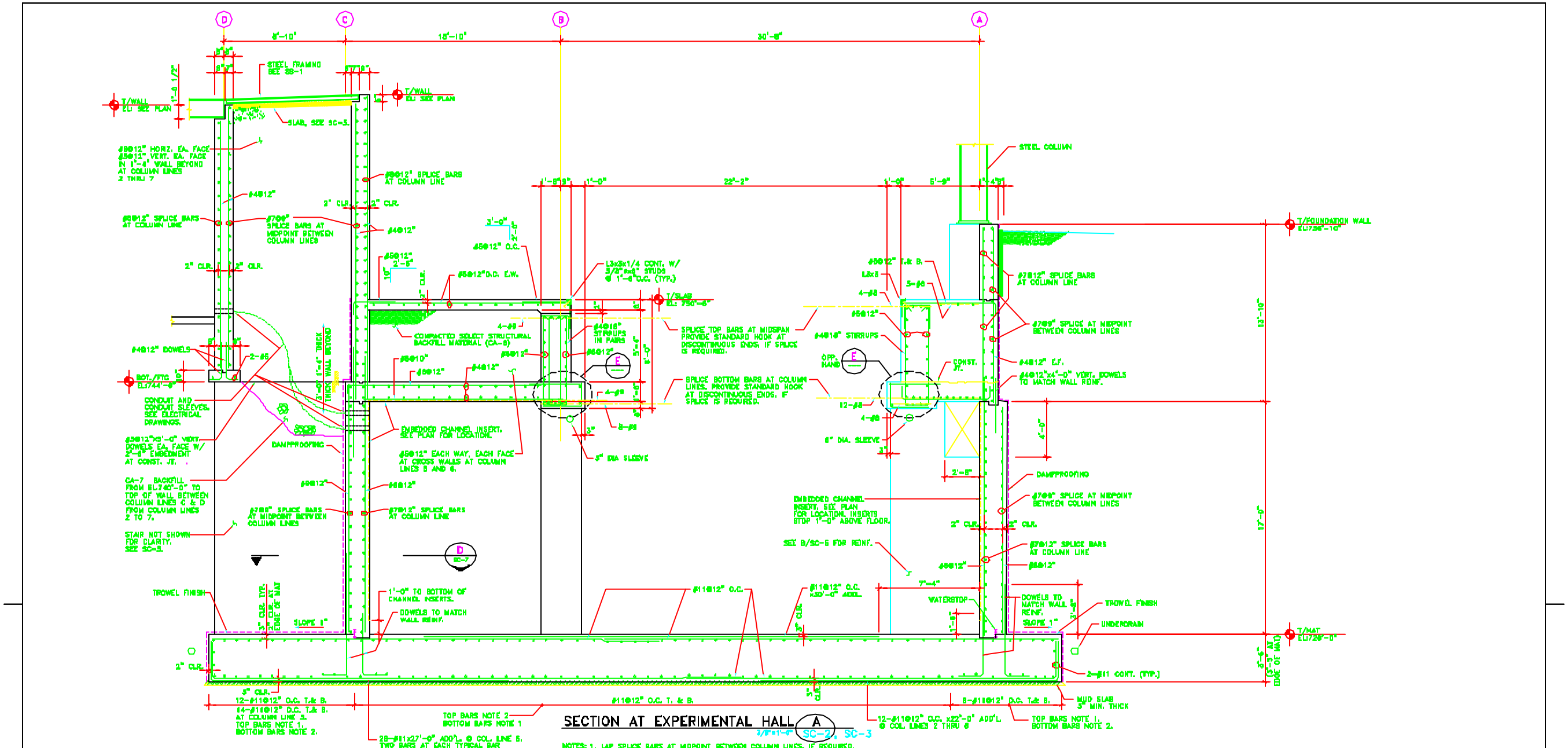
SECTION AT EXPERIMENTAL HALL
A
SC-2, SC-3
NOTES: 1. LAP SPLICE BARS AT MIDPOINT BETWEEN COLUMN LINES, IF REQUIRED.
