NOTES:

1) FLOOR DECK SHALL BE LIGHTWEIGHT CONCRETE W/1 LAYER OF 6X6-W1.4 X W1.4 W.W.F. OR 2 LAYERS OF 12X12-W1.4 X W1.4 W.W.F. ON 3" COMPOSITE FLOOR DECK (SEE SPECIFICATIONS). GAUGE SHALL BE AS NOTED ON PLANS AND ALL 22 GAUGE DECK SHALL BE 33 KSI AND ALL 16 GAUGE DECK SHALL BE 40 KSI, U.N.O. DECK SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S PRINTED INSTRUCTIONS, AND SHALL BE UNSHORED.
2) ALL COLUMNS BELOW LEVEL 3 SHOWN THUS: ● SHALL BE TS 4x2x1/4 FY=46 KSI, U.N.O.
3) ALL COLUMNS BELOW LEVEL 3 SHOWN THUS: ◉ SHALL BE TS 3x3x3/16 FY=46 KSI, U.N.O.
4) ALL COLUMNS BELOW LEVEL 3 SHOWN THUS: ✕ SHALL BE TS 3x3x1/4 FY=46 KSI, U.N.O.
5) SEE SHEET 7-17 FOR COMPACTOR FRAME FRAMING PLAN ABOVE LEVEL 3.
6) DIAGONAL BRACING SHOWN THUS (---) SEE DETAILS ON SHEET 7-18.
7) LONG AXIS OF ALL COLUMNS AND BASE PLATES SHALL BE IN THE EAST/WEST DIRECTION, EXCEPT FOR COLUMNS MARKED THUS: † SHALL BE IN THE NORTH/SOUTH DIRECTION.
8) (*) PROVIDE #5 @ 12" O.C. X 28'-0" LONG TOP BARS - SEE SECTION 9 ON SHEET 7-19.
9) SEE DETAIL 7 ON SHEET 7-19 FOR TYPICAL CONSTRUCTION JOINT DETAIL.
10) SEE DETAIL 8 ON SHEET 7-19 FOR TYPICAL CONTROL JOINT.
11) AT ALL BEAM LINES, #4 @ 24" O.C. TOP BARS X 4'-0" LONG SHALL BE PROVIDED - SEE SECTION 7 ON SHEET 7-19.
12) THE NUMBER OF 3/4"Ø SHEAR STUDS REQUIRED ON A BEAM SHALL BE SHOWN THUS: [XX] AT ALL BEAMS REQUIRING SHEAR CONNECTORS. STUDS SHALL BE SPACED UNIFORMLY ALONG THE BEAM.
13) THE STEEL POST LINE AT WEST SIDE OF MAIN ACCESS AISLE SHALL BE THE CONTROL BASE LINE IN THE EAST/WEST DIRECTION. STEEL POSTS WEST OF THE ABOVE BASE LINE SHALL BE LAID OUT AND CONTRACTOR MUST VERIFY THAT THE MINIMUM DISTANCE IN SECTION 13 ON SHEET 7-19 IS SATISFIED. IF MINIMUM DIMENSIONS CANNOT BE OBTAINED, CONTACT THE CONTRACTING OFFICER'S REPRESENTATIVE.

    THE STEEL POST LINE NEXT TO THE SOUTH WALL SHALL BE THE CONTROL BASE LINE FOR THE NORTH/SOUTH DIRECTION. CONTRACTOR SHALL LAY OUT THE STEEL POSTS FROM THE ABOVE BASE LINE TO THE NORTH WALL AND SHALL VERIFY THAT ALL STORAGE CABINET UNITS AND AISLE WIDTHS SHOWN CAN BE OBTAINED.
14) CONTRACTOR TO PLUG ALL HOLES AND GAPS IN THE DECK BEFORE CONCRETE POUR.
15) PROVIDE A 2½" X 2½" X 5 1/2" SLEEVE THROUGH THE THIRD LEVEL COMPOSITE SLAB AT ALL STEEL COLUMNS LOCATED ADJACENT TO AISLES IN THE NORTH/SOUTH DIRECTION AND AT ALL STEEL COLUMNS ADJACENT TO WEST WALL. SEE SECTION 13 ON SHEET 7-20.
16) CUT DECK AROUND ALL EXISTING PIPES, CONDUITS, ETC. AT WALLS AND PROVIDE A NEATLY FORMED SHEET METAL CLOSURE.

