OFFICE OF THE CHIEF ENGINEER (W), CAD, BIKANER

No. F. 3669/CE (W) O-III/1487
Dated: 13.1.2017

OFFICE ORDER

The existing provision under clause 3.08 in the design manual as issued for IGNP Stage-Ii project dated 22.10.1992 is amended and shall be substituted with the following :-

"For patches up to 5 bighas either in an individual square or in more than one square at the tailend, suitable naka and unlined water course will be provided.

In case CCA is more than 5 bighas in one or more than one square at the tail end, suitable naka and lined water course will be provided"

This shall be applicable to all ongoing projects of this organisation.

sd

Chief Engineer (W),
CAD, Bikaner

No. F 3069/CE (W) O-II/1488-1587
Dated: 13.1.2017

Copy submitted / forwarded to the following for information and necessary action please :-

1- Special Assistant to Hon’ble Minister Water Resources Department, Rajasthan, Jaipur
2- P.S to Secretary, CAD and WU Department, Rajasthan, Jaipur.
3- Area Development Commissioner, IGNP, Bikaner.
4- Financial Advisor, CAD, Bikaner.
5- Superintending Engineer.................................. Circle, .....
6- Chief Accounts Officer, O/o the Chief Engineer, CAD, Bikaner.
7- Executive Engineer....................................... Div...
8- Executive Engineer (D&M) / (D-III)
9- CDM, O/o the Chief Engineer, CAD, Bikaner.

CHIEF ENGINEER (W)
OFFICE ORDER

For achieving better stability, the existing standard brick masonry sections I to x of water courses stands revised and modified as shown in the attached drawing. Corresponding details of quantities of different items for the modified brick masonry sections shall be annexed as CHAPTER-II A with the Basic Schedule of Rates for C.A.D. (WEST), Bikaner 2012.

It will not effect the past contract and estimates. This shall be applicable for new contracts / estimate in all ongoing projects.

Enclosed – (i) Modified Drawing

(ii) Chapter –II- A

No.T-

Copy submitted / forwarded to:-
1- Area Development Commissioner, CAD, IGNP, Bikaner.
2- Financial Advisor, CAD, Bikaner.
3- Superintending Engineer, CAD..............Circle,.............
4- Superintending Engineer, WR,.........................
5- Superintending Engineer, F.T. &Q.C. Circle, Suratgarh.
6- Superintending Engineer (A), O/o the CE(W),CAD, Bikaner.
7- Executive Engineer, CAD......................Dn..................
8- Executive Engineer, WR .........................
9- Chief Accounts Officer, O/o the CE(W),CAD, Bikaner.
10- D&M Section / D-III Section / CDM Section, O/o the CE(W),CAD, Bikaner.

CHIEF ENGINEER(W)
MODIFIED SECTIONS (1 to 10) FOR BRICK MASONRY RECTANGULAR
SECTION FOR WATER COURSES

SECTION I
15' x 15'

SECTION II
15' x 15'

SECTION III
15' x 15'

SECTION IV
15' x 15'

SECTION V
23' x 13'

SECTION VI
23' x 13'

SECTION VII
15' x 15'

SECTION VIII
23' x 13'

SECTION IX
3.5' x 1.57'

SECTION X
3.5' x 1.57'

DETAIL OF BED

OFFICE OF THE CHIEF ENGINEER (WATER)
C. R. BRANICK

APPROVED BY

CHIEF ENGINEER
C. R. BRANICK

NOTE:
- FOR SHAPED BRICKS/STONES:
  - SHAKEBRICK PRO
- FOR OTHER
  - DRY MORTAR
  - 1.00 TO 1.99

SHELF SLICE (R)
1.5
OFFICE OF THE CHIEF ENGINEER (W), CAD, BIKANER
No. T- 1522/CE/CDM/1722
Dated- 9.2.2017

OFFICE ORDER

For achieving better stability, the existing standard brick masonry sections I to X of water courses stands revised and modified as shown in the attached drawing. Corresponding details of quantities of different items for the modified brick masonry sections shall be annexed as CHAPTER-II A with the Basic Schedule of Rates for C.A.D. (WEST), Bikaner 2012.

It will not effect the past contract and estimates. This shall be applicable for new contracts / estimate in all ongoing projects.

Enclosed -- (i) Modified Drawing
(ii) Chapter – II- A

Chief Engineer (West),
CAD, Bikaner

No. T- 1522/CE/CDM/1723-48
Dated- 9.2.2017

Copy submitted / forwarded to:-
1- Area Development Commissioner, CAD, IGNP, Bikaner.
2- Financial Advisor, CAD, Bikaner.
3- Superintending Engineer, CAD ..................Circle, ............
4- Superintending Engineer, WR, ........................
5- Superintending Engineer, F.T. & Q.C. Circle, Suratgarh.
6- Superintending Engineer (A), O/o the CE(W), CAD, Bikaner.
7- Executive Engineer, CAD ......................Dn .. .............
8- Executive Engineer, WR ..............................
9- Chief Accounts Officer, O/o the CE(W), CAD, Bikaner.
10- D&M Section / D-III Section / CDM Section, O/o the CE(W), CAD, Bikaner.

CHIEF ENGINEER (W)
OFFICE OF THE CHIEF ENGINEER (W), CAD. BIKANER

No.T-1722 Dated- 9.2.17

OFFICE ORDER

For achieving better stability, the existing standard brick masonry sections I to x of water courses stands revised and modified as shown in the attached drawing. Corresponding details of quantities of different items for the modified brick masonry sections shall be annexed as CHAPTER-II A with the Basic Schedule of Rates for C.A.D. (WEST), Bikaner 2012.

