

Record entry

Name of Work- Canal road for Nagar
 Situation of Work- (Hassanah)
 Agency by which work is executed- (Hassanah)
 Date of Measurement- EA - Sri Sankar
 No. and date of agreement A- 20/1/20

(These four lines should be repeated at the commencement of the measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>Date for</u>					
<u>Date for</u>					
1. Provision of 2 fixing of working					
bored make					0.1 Nos
Reference filled					0.1 Nos
2. Clearing 2 grubbing Road land					
... then accepted					
					$2 \times 10 \times 30 \times 2.0 = 1200 \text{ m}^2 = 0.12 \text{ Ha}$
3. E/W in excavation for 4th					
... then accepted					
					$2 \times 3.90 \times 1.150 \times 1.50 = 13.45 \text{ m}^3$
					$1 \times 5.350 \times 1.130 \times 0.365 = 2.287 \text{ m}^3$
					Total = 15.660 m ³
4. Provision of 15 (per 1525 ft)					
... then accepted					
all accepted					
					$1 \times 3.90 \times 1.150 \times 0.150 = 1.345 \text{ m}^3$
					$1 \times 5.350 \times 1.130 \times 0.075 = 0.453 \text{ m}^3$
					Total = 1.798 m ³
5. Plain reinforced canal					
... then accepted					
					$2 \times 3.81 \times 1.10 + 0.45 \times 1.75 = 10.33 \text{ m}^3$
					$2 \times 3.81 \times 0.45 \times 0.63 = 0.45 \text{ m}^3$
					$2 \times 3.81 \times 0.45 \times 0.60 = 2.05 \text{ m}^3$
					Total = 11.93 m ³

Continuation

Recording					
1. Condensation & wind marks - - - - -					
alignments: -					
SRN	alt.	Altitude	mean Area	align	volume
1	0	4.071	-	-	-
2	15	4.001	4.036	15	60.5409
3	65	3.554	3.778	50	188.595m
4	115	3.709	3.632	50	181.595m
5	140	0.009	1.859	25	46.475m
6	165	0.000	0.005	25	0.113m
7	200	0.002	0.001	25	0.035m
8	225	0.001	0.001	25	0.025m
9	250	0.000	0.000	25	0.000
					477.628m

Scanned by CamScanner

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
9th ch	1111	1111	1111	1111	477.6508
10 275	0.00	0.00	2.5		0.00 m ³
11 300	0.00	0.00	2.5		0.00 m ³
			Tail off		477.6508
2. Roof gable end					
by formulae for gable end					
... floor					
1 x 1.52 x 0.60 x 0.100					0.09 m ³
1 x 2.01 x 0.40 x 0.100					0.080 m ³
1 x 0.90 x 0.60 x 0.10					0.054 m ³
4 x 0.50 x 0.50 x 0.10					0.10 m ³
1 x 2.05 x 0.70 x 0.10					0.14 m ³
4 x 1.30 x 0.50 x 0.10					0.26 m ³
2 x 4.50 x 1.05 x 0.10					0.92 m ³
3 x 3.05 x 0.75 x 0.10					0.68 m ³
5 x 1.50 x 1.30 x 0.10					0.94 m ³
4 x 2.00 x 1.50 x 0.10					1.20 m ³
6 x 2.50 x 1.05 x 0.10					1.57 m ³
1 x 4.57 x 3.35 + 4.57 x 0.10					1.80 m ³
1 x 9.45 x 2.28 + 3.05 x 2.28 x 0.10					2.44 m ³
1 x 4.57 x 2.74 x 0.10					1.25 m ³
1 x 6.30 x 2.66 x 0.10					2.54 m ³
1 x 6.40 x 2.39 x 0.10					1.52 m ³
1 x 3.75 x 2.61 x 0.10					0.87 m ³
1 x 8.23 x 3.65 x 0.10					3.01 m ³
1 x 3.05 x 2.28 x 0.10					0.69 m ³
1 x 7.31 x 2.82 x 0.075					1.54 m ³
1 x 2.74 x 2.59 x 0.075					0.53 m ³
					22.08 m ³

