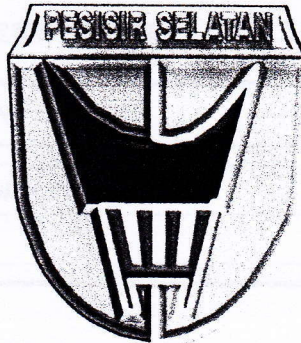


DINAS PENDIDIKAN DAN KEBUDAYAAN
KABUPATEN PESIR SELATAN



FINALL QUANTITY

NO. KONTRAK : 420/20/SPK-APBD/DPK-SARANA.SD/VI/2017
TANGGAL : 6 JUNI 2017
KEGIATAN : PEMBANGUNAN PAGAR
PEKERJAAN : PEMBANGUNAN PAGAR SMPN 1 LENGAYANG
LOKASI : KEC. LENGAYANG

Kontraktor Pelaksana

CV. SYIRKAH UTAMA

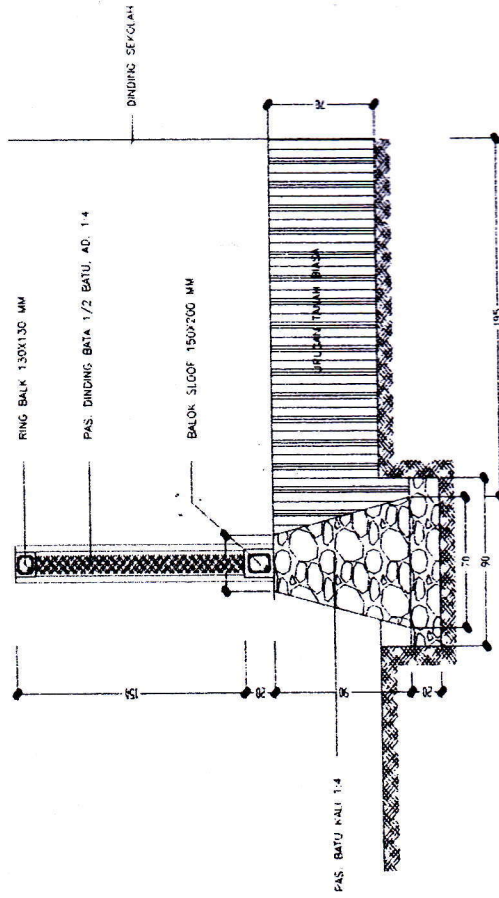
PENGAWAS DINAS PU DAN PENATAAN RUANG
KABUPATEN PESIR SELATAN

PAINAN 2017

Pembangunan Pagar SMPN 1 Lembang

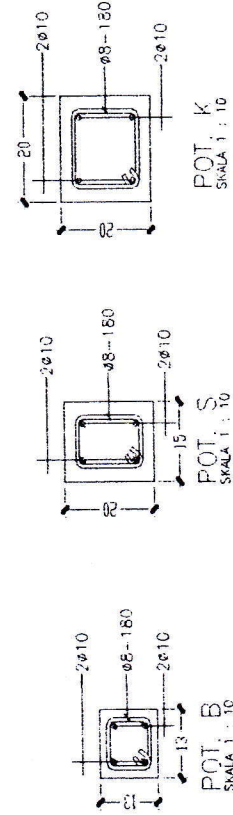
No	Uraian Pekerjaan/Sket	ESTIMASI	Volume	GAMBAR																																
I.	PEKERJAAN PERSIAPAN																																			
1.	Pengukuran dan Pasangan Bow plank Pas. Papan Nama Kegiatan	121.87	21.87																																	
II.	PEKERJAAN TANAH																																			
1.	Galian tanah biasa	<table><tr><td>(Pisat)</td><td>(Lbrt)</td><td>(Tbal)</td><td></td></tr><tr><td>= 0.90 x</td><td>0.90 x</td><td>1.00 x</td><td>27.00 =</td></tr><tr><td>= 2.10 x</td><td>0.40 x</td><td>0.40 x</td><td>22.00 =</td></tr><tr><td>= 0.30 x</td><td>0.40 x</td><td>0.40 x</td><td>1.00 =</td></tr><tr><td>= 0.90 x</td><td>0.40 x</td><td>0.40 x</td><td>1.00 =</td></tr><tr><td>= 0.80 x</td><td>0.40 x</td><td>0.40 x</td><td>1.00 =</td></tr><tr><td>25.50 x</td><td>0.90 x</td><td>0.40 x</td><td>1.00 =</td></tr><tr><td colspan="3">Volume Galian</td><td>38.73</td></tr></table>	(Pisat)	(Lbrt)	(Tbal)		= 0.90 x	0.90 x	1.00 x	27.00 =	= 2.10 x	0.40 x	0.40 x	22.00 =	= 0.30 x	0.40 x	0.40 x	1.00 =	= 0.90 x	0.40 x	0.40 x	1.00 =	= 0.80 x	0.40 x	0.40 x	1.00 =	25.50 x	0.90 x	0.40 x	1.00 =	Volume Galian			38.73	38.73 m³	POTONGAN B Skala 1 : 20
(Pisat)	(Lbrt)	(Tbal)																																		
= 0.90 x	0.90 x	1.00 x	27.00 =																																	
= 2.10 x	0.40 x	0.40 x	22.00 =																																	
= 0.30 x	0.40 x	0.40 x	1.00 =																																	
= 0.90 x	0.40 x	0.40 x	1.00 =																																	
= 0.80 x	0.40 x	0.40 x	1.00 =																																	
25.50 x	0.90 x	0.40 x	1.00 =																																	
Volume Galian			38.73																																	
2.	Urugan Kembali	= 0.25 x 38.73 = 9.68 m³	9.68 m³																																	
3.	Urugan tanah Biasa	22.00 x 1.95 x 0.70 = 30.03	30.03 m³	POTONGAN A Skala 1 : 20																																
III.	PEKERJAAN PONDASI																																			