COMPOSITE DECK CONSTRUCTION AND CONTROL JOINT NOTES

1. CONSTRUCTION JOINTS IN COMPOSITE DECK TO BE OVER STEEL BEAM LINES AND SHALL EXTEND ACROSS THE ENTIRE POD IN THE E/W DIRECTION.
2. MAXIMUM POUR SHALL NOT EXCEED 5000 FT^2 OF SURFACE AREA.
3. CONTROL JOINTS IN THE EAST/WEST DIRECTION SHALL BE PLACED OVER ALTERNATE STEEL BEAM LINES AND SHALL EXTEND ACROSS THE ENTIRE POD.
4. CONTROL JOINTS IN THE NORTH/SOUTH DIRECTION SHALL BE SPACED AT 25'-0" CENTER TO CENTER MAXIMUM AND SHALL BE COORDINATED TO BE LOCATED AT BREAKS IN THE FLOOR PLATES. CONTROL JOINTS IN THE NORTH/SOUTH DIRECTION SHALL BE LOCATED TO AVOID NORTH/SOUTH AISLES.
5. CONTRACTOR TO SUBMIT PROPOSED CONTROL JOINT LAYOUT AND OBTAIN APPROVAL FROM CONTRACTING OFFICERS REPRESENTATIVE BEFORE CONSTRUCTION BEGINS.

REFER TO ARCHITECTURAL DRAWINGS FOR STORAGE COMPONENT LAYOUT. STORAGE COMPONENTS ARE NOT A PART OF THIS CONTRACT.

UNLESS NOTED OTHERWISE, MINIMUM VERTICAL CLEARANCE OF 7'-0" MUST BE MAINTAINED.

COMPACTOR FRAMES, CANTILEVERED SHELVING, AND CABINETS ARE NOT A PART OF THIS CONTRACT.

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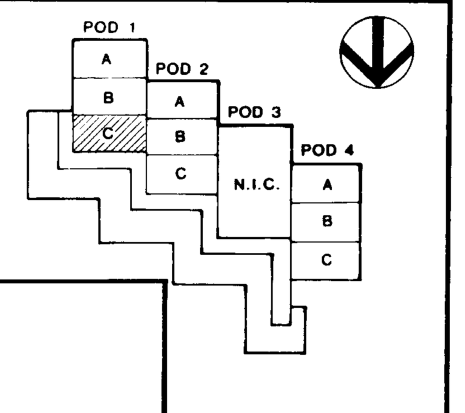
"USE OF THIS DRAWING AS A BASE SHEET FOR SHOP OR ERECTION DRAWINGS IS ILLEGAL."
PROJECT NO. 87092

CAUTION:
DRAWINGS MAY BE REDUCED

GRAPHIC SCALE 1/4" : 1'-0"



KEY PLAN

METCALF & ASSOC./ KCF — Architects
Mueller Assoc., Inc. — M/E Engineer
Cagley & Assoc., Inc. — Structural Engineer

Approved	Arch.	Struct	Mech.	Elect.

GENERAL SERVICES ADMINISTRATION
PUBLIC BUILDINGS SERVICE WASH., DC

BUILDING	Name	SI MUSEUM SUPPORT CENTER
	Address	Street: SILVER HILL ROAD
		City SUITLAND State: MD
	Number	MD 0153ZZ
PROJECT	Description	MUSEUM SUPPORT CENTER STORAGE SYSTEM REPROCUREMENT
	Number	RMD 38074
DRAWING	Drawn By / Ckd By / Date	6/9/88
	Title	POD 1 LEVEL 3 SECTION C
	Type	
	Number	7 (Type) / Series / 6 (Sequence)
A-E Construction	Contract Number	GS 11B 99021