CONSULTANT POINT NUMBER SQUENCE FOR SURVEYING AND GEOPAK PROJECTS

These numbers should not be confused with actual <u>POINT CODES</u>

Example: Consultant firm name is Dabuno Surveying Consultants
Point numbering prefix would be <u>DAB</u>

Point Number Range	Note
DAB1 - DAB99	Horizontal Control Points (Traverse Points; Centerline Control Points (pot's and poc's))
DAB100 - DAB199	Survey Work Point (Control Points to do Topo with)
DAB200 - DAB399	Curve Control Points (see Example 1 below)
DAB400 - DAB499	Benchmarks and Vertical Control Points
DAB500 - DAB699	Physical Tie Points (Reference and Swing Ties)
DAB700 - DAB999	Apparent Existing Property and Land Section Points
DAB1001 – DAB1999	Use to reflect the same sequencing when the initial group of numbers is exceeded (see Example 2 below)
DAB 2000 – DAB40000	Requested Data Points (Topo and Cross Section Shots)

Consultant Point Number Prefixes	
ALA	Arnold Lundgren & Associates
AMT	Ament
ASC	American Surveying Consultants
APX	Apex
ART	Artisan
BMD	Burns & McDonnell
DYN	Dynasty group
FGA	Fehr-Graham
GEC	Gasperec Elberts Consulting
HAM	Hamilton Consulting Engineers
HLR	Hampton, Lenzini & Renwick
HAN	Hanson

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IM	IMEG
LIN	Linn Enginnering
MCL	McClure Engineering
MEA	Midwest Engineering Associates
MLA	Millennia Prof. Services
MM	Missman Inc
QG	Quigg Engineering
WES	Wendler Engineering & Surveying
WHA	Willett Hoffman & Associates

NOTE: If your consulting firm name is not listed above, contact District 2's Chief of Surveys for a point number prefix.

CURVE CONTROL POINTS

Example 1	
1st Curve in Alignment Curve Name 200	200 = P.I.
	201 = Radius point or center of circle
	202 = P.C.
	203 = P.T.
2nd Curve in Alignment Curve Name 210	210 = P.I.
	211 = Radius point or center of circle
	212 = P.C.
	213 = P.T.

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Example 2	
21st Curve in Alignment Curve Name 1200	1200 = P.I.
	1201 = Radius point or center of circle
	1202 = P.C.
	1203 = P.T.
22nd Curve in Alignment Curve Name 1210	1210 = P.I.
	1211 = Radius point or center of circle
	1212 = P.C.
	1213 = P.T.

CONSULTANT SURVEY FILES NAMING CONVENTION

Survey File Naming Examples #1	
Example: Project Number 64G21	
File Extensions shall be ".3d" for 3D files and ".dgn" for 2D files	The GPK file shall contain the middle three characters in its name. ie: jobG21.gpk
Z64G21.3d	Consultant Survey 3d file
Z64G21Control.dgn	Consultant Survey Control file
Z64G21-topo.dgn	Consultant Topography plan of project area
Z64G21.tin	Consultant Survey Tin file
Z64G21Control.asc	Consultant Survey Control Ascii Point Text file
Z64G21A.asc Z64G21B.asc Z64G21C.asc etc.	Consultant Survey Daily Ascii Points Text file
Z64G21AA.asc Z64G21AB.asc Z64G21AC.asc etc.	Consultant Additional Topo Files
ZL64G21A ZL64G21B ZL64G21C etc.	Consultant Level Files
ZU64G21A.asc ZU64G21B.asc ZU64G21C.asc etc.	Consultant S.U.E. Files

Survey File Naming Examples #2	
Example: Project Number P-92-001-21 or D-92-001-21	
File Extensions shall be ".3d" for 3D files and ".dgn" for 2D files	The GPK file shall contain the middle three characters in its name. ie: job001.gpk
Z00121.3d	Consultant Survey 3d file
Z00121Control.dgn	Consultant Survey Control file
Z00121-topo.dgn	Consultant Topography plan of project area
Z00121.tin	Consultant Survey Tin file
Z00121Control.asc	Consultant Survey Control Ascii Point Text file
Z00121A.asc Z00121B.asc Z00121C.asc etc.	Consultant Survey Daily Ascii Points Text file
Z00121AA.asc Z00121AB.asc Z00121AC.asc etc.	Consultant Additional Topo Files
ZL00121A ZL00121B ZL00121C etc.	Consultant Level Files
ZU00121A.asc ZU00121B.asc ZU00121C.asc etc.	Consultant S.U.E. Files

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