

EXCAVATION AND GRADINGAPPLICATION OF GENERAL CONDITIONS:

All of the works described herein are subject to the foregoing General Conditions, These General Conditions becoming a part of this Specification and all work shall be carried on in accordance therewith.

WORK INCLUDED:

The general excavations for Building to approximately 24" outside of exterior walls and the grading of sloped approaches to building as shown on plot plan sheet #0 has been done under a previous contract. This contractor shall do all excavating necessary for footings of walls, piers, columns, steps, areas etc., and all underground concrete ducts; he shall do any and all other excavating, back filling and grading necessary for entire building, and he shall furnish and lay all sub-soil drain tiles, all as shown or required to complete the entire work in accordance with the drawings and Specifications.

EXCAVATING:

Do all excavating necessary for footings, walls, piers, areas, concrete ducts, etc., and any and all other excavating not specifically mentioned but necessary to complete the entire building including terraces, steps etc., all as shown on the drawings and specified. In excavating for footings be very careful not to dig below grade shown as no filling under footings or walls shall be permitted, and leave surfaces true, smooth and solid.

FILLING AND BACKFILLING:

Do all filling shown, described or, necessary to bring all surfaces to grades shown, including backfilling with clay soil taken from footings excavation, against both sides of all footings and interior walls, around all piers, columns, etc., wetting or tamping the earth in layers not over 10" thick until all is thoroughly packed and settled.

Backfill against exterior walls of building, terrace etc., with dirt left close by for that purpose.

Backfilling against all exterior walls from top of footing to 4" below finished grade shall be coarse gravel 8" in thickness.

GRADING:

This contractor shall do all grading required to complete all work as shown or described on drawings or in the Specifications. Do necessary grading around building for a distance of approximately 8 feet from exterior walls of building and terraces, where previous contractor has finished his grading work, sloping dirt away from building, to follow grades established and do any necessary grading to bring grade to proper levels for concrete floor.

POSSIBLE SETTLEMENT, ETC.,:

If in the estimation of the contractor or architect, there will be any settlement in the contractor's work, the contractor shall make due allowance for same.

All work under this contract shall be done in a way and at a time to suit the progress of the construction of different parts of bldg. so as to facilitate the pouring of concrete or the

16.
placing of any other work.

SUB-SOIL DRAINS:

All exterior walls of main building including areas and all the exterior walls of terraces shall have sub-soil drain pipes laid at footings height all as shown and directed.

Lay with uniform fall the porous drain tile and connect same to sewer as shown, with all necessary V's elbows and other connections.

All the porous tiles shall be laid on the earth and surrounded with at least 6" of coarse, clean gravel and to have a 2" strip of tarred felt laid loosely over each joint.

PROTECTION OF EXCAVATION, ETC.:

This contractor shall protect all excavation during the construction and completion of foundations walls, including all contingencies which may arise, assuming full responsibility for this work. He shall furnish and operate pumps if necessary to keep excavation and foundation free from water and in a safe condition, and he shall be responsible for any damage caused by cave-in through insufficient shoring or otherwise.

This contractor shall do all shoring and sheet piling necessary to protect the streets or grounds surrounding the excavation, including pipes, conduits, poles, etc., exposed by this work, so placing the timbering as to avoid interference with the work of construction.

Timbering shall be removed as backfilling is done, except where found specially difficult to care for the materials retained by the sheathing, in which case the planking may remain; but no timber shall be built into any portion of the structure.