



MOISTURE PROTECTION & SURFACE DRAINAGE NOTES:

- MINIMUM SLOPE SHALL BE 3 PERCENT IN LANDSCAPE AREAS AND 1-1/2 PERCENT IN PAVEMENT AREAS; FOR A MINIMUM OF 5 FEET FROM THE STRUCTURES.
- DOWN SPOUTS FROM ROOF DRAINS SHALL DISCHARGE A MINIMUM DISTANCE OF 3 FEET FROM THE EXTREME BUILDING WALL. IN NO CASE SHALL DOWNSPOUTS FROM ROOF DRAINS DISCHARGE INTO PLANTER AREAS IMMEDIATELY ADJACENT TO THE BUILDINGS UNLESS THERE IS POSITIVE DRAINAGE AWAY FROM THE STRUCTURE AND THE DRAIN DISCHARGES AT LEAST 5 FEET AWAY FROM THE STRUCTURE.
- LANDSCAPE TREES AND PLANTS WITH HIGH WATER NEEDS SHALL BE PLANTED AT LEAST 5 FEET AWAY FROM THE EXTERIOR OF THE STRUCTURE.
- ALL UTILITY TRENCHES WITHIN THE PAD AND EXTENDING 5 FEET BEYOND THE STRUCTURE FOOTINGS SHALL BE BACK FILLED WITH STRUCTURAL FILL CONSISTING OF ON-SITE OR SIMILAR SOILS. THE BACK FILL SHALL BE COMPACTED TO AT LEAST 90 PERCENT OF THE MAXIMUM LABORATORY DRY DENSITY (ASTM D-1557).
- SPECIAL CARE SHOULD BE TAKEN DURING INSTALLATION OF SUB-FLOOR SEWER AND WATER LINES TO REDUCE THE POSSIBILITY OF FUTURE SUB-SOIL SATURATION WHICH COULD CAUSE FOOTINGS TO SETTLE.
- MOISTURE PROTECTION AND A SALT MIGRATION BARRIER SHOULD BE PROVIDED BY POLYETHYLENE MEMBRANE. THE MEMBRANE MAY OVERLIE OR UNDERLIE THE COMPACTED GRAVEL LAYER. IF IT OVERLIES THE GRAVEL, THE MEMBRANE SHALL BE AT LEAST 6 MIL IN THICKNESS AND IT MUST BE COVERED BY AT LEAST 2 INCHES OF SAND OR TYPE II AGGREGATE BASE. IF THE MEMBRANE UNDERLIES THE GRAVEL LAYER IT SHALL BE AT LEAST 8 MIL IN THICKNESS.

1 FOUNDATION PLAN

SCALE- 3/16"=1'-0" FILE- HUD-SI

GENERAL NOTES:

- TYPICAL FOUNDATION SLAB:
4" CONC. SLAB W/6x6 10/10 W.W.F. OVER 2" SAND OVER 6 MIL VISQUEEN OVER 6" TYPE II GRAVEL OVER COMPACTED EARTH
- PROVIDE CONTROL JOINTS @ 20' SQUARES MAX. FOR SLABS
- PROVIDE CONTROL JOINTS @ 5' O.C. @ ALL FLATWORK WALKS
- SEE DETAIL SHEET S-2 FOR FOOTING DETAILS
- CONC. SHALL HAVE MIN. COMP. STRENGTH OF 2500 P.S.I. @ 28 DAY YIELD
- SOIL BEARING ASSUMED @ 1500 P.S.I.
- TOP OF FND. SHALL BE MIN. 8" ABOVE FIN. GRADE @ ALL POINTS- FIN. GRADE SHALL SLOPE AWAY FROM HOUSE @ MIN. 1/2" PER FOOT FOR MIN. 10'-0"
- ALL FOOTINGS SHALL BEAR MIN. 12" BELOW FROST LINE. CONTRACTOR TO VERIFY FROST & SOIL CONDITIONS PRIOR TO FOUNDATION CONSTRUCTION & ADJ. IN FIELD

| CONTINUOUS/PIER FOOTING (WF) SCHEDULE | | | | |
|---------------------------------------|------|------------|-----------|--------------|
| DETAIL NUMBER | MARK | DIMENSIONS | | DEPTH |
| | | THK. | WIDTH | |
| #1/SHEET S-2 | F1 | 12" | 24" CONT. | 3- #4 CONT. |
| #1/SHEET S-2 | F2 | 12" | 48" SQ. | 5- #5 |
| #2/SHEET S-2 | F3 | 18" | 16" CONT. | 2- #4 CONT. |
| #2/SHEET S-2 | F4 | 12" | 12" CONT. | 2- #4 CONT. |
| #3/SHEET S-2 | F5 | 18" | 48" SQ. | 5- #5 @ BTM. |
| #3/SHEET S-2 | F6 | 15" | 42" SQ. | 4- #5 @ BTM. |
| #3/SHEET S-2 | F7 | 12" | 36" SQ. | 4- #4 @ BTM. |
| #3/SHEET S-2 | F8 | 8" | 12" SQ. | 1- #4 @ BTM. |
| #4/SHEET S-2 | F9 | 12" | 12" CONT. | 2- #4 CONT. |
| #4/SHEET S-2 | F10 | 18" | 12" CONT. | 2- #4 CONT. |
| #8/SHEET S-2 | F11 | 12" | 24" CONT. | 3- #4 CONT. |
| #11/SHEET S-2 | F12 | 12" | 24" CONT. | 3- #4 CONT. |

THK.

WIDTH

GRADE LINE

FOR CONTINUOUS FOOTINGS, USE LONGITUDINAL REINF.

LONGITUDINAL REINFORCING

TRANSVERSE REINFORCING

3"

CLR

NOTE: ALL FTNGS. SHALL EXTEND FULL DEPTH BELOW FROST LINE

JOB #

100-01

FILE

100-01

DRAWN

DSA

SHEET #

1

FOUNDATION PLAN

S-1

| REVISION | DATE | BY |
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CUSTOM HOME FOR THE HUDDLESTONS

DO NOT SCALE DRAWINGS

ALL WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. VERIFY ALL DIMENSIONS PRIOR TO START OF CONSTRUCTION. NOTIFY THE ARCHITECT OF ANY DIMENSIONAL DISCREP.

THE HUDDLESTONS

CEDAR CITY

UTAH

D. SHANE AVERY

DRAWN - DRAFTSMAN - TRADESMAN

"At Your Service"

457-1484

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