

ISO 29481-3:2022-09 (E)

Building information models - Information delivery manual - Part 3: Data schema

Contents		Page
Foreword		v
Introduction		vi
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Overview of the IDM schema	2
4.1	Naming convention	2
4.2	Restriction notation	2
4.3	Overall structure of the IDM schema	3
5	Information delivery manual	5
6	Specification identifier (specId)	6
7	Authoring	7
7.1	General	7
7.2	Change log	9
7.3	Author	9
7.4	Committee	10
7.5	Publisher	10
8	Use case	11
8.1	General	11
8.2	Summary	13
8.3	Aim and scope	13
8.4	Use	13
8.5	Standard project phase	13
8.6	Local project phase	14
8.7	Region	14
8.8	Construction entity	15
8.9	Business rule	15
8.10	Actor	16
8.11	Benefits	16
8.12	Limitations	16
8.13	Required resources	16
8.14	Required competencies	17
8.15	Reference	17
8.16	User-defined property	17
8.17	Classification	18
8.18	Outcomes	18
8.19	Information requirements	18
8.20	Description	19
8.21	Image	19
9	Business context map	19
9.1	General	19
9.2	Process map	21

9.2.1	General	21
9.2.2	Data object and ER	21
9.3	Interaction map	21
9.3.1	General	21
9.3.2	Transaction map	21
9.4	Diagram	22
10	Exchange requirement	22
10.1	General	22
10.2	Information unit	24
10.2.1	General	24
10.2.2	Examples	25
10.2.3	Corresponding external element	25
10.3	Constraint	25
10.4	Corresponding MVD	26
11	IDM code generation rules	26
Annex A (informative)TheidmXMLschemadefinition(idmXSD)		28
Annex B (informative)IDMspecificationstages		29
Bibliography		30