2. LAP SPLICE BARS AT COLUMN LINE, IF REQUIRED.
T/WALL EL. SEE PLAN
T/WALL EL. SEE PLAN
T/SLAB EL. 750'-6"
T/FOUNDATION WALL EL.756'-10"
T/MAT EL.729'-0"
BOT./FTG. EL.744'-6"
STEEL FRAMING SEE SS-1
SLAB, SEE SC-5.
STEEL COLUMN
MUD SLAB 3" MIN. THICK
2-#11 CONT. (TYP.)
TROWEL FINISH
UNDERDRAIN
DAMPPROOFING
WATERSTOP
SLOPE 1"
SPLICE TOP BARS AT MIDSPAN PROVIDE STANDARD HOOK AT DISCONTINUOUS ENDS. IF SPLICE IS REQUIRED.
SPLICE BOTTOM BARS AT COLUMN LINES. PROVIDE STANDARD HOOK AT DISCONTINUOUS ENDS. IF SPLICE IS REQUIRED.
COMPACTED SELECT STRUCTURAL BACKFILL MATERIAL (CA-6)
EMBEDDED CHANNEL INSERT, SEE PLAN FOR LOCATION.
EMBEDDED CHANNEL INSERT, SEE PLAN FOR LOCATION. INSERTS STOP 1'-0" ABOVE FLOOR.
SEE B/SC-5 FOR REINF.
CONDUIT AND CONDUIT SLEEVES, SEE ELECTRICAL DRAWINGS.
CA-7 BACKFILL FROM EL.740'-0" TO TOP OF WALL BETWEEN COLUMN LINES C & D FROM COLUMN LINES 2 TO 7.
STAIR NOT SHOWN FOR CLARITY. SEE SC-3.
1'-0" TO BOTTOM OF CHANNEL INSERTS.
DOWELS TO MATCH WALL REINF.
TOP BARS NOTE 2
BOTTOM BARS NOTE 1
TOP BARS NOTE 1.
BOTTOM BARS NOTE 2.
12-#11@12" O.C. T.& B.
14-#11@12" O.C. T.& B. AT COLUMN LINE 5. TOP BARS NOTE 1. BOTTOM BARS NOTE 2.
28-#11x27'-0" ADD'L. @ COL. LINE 5. TWO BARS AT EACH TYPICAL BAR SPACING FOR 4" SPACING.
#11@12" O.C. T. & B.
8-#11@12" O.C. T.& B.
12-#11@12" O.C. x22'-0" ADD'L. @ COL. LINES 2 THRU 6
TOP BARS NOTE 1. BOTTOM BARS NOTE 2.
SECTION B SC-5
SECTION C SC-5
SECTION D SC-5
SECTION F SC-5
DETAIL E
T/LEDGE EL.742'-6"
T/COUNTERFORT EL.749'-6"
T/WALL EL. SEE PLAN
AS SHOWN AT COLUMN LINES 2 THRU 4 BIN. AT COLUMN LINES 5 THRU 7
COLUMN LINES 2 THRU 7
SPLICE LOCATION FOR HORIZONTAL WALL REINF. PLACED AT COLUMN LINE. BEGIN SPLICE 2'-0" FROM COLUMN LINE.
COLUMN LINES 2 THRU 5 BIN AT COL LINE 7
27-#10 TYP 10-#10 AT COL LINE 7
FOR REINFORCING SEE SECTION A.
L8x4x3/4 CONT.
WELD TO E
KNIGHT
Knight Architects Engineers Planners, Inc.
540 West Randolph Street
Chicago, IL 60661
FERMI NATIONAL ACCELERATOR LABORATORY
UNITED STATES DEPARTMENT OF ENERGY
KTeV EXPERIMENTAL AREA
CONCRETE SECTIONS - SHT. 1
DRAWING No. 8-6-3
SC-4
SCALE: 1/4"=1'-0"
DISCIPLINE REVIEW A. TITUS 1/28/94
DIRECTOR REVIEW A. TITUS S. DIXON 1/28/94
SBP APPROVAL E. CRUMPLEY 1/28/94
FCM APPROVAL W. NESTANDER 1/28/94
SUBMITTED C. BOCK 1/28/94
NAME DATE
No. Date Previous Issue Description By
DATE/Time: 01/28/94 13:31:48 User: BCS Filename: EN\SEND-TO-EN\VSFSSC-4