It will not effect the past contract and estimates. This shall be applicable for new contracts / estimate in all ongoing projects.

Enclosed – (i) Modified Drawing

(ii) Chapter -II- A

[Signature]
Chief Engineer (West),
CAD, Bikaner

No.T- 1723- 48

Dated- 9.2.17

Copy submitted / forwarded to:-
1- Area Development Commissioner, CAD, IGNP, Bikaner.
2- Financial Advisor, CAD, Bikaner.
3- Superintending Engineer, CAD..................Circle, .............
4- Superintending Engineer, WR, .........................
5- Superintending Engineer, F.T. &Q.C. Circle, Suratgarh.
6- Superintending Engineer (A), O/o the CE(W),CAD, Bikaner.
7- Executive Engineer, CAD......................Dn.........................
8- Executive Engineer, WR .........................
9- Chief Accounts Officer, O/o the CE(W),CAD, Bikaner.
10- D&M Section / D-III Section / CDM Section, O/o the CE(W),CAD, Bikaner.

[Signature]
CHIEF ENGINEER(W)

MEHNDIRATTA/DESKTOP/CDM/LETTERS-3
संशोधन आदेश

इस कार्यालय के आदेश क्रमांक 1722 दिनांक 09.02.2017 के साथ लगभग Modified Drawing पर नोट में अधिकतर for other project में Bank Width 1.00 मीटर के स्थान पर 0.60 मीटर व साइड रोल 2 के स्थान पर 1.5 पढा जाये।

दिनांक= 16-2-2016

प्रतिलिपि निम्नलिखित को इस कार्यालय के गृहांता पत्रांक 1723-48 दिनांक 09.02.2017 के संदर्भ में सूचनाएं एवं आवश्यक कार्यवाही हेतु प्रस्तुत /प्रेषित है :-

1- आयुक्त, क्षेत्रीय विकास, इंग्लैंड, बीकानेर।
2- अधिकारी अभियंता, सिक्षेयि।
3- अधिकारी अभियंता, मल संसाधन, नोहर / श्रींगानगर।
4- अधिकारी अभियंता, सिक्षेयि, फील्ड टेक्निकल ग्रुप, सुरतगढ़।
5- अधिकारी अभियंता (प्रशासन), कार्यालय हाज़ा।
6- अधिशासिक अभियंता, सिक्षेयि।
7- अधिशासिक अभियंता, मल संसाधन खंड, नॉट्स व इंजीनियर / श्रींगानगर।
8- मुख्य लेखाधिकारी, कार्यालय हाज़ा।
9- अधिशासिक अभियंता (एएनएम) / (डी-III), कार्यालय हाज़ा।
10- विभिन्न वर्गाधिकारी के साथ 03 उप कार्यालय।

मुख्य अभियंता (परिचय),

दिनांक= 16-2-2016

दिनांक= 16-2-2016
OFFICE OF THE CHIEF ENGINEER (W), CAD, BIKANER

Dated 23.02.2017

OFFICE ORDER

For achieving better bonding and to eliminate the possibility of crack development, the typical layout plan for brick masonry in the bed of rectangular section of water course to be adopted, shall henceforth be adopted on all works, as per the attached approved drawing.

This order shall come into force with immediate effect.

Enclosed – Drawing.

Chief Engineer (W),
CAD, Bikaner.

Dated 23.02.2017

Copy to :-
1- Area Development Commissioner, CAD, IGNP, Bikaner.
2- Financial Advisor, CAD, Bikaner.
3- Superintending Engineer, CAD..................Circle............... 
4- Superintending Engineer, WR,............
5- Superintending Engineer, F.T. (V) & Q.C., Suratgarh
6- Superintending Engineer, (Adm.), O/o the CE(W),CAD,BKN.
7- Executive Engineer,CAD,..................Dn......................
8- Executive Engineer, WR............... Dn......................
9- Chief Accts Officer, O/o the CE(W),CAD,BKN.
10- D&M Section / D-III Section / CDM Section, O/o the CE(W),CAD,BKN.

Encl: One

CHIEF ENGINEER(W)
TYPICAL LAYOUT PLAN FOR BRICK MASONARY IN THE BED OF RECTANGULAR SECTION OF WATERCOURSES.

BRICK SIZE
230x110x70 mm

BRICK JOINT IN MORTAR
10 mm THICK

JOINT 10 mm

1310 mm SECTION IX
110 + 10 + 230 + 10 + 110 + 10 + 110 + 16 + 230 + 10 + 110 + 10 + 230 + 1310 mm

1190 mm SECTION XIII
110 + 230 + 10 + 110 + 10 + 110 + 110 + 10 + 230 + 10 + 110 + 10 + 110 = 1190 mm

1070 mm SECTION VII & V
110 + 110 + 10 + 110 + 10 + 230 + 10 + 110 + 10 + 10 + 230 = 1070 mm

950 mm SECTION VI & IV
110 + 110 + 10 + 110 + 10 + 230 + 10 + 110 + 10 + 110 = 950 mm

AEN (D & M IV) EX. ENGINEER III CHIEF ENGINEER (W)
O/O CHIEF ENGINEER (W) O/O CHIEF ENGINEER (W) CAD BIKANER
CAD BIKANER CAD BIKANER