1.	Pas Batu Kosong/Aanstampang Batu Kali LD	<table><tr><td>(Pisat)</td><td>(Lbrt)</td><td>(Tbal)</td><td></td></tr><tr><td>= 0.90 x</td><td>0.90 x</td><td>0.20 x</td><td>36.00 =</td></tr><tr><td>= 25.50 x</td><td>0.90 x</td><td>0.20 x</td><td>1.00 =</td></tr></table>	(Pisat)	(Lbrt)	(Tbal)		= 0.90 x	0.90 x	0.20 x	36.00 =	= 25.50 x	0.90 x	0.20 x	1.00 =	10.42 m³	DETAIL PONDASI UMPAK Skala 1 : 20																				
(Pisat)	(Lbrt)	(Tbal)																																		
= 0.90 x	0.90 x	0.20 x	36.00 =																																	
= 25.50 x	0.90 x	0.20 x	1.00 =																																	
2.	Pas Pondasi Batu Kali ad. 1.4	<table><tr><td>= 0.50 x</td><td>0.50 x</td><td>0.70 x</td><td>36.00 =</td></tr><tr><td>= 2.59 x</td><td>0.30 x</td><td>0.40 x</td><td>22.00 =</td></tr><tr><td>= 1.80 x</td><td>0.30 x</td><td>0.40 x</td><td>1.00 =</td></tr><tr><td>= 25.50 x</td><td>0.50 x</td><td>0.90 x</td><td>1.00 =</td></tr><tr><td colspan="3">Volume Pondasi</td><td>35.24</td></tr></table>	= 0.50 x	0.50 x	0.70 x	36.00 =	= 2.59 x	0.30 x	0.40 x	22.00 =	= 1.80 x	0.30 x	0.40 x	1.00 =	= 25.50 x	0.50 x	0.90 x	1.00 =	Volume Pondasi			35.24	35.24 m³													
= 0.50 x	0.50 x	0.70 x	36.00 =																																	
= 2.59 x	0.30 x	0.40 x	22.00 =																																	
= 1.80 x	0.30 x	0.40 x	1.00 =																																	
= 25.50 x	0.50 x	0.90 x	1.00 =																																	
Volume Pondasi			35.24																																	
IV.	PEKERJAAN BETON																																			
1.	Kolom Beton Bertulang 20 x 20 cm																																			
a.	Pek. Pembesian (Kolom) Tul. Utama 4 dia 10 Sengkang dia 8 - 150 mm	<table><tr><td>= 2.00 x</td><td>4.00 x</td><td>0.617 =</td><td>4.94 kg</td></tr><tr><td>= 14.33 x</td><td>0.72 x</td><td>0.40 =</td><td>4.08 kg</td></tr><tr><td colspan="3">Total Pembesian</td><td>9.02 kg x</td></tr></table>	= 2.00 x	4.00 x	0.617 =	4.94 kg	= 14.33 x	0.72 x	0.40 =	4.08 kg	Total Pembesian			9.02 kg x	369.65 kg																					
= 2.00 x	4.00 x	0.617 =	4.94 kg																																	
= 14.33 x	0.72 x	0.40 =	4.08 kg																																	
Total Pembesian			9.02 kg x																																	
b.	Begisting Kolom	= 1.70 x 0.80 x 41.00 x 0.50 =	27.88 m³																																	
c.	Beton Mutu K - 175 (Kolom)	= 1.70 x 0.20 x 0.20 x 41.00 =	2.79 m³																																	

