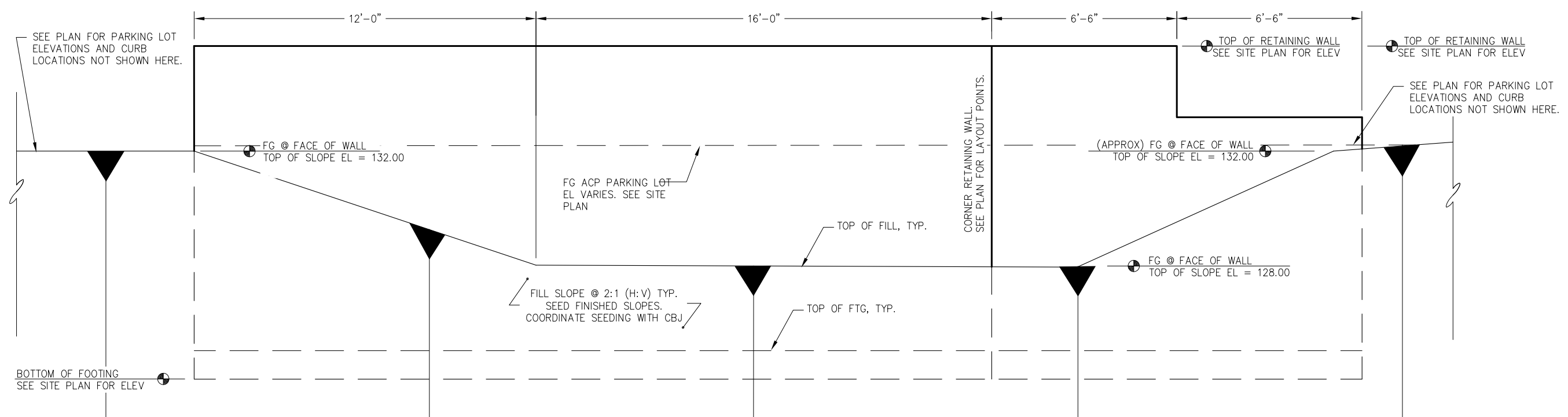
**P N D**  
**ENGINEERS, INC.**  
9360 Glacier Highway, Ste. 100  
JUNEAU, ALASKA 99801  
PHONE (907) 586-2093  
FAX (907) 586-2099  
www.pndengineers.com

ADD ALT 1: PARKING LOT SITE PLAN  
Date: MARCH 26, 2013

**C19**  
Sheet number:  
21 of 23



**1** PARKING LOT RETAINING WALL PLAN  
ADDITIVE ALTERNATE #1



**2** PARKING LOT RETAINING WALL ELEVATION  
ADDITIVE ALTERNATE #1



**GASTINEAU ELEMENTARY SCHOOL  
PLAYGROUND UPGRADES**

CBJ CONTRACT NO. E13-214  
- Architecture Division  
CITY/BOROUGH OF JUNEAU

Alaska's Capital City



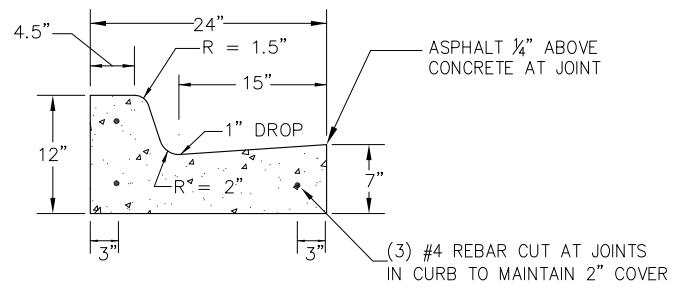
**ENGINEERS, INC.**  
9360 Glacier Highway, Ste. 100  
JUNEAU, ALASKA 99801  
PHONE (907) 586-2093  
FAX (907) 586-2099  
www.pndengineers.com



