

(1) Number of pages. _____

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MADRAS RECORD OFFICE

Government of Madras

Public Works. DEPARTMENT

G.O. No.	1231	Press
B.P. No.		Mis.
510-511		
Dated	30-4-1873.	

Not to be folded or roughly handled

1 W

*Proceedings of the Madras Government, Public Works Department,
30th April 1873.*

No. 510. Read the following letter from Colonel E. A. FOORD, R. E., Inspecting Engineer for Civil and Military Buildings, to Colonel G. W. WALKER, R. E., Secretary to Government, Public Works Department, dated Salem, 8th April 1873, No. 352:—

IN my letter of the 9th September 1872, No. 116, I recommended that a stone floor of a superior description should be laid in the cistern at the old Infantry Barracks in lieu of brick on edge. Government in their Order of the 25th of November, No. 2,766, remarked that stone had already been disapproved of as a flooring material; but having lately seen the materials that are being collected for the cistern, I am induced to again bring forward my proposal for a stone flooring.

2. The bricks used in the foundation of the cistern walls were supplied by the Commandant of Sappers, but as only a small number could be supplied the foundation was built partly of concrete. The bricks required for the flooring and walls are being made by the District Engineer with assistance given by the Commandant of Sappers, but no bricks have as yet been burned, and the construction of the cistern is likely to be delayed for want of bricks. Moreover, with every care taken in the manufacture, the bricks made at Bangalore are of an inferior kind, there being no suitable soil there.

3. Stone flooring having failed in the Cavalry cistern is no reason why stone flooring of an entirely different description should fail under entirely different circumstances at the cistern now being built. The flooring of the Cavalry cistern was of the kind laid in the barracks. The stones were not accurately dressed and fitted, and were laid on concrete which rested on a considerable thickness of made earth. At the Infantry cistern there is no made earth, the concrete is laid on hard gravel, and the top of the floor will be level with the surface of the ground. The stone slabs proposed to be used are of large size, measuring 26 feet in the upper surface, and they are to be accurately dressed on all sides. The use of stones for flooring will not entail any additional expense, and will allow of the cistern being completed at an earlier date—a point of great importance.

No. 511. ORDER THEREON, 30th April 1873, No. 1,331.

MILITARY WORKS, No. 15.

UNDER the circumstances reported by the Inspecting Engineer for Buildings, His Excellency the Governor in Council sanctions the use of stone paving in the floor of the cistern at the old Infantry Barracks, Bangalore.

(True Extract.)

(Signod) G. W. WALKER, Colonel, R.E.,

Secretary to Government.

To the Inspecting Engineer for Civil and Military Buildings.

" District Engineer, Bangalore.

" Controller of Public Works Accounts.

" Military Department.

Exd. S. T. Austin.

N^o 352

Office of the Inspecting Engineer,
Civil and Military Buildings,
Salem, 8th April 1873.

From

The Inspecting Engineer,
Civil and Military Buildings.

To

The Secretary to Government,
Public Works Department.

Sir,

In my letter of the 9th September 1872
N^o 116, I recommended that a stone floor, of
a superior description, should be laid in the
cistern at the old Infantry Barracks, in lieu
of brick on edge. Government in their Order
of the 25th of November N^o 2766 remarked
that stone had already been disapproved of
as a flooring material, but having lately
seen the materials that are being collected
for the cistern, I am induced to again
bring forward my proposal for a stone floor-
ing.

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of the Cistern Walls were supplied by the
Commandant of Sappers, but as only a
small number could be supplied, the
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bricks required for the flooring and walls
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are being made by the District Engineer with assistance given by the Commandant of Sappers, but no bricks have as yet been burned, and the construction of the Cistern is likely to be delayed for want of bricks. Moreover with every care taken in the manufacture, the bricks made at Bangalore are of an inferior kind, there being no suitable soil there.

3. Stone flooring having failed in the Cavalry Cistern is no reason why stone flooring of an entirely different description should fail under entirely different circumstances at the Cistern now being built. The flooring of the Cavalry Cistern was of the kind laid in the Barracks. The stones were not accurately dressed and fitted, and were laid on concrete which rested on a considerable thickness of made earth. At the Infantry Cistern there is no made earth, the concrete is laid on hard gravel and the top of the floor will be level with the surface of the ground. The stone slabs proposed to be used are of large size, measuring twenty six feet in the upper surface, and they are to be accurately dressed on all sides. The use of stones for flooring will not entail any additional expense and will allow of the Cistern being completed at

at an earlier date - a point of great importance.

I have the honor to be,

Sir,
Your most Obedt Servant.

E a Mrd Col. R. G.,
Inspecting Engineer for
Civil & Military Buildings.

P. M. 1873 September

Stone 2308.

The shape: "complicated"
small & white: "quadrilateral"

To the shape: "to the point"
of the "P. M."

Weight 8.75
Height 9.3 April 1873.

No. 352

Stone again
found in the
ground in a stone
building which stands
in the land in the corner
at the old cemetery
Damascus at
the corner of the
wall.

Under the circumstances mentioned by the
Commissioning Engineer for Buildings, the necessity of
the Governor in Council sanctioning the use of
stone having in the floor of the Court at the
old building, Damascus, Baghdad -
No. 1231
1873-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1040-1041-1042-1043-1044-1045-1046-1047-1048-1049-1050-1051-1052-1053-1054-1055-1056-1057-1058-1059-1060-1061-1062-1063-1064-1065-1066-1067-1068-1069-1070-1071-1072-1073-1074-1075-1076-1077-1078-1079-1080-1081-1082-1083-1084-1085-1086-1087-1088-1089-1090-1091-1092-1093-1094-1095-1096-1097-1098-1099-1100-1101-1102-1103-1104-1105-1106-1107-1108-1109-1110-1111-1112-1113-1114-1115-1116-1117-1118-1119-1120-1121-1122-1123-1124-1125-1126-1127-1128-1129-1130-1131-1132-1133-1134-1135-1136-1137-1138-1139-1140-1141-1142-1143-1144-1145-1146-1147-1148-1149-1150-1151-1152-1153-1154-1155-1156-1157-1158-1159-1160-1161-1162-1163-1164-1165-1166-1167-1168-1169-1170-1171-1172-1173-1174-1175-1176-1177-1178-1179-1180-1181-1182-1183-1184-1185-1186-1187-1188-1189-1190-1191-1192-1193-1194-1195-1196-1197-1198-1199-1200-1201-1202-1203-1204-1205-1206-1207-1208-1209-1210-1211-1212-1213-1214-1215-1216-1217-1218-1219-1220-1221-1222-1223-1224-1225-1226-1227-1228-1229-1230-1231-1232-1233-1234-1235-1236-1237-1238-1239-1240-1241-1242-1243-1244-1245-1246-1247-1248-1249-1250-1251-1252-1253-1254-1255-1256-1257-1258-1259-1260-1261-1262-12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