GAMBAR



TOTAL PANJANG PONDASI PENAHAN TANAH = 25.5 M'
 Skala 1 : 20

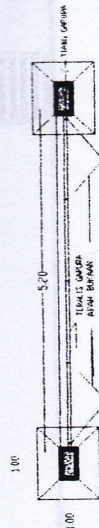
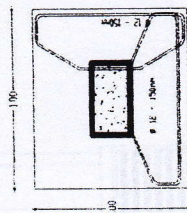
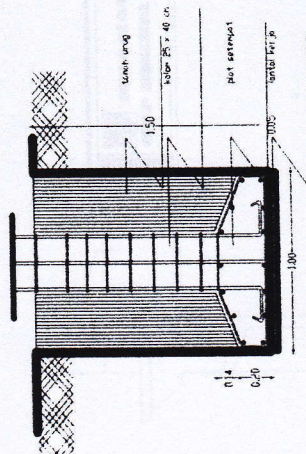
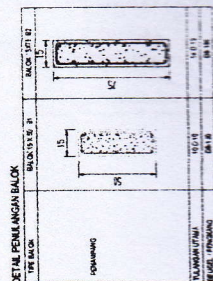
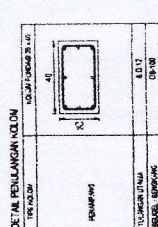
DETAIL PONDASI PENAHAN TANAH



