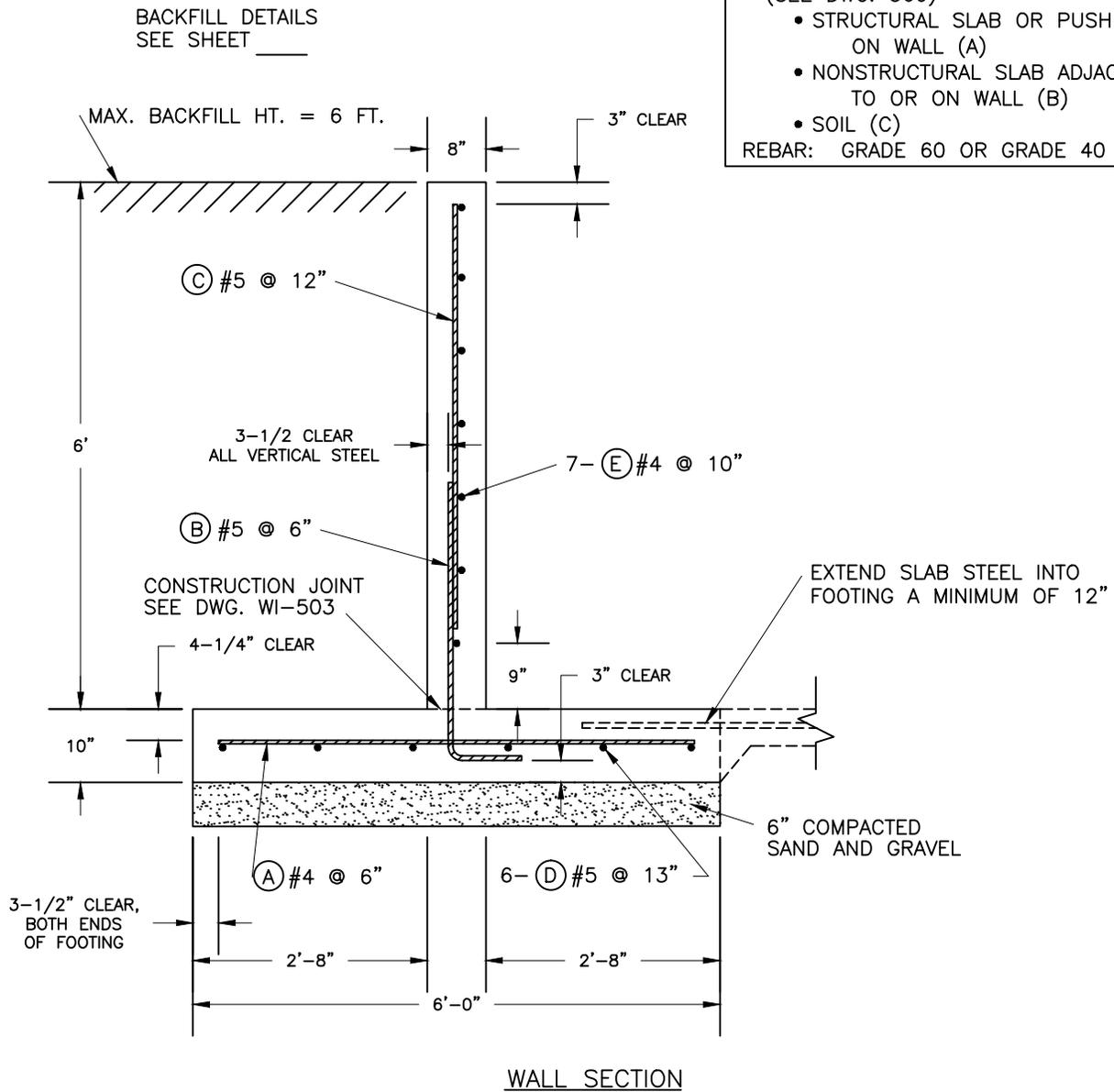


CONDITIONS OF USE

BACKFILL: 0 TO 6 FEET
 LESS THAN 50% FINES ONLY
 MACHINERY LOADING CONDITIONS ALLOWED:
 (SEE DWG. 560)

- STRUCTURAL SLAB OR PUSH-OFF ON WALL (A)
- NONSTRUCTURAL SLAB ADJACENT TO OR ON WALL (B)
- SOIL (C)

REBAR: GRADE 60 OR GRADE 40



MATERIALS

CONCRETE & REBAR: WI CONST SPEC 4
 SAND/GRAVEL: WI CONST SPEC 4
 BACKFILL: WI CONST SPEC 204
 BACKFILL SOURCE:
 _____ EXCAVATION OF WALL AREA
 _____ BORROW SITE
 _____ IMPORTED MATERIALS