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 x 8.84 x 2.56 x 0.075 =					22.08 m ² 1.78 m ²
(d) 12.50 x 2.74 x 0.075 =					2.56 m ²
1 x 4.11 x 4.19 x 0.075 =					1.29 m ²
1 x 5.80 x 3.05 x 0.075 =					1.32 m ²
1 x 6.70 x 2.64 x 0.075 =					1.32 m ²
1 x 3.05 x 1.98 x 0.075 =					0.45 m ²
ch 1.37 x 1.15 x 0.075 =					30.72 m ² 0.11 m ²
					30.61 m ²
<u>10/8/20</u>					

Re-counting					
1. Pond & long. 2. Pond & 2					
Computation of area of all					
1 x 7.01 x 6.02 + 4.80 x 0.075 =					2.84 m ²
1 x 7.92 x 5.18 x 0.075 =					3.07 m ²
1 x 5.48 x 5.18 x 0.075 =					2.25 m ²
1 x 15.24 x 4.95 + 4.64 x 0.075 =					5.48 m ²
1 x 15.24 x 3.88 + 4.24 x 0.075 =					4.64 m ²
1 x 15.24 x 3.58 x 0.075 =					4.09 m ²
1 x 15.24 x 3.58 x 0.075 =					4.09 m ²
1 x 15.24 x 3.58 + 3.88 + 4.12 x 0.075 =					4.40 m ²
1 x 10.51 x 4.49 x 0.075 =					3.53 m ²
1 x 11.58 x 3.68 x 0.075 =					3.20 m ²
1 x 15.24 x 3.96 + 3.65 x 0.075 =					4.25 m ²
					= 41.91 m ²

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1 x 7.01 x 3.28 x 0.075 =					41.31 m ³ 1.78 m ³
1 x 5.94 x 3.28 x 0.075 =					1.46 m ³
1 x 12.80 x 4.72 x 0.075 =					4.52 m ³
1 x 5.18 x 3.58 x 0.075 =					1.39 m ³
1 x 8.50 x 3.50 x 0.075 =					2.23 m ³
1 x 7.62 x 3.50 x 0.075 =					2.00 m ³
1 x 9.75 x 3.28 x 0.075 =					2.39 m ³
1 x 7.78 x 3.20 x 0.075 =					1.86 m ³
1 x 7.62 x 2.89 x 0.075 =					1.65 m ³
1 x 4.57 x 2.74 x 0.075 =					0.92 m ³
1 x 4.57 x $\frac{3.75 + 4.57}{2}$ x 0.075 =					1.35 m ³
1 x 7.45 x $\frac{2.28 + 3.25 + 2.74}{3}$ x 0.075 =					1.89 m ³
1 x 9.30 x 2.68 x 0.075 =					1.81 m ³
1 x 6.40 x 2.39 x 0.075 =					1.14 m ³
1 x 3.35 x 2.61 x 0.075 =					0.65 m ³
1 x 8.23 x 3.65 x 0.075 =					2.25 m ³
1 x 3.05 x 2.28 x 0.075 =					0.52 m ³
1 x 7.31 x 2.82 x 0.075 =					1.54 m ³
1 x 2.74 x 2.55 x 0.075 =					0.53 m ³
1 x 8.84 x 2.56 x 0.075 =					1.70 m ³
1 x 12.50 x 2.79 x 0.075 =					2.56 m ³
1 x 4.11 x 4.19 x 0.075 =					1.29 m ³
1 x 5.80 x 3.05 x 0.075 =					1.32 m ³
1 x 6.70 x 2.64 x 0.075 =					1.32 m ³
1 x 3.05 x 1.98 x 0.075 =					0.45 m ³
1 x 1.37 x 1.15 x 0.075 =					0.11 m ³
Total =					83.12 m ³

V. P. S.
21/8/20
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Continuation

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Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
127.75 x	3.25	90.160	=		122.25 m ² 4.03 m ²
127.67 x	2.94	90.140	=		3.54 m ²
124.57 x	2.82	90.160	=		2.06 m ²
124.57 x	4.26	90.160	=		3.11 m ²
129.45 x	3.15	90.160	=		4.73 m ²
124.57 x	3.35	90.160	=		2.45 m ²
129.20 x	2.66	90.160	=		3.95 m ²
126.40 x	2.39	90.160	=		2.45 m ²
125.35 x	2.61	90.160	=		1.60 m ²
128.23 x	7.46	90.160	=		7.67 m ²
123.00 x	2.89	90.140	=		1.23 m ²
127.31 x	3.35	90.140	=		3.98 m ²
122.74 x	2.22	90.160	=		1.21 m ²