No	Uraian Pekerjaan/Sket	ESTIMASI				Volume	GAMBAR
2.	Balok Sloof Beton 15 x 20 cm a. Pek. Pembesian Balok Sloof Tul. Utama 4 dia 10 Senggang dia 8 - 150 mm	= 105.00 x 4.00 x 0.62 = 259.28 kg	= 0.60 x 0.40 = 153.53 kg	Total Pembesian = 412.81 kg		412.81 kg	
3.	Begisting Balok Sloof c. Beton Mutu K - 175 Balok Sloof	= 97.00 x 0.40 x 0.50 = 19.40 m ³	= 0.15 x 0.20 = 2.91 m ³			19.40 m ³ 2.91 m ³	
3.	Ring Balk 13x13 cm a. Pek. Pembesian Ring Balk 13x13 cm Tul. Utama 4 dia 10 Senggang dia 8 - 150 mm	= 105.00 x 4.00 x 0.62 = 259.28 kg	= 0.60 x 0.40 = 153.53 kg	Total Pembesian = 412.81 kg		412.81 kg	
4.	Begisting Ring Balk 13x13 cm c. Beton Mutu K - 175 Ring Balk 13x13 cm Angkur Dari Pondasi ke Sloof dia 8 - 100 cm	= 97.00 x 0.26 x 0.50 = 12.61 m ³	= 0.13 x 0.13 = 1.64 m ³		45.99	12.61 m ³ 1.64 m ³ 45.99 kg	
V.	PEKERJAAN PASANGAN						
1.	Pas. Bata 1 : 4 Tebal 1/2 Batu	= 97.00 x 1.37	= 132.89 m ²			132.89 m ²	
VI.	PEKERJAAN BESI PAGAR					2.00 Unit	
1.	Pasang Pintu Basi Hollow (Pig 1 m dan Tinggi 1.5 m)						
VII.	PERKERJAAN PLESTERAN						
1.	Pes. Plesteran 1 : 4 Pes. Duri Bata tebal 1/2 batu	= 132.89 x 2.00	= 265.78 m ²			265.78 m ²	
1.	Pek. Atwerking Beton (Kolom Beton dan Sloof) Tiang 20x20 cm Kepala tiang Ring Balok 13 x 13 cm Sloof 15 x 20 cm	= 1.70 x 0.50 x 41.00 = 34.85 m ²	= 0.04 x 1.00 = 0.04 m ²	= 0.39 x 37.83 = 14.84 m ²		113.46 m ²	
2.	Pek. Acian	= 265.78 x 1.00	= 265.78 m ²			265.78 m ²	
VIII.	PEKERJAAN PENGECATAN						
1.	Pegecatan dengan cat tembok Tiang 20x20 + sloof + dinding	= 113.46 + 265.78	= 379.24 m ²			379.24 m ²	