LINEAL FEET OF WALL _____



United States
 Department of
 Agriculture

Natural Resources
 Conservation Service

6 FOOT TEE WALL

CLIENT: _____
 COUNTY: _____

Designed _____
 Drawn _____
 Checked _____
 Approved _____

Date _____
 File Name
 WI-563
 Date
 07/14
 Sheet of _____

DESIGN VALUES

EARTH BACKFILL: 60 PSF/FT, EQUIVALENT FLUID PRESSURE
 110 PCF (SOIL WEIGHT) AND <50% FINES
 MANURE: 65 PSF/FT, EQUIVALENT FLUID PRESSURE
 MACHINERY LOADING: 120 PSF EQUIVALENT FLUID PRESSURE
 REPRESENTING MACHINERY ON SOIL
 ULTIMATE STRENGTH DESIGN (ACI 318-99)
 CONCRETE STRENGTH: 3,500 PSI REBAR: GRADE 60 OR 40
 COEFF. FRICTION (SOIL/CONCRETE) = 0.5
 MINIMUM SLIDING FACTOR OF SAFETY = 1.5
 WALL SLIDING RESTRAINT REQUIRED
 MINIMUM OVERTURNING FACTOR OF SAFETY = 2.0
 MIN. ALLOWABLE SUBGRADE BEARING CAPACITY = 2000 PSF
 VERTICAL WALL LOAD FOR SLABS BEARING ON WALL OR
 PUSHOFFS = 1000 LBS./FT.
 NOT DESIGNED TO SUPPORT BUILDINGS OR ROOFS

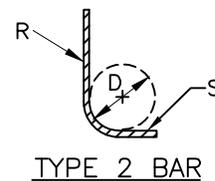
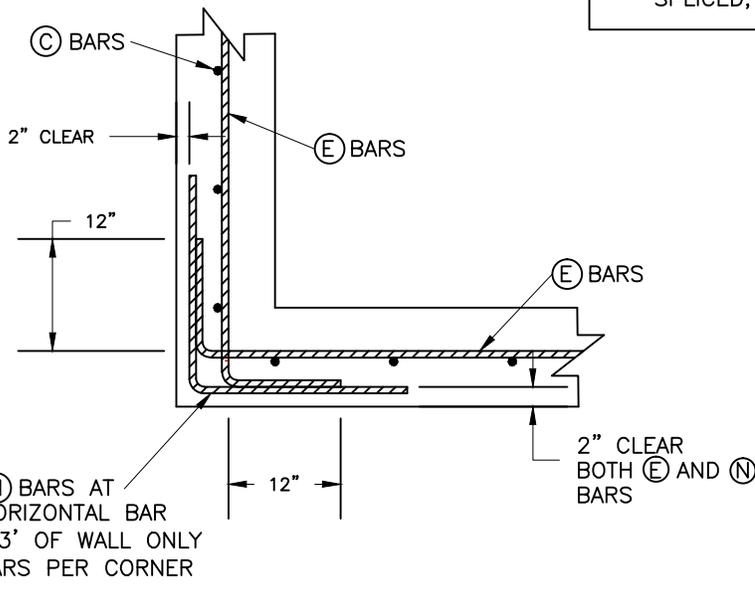
STEEL SCHEDULE (GRADE 60)

MARK	SIZE	TYPE	R	S	LENGTH
A	#4	STR	---	---	5'-5"
B	#5	2	3'-2"	10"	4'-0"
C	#5	STR	---	---	4'-10"
D	#5	STR	---	---	
E	#4	STR	---	---	
N	#4	2	2'-0"	2'-0"	4'-0"

STEEL DETAILS

BAR SIZE	BEND DIAMETER (D) INCHES	SPLICE LENGTH INCHES (MIN.) *
#4	3	16
#5	3-3/4	20

* IF TWO BARS OF DIFFERENT DIAMETER ARE SPLICED, USE THE LONGER SPLICE LENGTH.



CORNER BAR SCHEMATIC
 PLAN VIEW - TOP 3 FEET
 OF WALL SHOWN

CORNER NOTES

1. PLACE FIRST VERTICAL BAR AT WALL CORNER OR NO FURTHER THAN ONE-HALF BAR SPACING FROM THE INSIDE CORNER.
2. HOOK CAN BE SEPARATE FROM (E) BARS, PROVIDED THAT MINIMUM LAP SPLICE OF 16" FOR #4 BARS IS MET.
3. SEE WALL SECTION FOR EXACT LOCATIONS OF (C) AND (E) BARS.