128.84 x	3.25	90.140	=		4.00 m ²
122.50 x	3.42	90.140	=		5.98 m ²
124.11 x	4.87	90.140	=		2.30 m ²
125.84 x	3.04	90.160	=		2.79 m ²
126.70 x	2.64	90.160	=		2.83 m ²
122.00 x	1.78	90.160	=		0.63 m ²
Add -	122.80 x	4.79	90.160	=	1.39 m ²
					184.31 m ²
dn	1.37 x	1.50	90.140	=	0.22 m ²
					184.09 m ²

2. Provide 1 lay brick

2nd p.

$$5 \times 30.48 \times 0.250 = 38.10 \text{ m}^2$$

3. Provide 2 lay of bed

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. additional 12mm plaster coat					
2.5 mm + 15 mm = 17.5 mm					
$2 \times 10 \times 30 \times 0.100$					60.00 m ²
$1 \times 9.00 \times 0.100$					0.90 m ²
$1 \times 6.00 \times 0.100$					0.60 m ²
$2 \times 4.00 \times 0.100$					0.80 m ²
				T.D =	62.30 m ²
4. Provision for 20x20x10 of					
typical masonry infill					
2.00 m x 2.00 m					2 Nos
$\frac{2 \times 2 \times 2}{619/20}$					

	material to be used			
Bricks	2043 Nos			
Sand	305 m ³			
Sand	101 m ³			
Sand	25.0 m ³			
$\frac{2 \times 2 \times 2}{619/20}$	Abstract of cost:			
1. Provision for 20x20x10 of				
Benches				
V.T.M.P. = 01 Nos				
$\frac{2 \times 2 \times 2}{619/20}$				6 3907 =
2. Provision for 20x20x10 of				
filling				
V.T.M.P. = 01 Nos				
$\frac{2 \times 2 \times 2}{619/20}$				1758 =
3. Provision for 20x20x10 of				
filling				
$\frac{2 \times 2 \times 2}{619/20}$				5665 =

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Level of all		0.5		1	5665.7
V.T.M.B.P. - 1 = 0.12 H/c					
= 51133 = 78/H/c					6136.5
$\frac{4}{6}$ Cost of embankment of all					
V.T.M.B.P. - 3					
= 4.77.638 m ² + 188 = 05/m ²					89820.0
$\frac{5}{8}$ Cost of g.s. of all					
V.T.M.B.P. - 4					
= 30.6/m ² + 152 = 25/m ²					46565.0
$\frac{6}{9}$ Cost of 2 embankment of all					
V.T.M.B.P. - 5					
= 83.12420 2188 = 21/m ²					181884.0
$\frac{7}{12}$ Cost of wire fencing					
e.c. present in 30 feet					
V.T.M.B.P. - 7					
= 184.09 m ² + 5503 = 00/m ²					1013047.0
$\frac{8}{11}$ Cost of 2 layers brickwork of all completed					
V.T.M.B.P. - 8					
= 38.10 m ² + 506 = 78/m ²					19308.0
$\frac{9}{13}$ Cost of 2 layers of typical masonry standard of all					
V.T.M.B.P. - 8 = 2 N+5					
= 9222 = 37/m ²					18445.0
$\frac{10}{22}$ Road masonry with d.p.					
					1380870.0

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
applied floor finish					13.80870
V.T.M.B.P. = 8					
= 62.30 m ²		834	29/m ²		51976
11/22 E/W in ceiling for 2nd floor					
V.T.M.B.P. = 1		15.660 m ²	2.94 = 73/m ²		4615
12/23 Port & misc. floor (1:2:5:5)					
Concrete ...					
V.T.M.B.P. = 1		1.798 m ²			
= 4034 = 04/m ²					7253
13/24 Plain finished cement					
Concrete in sub floor					
V.T.M.B.P. = 1		11.99 m ²			
= 4730 = 07/m ²					56430
14/25 Cement concrete 20 mm					
floor ...					
V.T.M.B.P. = 2		7.5 m	405 = 37/m ²		6790
15/26 Port & lay R.C.C. floor N.B.					
Ground floor					
V.T.M.B.P. = 2		7.5 m			
= 1153 = 68/m ²					8653
					1516587
Area of floor for 2nd floor					197156
					1713743
Area of floor for 1st floor					18875
					1732569
					1732560
					303891
Less 17.54% for 1st floor					1428665
V.T.M.B.P.					
6/9/20					
O.E.					

Continuation