GAMBAR

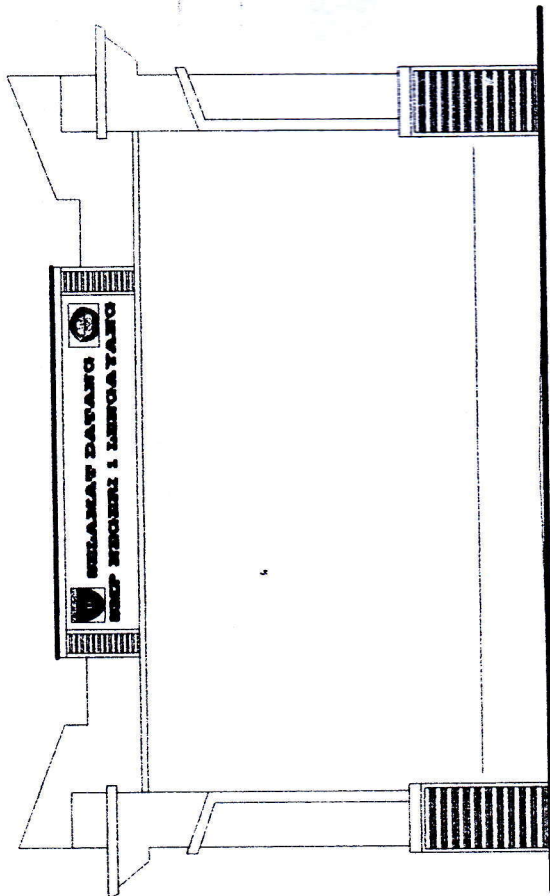
No	Uraian Pekerjaan/Sket	ESTIMASI	Volume
IX. PERKERJAAN GERBANG			
1.	Galian Tanah Pondasi	= 1.00 x 1.00 x 1.55 x 2.00 =	3.10 m ³
2.	Pek. Lantai Kerja t=5 cm	= 1.00 x 1.00 x 0.05 x 2.00 =	0.10 m ³
3.	Pek. Beton K 225 (Tapak Plat)	= 1.00 x 1.00 x 0.27 x 2.00 =	0.54 m ³
	Pembesian	= 2.56 x 6.00 x 0.89 x 2.00 =	54.62 Kg
	Ø 12 - 150	= 2.56 x 6.00 x 0.89 x 2.00 =	27.31
	Ø 12 - 150	= 2.56 x 6.00 x 0.89 x 2.00 =	27.31
		= 4.00 x 0.20 x 2.00 =	54.62
	Bekisting	= 0.25 x 0.40 x 5.15 x 2.00 =	1.60 m ²
4.	Beton K 225 (Kolom 25 x 40 cm)	= 5.65 x 8.00 x 0.89 x 2.00 =	1.03 m ³
	Pembesian	= 1.18 x 51.50 x 0.39 x 2.00 =	128.33 Kg
	8 Ø 12	= 5.15 x 1.30 x 2.00 =	80.37
	Ø 8 - 100	= 5.15 x 1.30 x 2.00 =	47.97
		= 0.15 x 0.50 x 2.30 =	128.33
		= 0.49 x 0.20 x 0.15 =	13.39
		= 0.85 x 0.45 x 0.15 =	
		= 0.17	
		= 0.01	
		= 0.06	
		= 0.24 m ³	
5.	Beton K 225 (B1.15 x 50 cm)	= 3.00 x 10.00 x 0.62 = 18.50	
		= 1.18 x 15.33 x 0.39 = 7.14 +	
		25.64	
	Pembesian	= 1.00 x 25.64 = 25.64 Kg	
	10 Ø 10	= 0.60 x 12.00 x 0.62 = 4.44	
	Ø 8 - 150	= 1.00 x 4.00 x 0.39 = 1.58 +	
		6.02	
		= 2.00 x 6.02 = 12.04 Kg	



DETAIL PONDASI PLAT SETEMPAT

DETAIL PERENCANAAN PONDASI

GAMBAR



No	Uraian Pekerjaan/Sket	ESTIMASI	Volume
6.	Bekisting	2.30 x 1.30 x 1.00 = 2.99 1.90 x 0.25 x 2.00 = 0.95	3.94 m ²
	Beton K 225 (B2 15 x 75 cm)	0.15 x 0.75 x 2.80 = 0.32	0.32 m ³
	Pembesian	2.90 x 14.00 x 0.62 = 25.04 1.48 x 18.67 x 0.39 = 10.90 + 35.94	35.94 kg
	Bekisting	2.80 x 1.75 x 1.00 = 4.90	4.90 m ²
	Pak. Profil Beton	4.75 x 2.00 = 9.50 M 0.62 x 4.00 = 2.48 M 1.50 x 2.00 = 3.00 M 2.00 x 2.00 = 4.00 M 18.98 M	18.98 M
8.	Pak. Plesteran Ciprat	1.00	1.00 Unit
9.	Pas. Batu Alam	1.10 x 1.30 x 2.00 = 2.86 M2	2.86 m ²
10.	Pak Alवरking Beton	1.30 x 5.15 x 2.00 = 13.39 M2 1.30 x 2.30 x 1.00 = 2.99 M2 1.80 x 2.80 x 1.00 = 5.04 M2 + 21.42 M2	18.56 m ²
11.	Pak. Pengecatan Garbang	18.56	18.56 m ²
12.	Pas. Merk Nama Sekolah dari Stainless Steel	1.00	1.00 Unit

TAMPAK DEPAN GAPURA
SKALA 1 : 50

Penyedia Jasa Pemborong
CV. BYIRKAH UTAMA

MUHAMMAD ARIE
Direktur

Pengawas Lapangan
Dinas PU dan Penataan Ruang, Kab. Pesisir Selatan

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