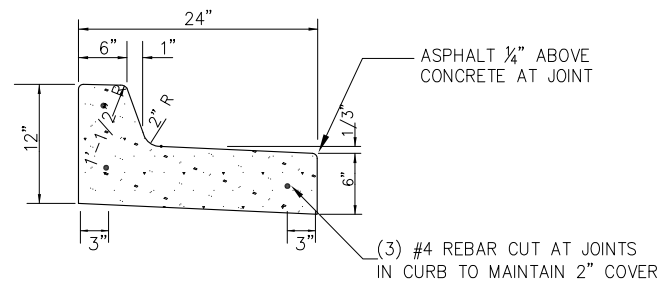
ADD ALT 1: PARKING  
LOT RETAINING WALL  
PLAN AND ELEVATION  
Date:  
MARCH 26, 2013

**C20**

Sheet number:  
22 of 23

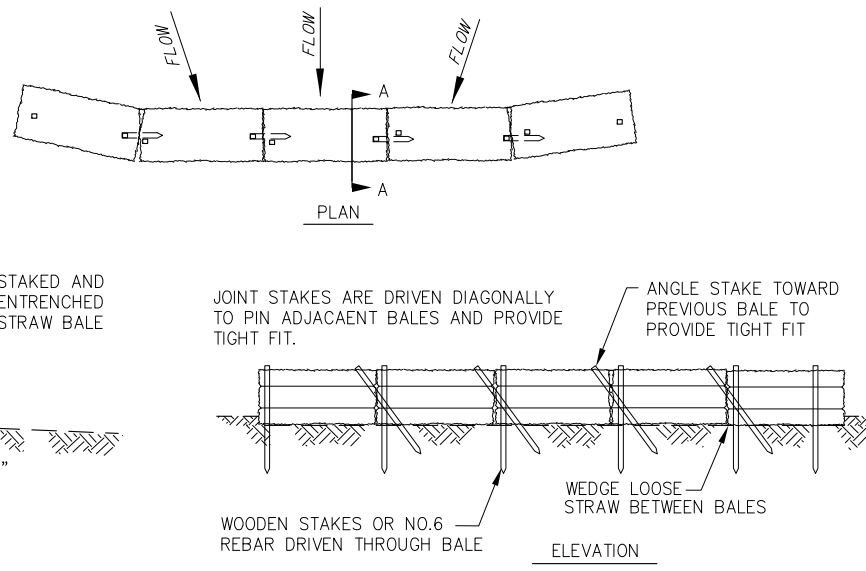


**1 TYPE I STANDARD CURB**

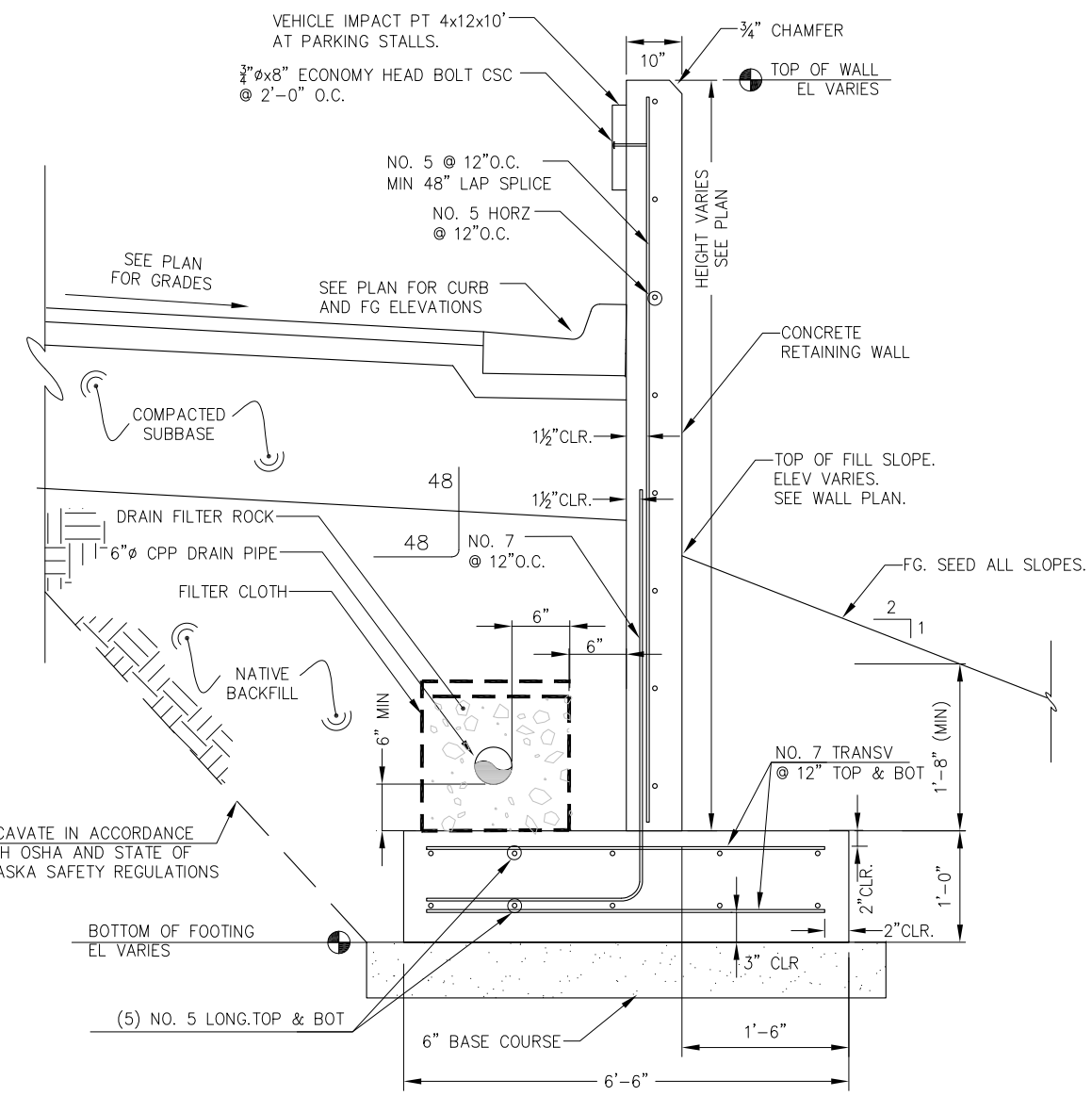


**2 TYPE V SPILL CURB**

- NOTES:**
- SEE TYPICAL SIDEWALK DETAILS FOR
  - PROVIDE MIN. 4" BASE COURSE BENEATH ALL CURBS.
  - ALL STEEL MUST HAVE A MINIMUM OF 2" OF CONCRETE COVER. FIBER REINFORCING SHALL BE ALLOWED PER ENGINEER OR PLANS.
  - ALL JOINTS AND SEAMS SHALL BE EDGED.
  - EXPANSION JOINTS SHALL BE MAX 1/2" MIN 1/4" WITH NO GAPS FOR WATER PENETRATION. JOINTS SHALL BE MAX 30' O.C.
  - STEEL TROWELING FINISH REQUIRED PRIOR TO BROOM FINISHING ON ALL SURFACES.
  - CONCRETE INTERNATIONAL CORPORATION ASHFORD FORMULA OR APPROVED EQUAL SHALL BE APPLIED AS A CURING COMPOUND. APPLICATION SHALL CONFORM TO THE MANUFACTURER'S RECOMMENDATIONS.



**3 TEMPORARY STRAW BALE**  
\*SEE CHANNEL RE-ROUTE.  
FIELD DETERMINE BALE LOCATIONS AS NECESSARY



**A C20 PARKING LOT RETAINING WALL**

GASTINEAU ELEMENTARY SCHOOL  
PLAYGROUND UPGRADES  
CBJ CONTRACT NO. E13-214  
- Architecture Division  
CITY/BOROUGH OF JUNEAU Alaska's Capital City



**ENGINEERS, INC.**  
9360 Glacier Highway, Ste. 100  
JUNEAU, ALASKA 99801  
PHONE (907) 586-2093  
FAX (907) 586-2099  
www.pndengineers.com



ADD ALT 1: PARKING LOT DETAILS  
Date: MARCH 26, 2013

**C21**

Sheet number:  
23 of 23