

**Feature Class: cxt\_pl****Alias:** Context (polyline)**Description:** Feature class representing elements from excavated contexts (stratigraphic units) that, because of planning conventions, are better represented as lines. This includes things like context extent, hachures indicating change in slope, vertical edges, etc.

<b>Field Name</b>	<b>Alias</b>	<b>Description</b>
<i>OBJECTID</i>	<i>OBJECTID</i>	<i>Auto-generated unique id for each record.</i>
<i>SHAPE</i>	<i>SHAPE</i>	<i>Auto-generated description of geometry (contains spatial reference, geometry type, etc)</i>
<i>Created</i>	<i>Date Created</i>	<i>Auto-generated timestamp of feature/row creation.</i>
<i>ModifiedLast</i>	<i>Modified Last</i>	<i>Auto-generated timestamp for last edit per feature/row.</i>
<i>ModifiedBy</i>	<i>User</i>	<i>NOT IN USE. Auto-generated username from system login.</i>
cxt_cd*	Context Code	Use full context code (all caps). 8888 is flag for 'verify context code'
cxt_num*	Context Number	Short form for (cumbersome) context code for labeling, querying, etc.
symbol*	Symbology	Used for matching with custom symbology. Uses domain 'Lines'.
final_plan*	Include in State Plan?	To designate whether feature should appear on the state plan (a definition query can then be used to make only the features where this attribute = Yes). Uses domain 'State Plan'.
status	Status	Useful in case you want to be able to show a feature that has been removed on the final plan (e.g. in a different color). Uses domain 'Status': removed (for walls or other important features that have been removed (but we don't want to delete the digital record of their existence)), N/A (most excavated contexts will receive this status, as they are not part of the final plan anyway), reburied (e.g. in conservation/backfilling) destroyed prior to excavation (????)
source*	Source	Try to specify plan code or geophoto code if possible. CH04 data was attributed more generally (1:20 plan, 1:50 plan, GPH) – can be changed to specific source where/if it's clear, but is too time consuming to go back and recreate this for all 2004 data.
mod_by*	Modified By	Used also for 'created by', but if you've made major changes to a feature and/or its attributes, change it to reflect this. Uses domain 'People'.
comments	Comments	Use for any extraneous comments – especially for notes/flagging for accuracy checking.
SHAPE_Length	SHAPE_Length	Auto-generated field describing feature length.

**Feature Class:** cxt\_pg

**Alias:** Context (polygon)

**Description:** Feature class representing elements from excavated contexts (stratigraphic units) that, because of planning conventions, need to be displayed graphically with some sort of fill.

This includes: roof tiles (diagonal hash), ash concentrations (stipple), ceramics (solid fill), hearths (solid fill), etc...

Field Name	Alias	Description
<i>OBJECTID</i>	<i>OBJECTID</i>	<i>Auto-generated unique id for each record.</i>
<i>SHAPE</i>	<i>SHAPE</i>	<i>Auto-generated description of geometry (contains spatial reference, geometry type, etc)</i>
<i>Created</i>	<i>Date Created</i>	<i>Auto-generated timestamp of feature/row creation.</i>
<i>ModifiedLast</i>	<i>Modified Last</i>	<i>Auto-generated timestamp for last edit per feature/row.</i>
<i>ModifiedBy</i>	<i>User</i>	<i>NOT IN USE. Auto-generated username from system login.</i>
cxt_cd*	Context Code	Use full context code (all caps). 8888 is flag for 'verify context code'
cxt_num*	Context Number	Short form for (cumbersome) context code for labeling, querying, etc.
symbol*	Symbology	Used for matching with custom symbology. Uses domain 'Polygons'.
final_plan*	Include in State Plan?	To designate whether feature should appear on the state plan (a definition query can then be used to make only the features where this attribute = Yes). Uses domain 'State Plan'.
status	Status	Useful in case you want to be able to show a feature that has been removed on the final plan (e.g. in a different color). Uses domain 'Status': removed (for walls or other important features that have been removed (but we don't want to delete the digital record of their existence)), N/A (most excavated contexts will receive this status, as they are not part of the final plan anyway), reburied (e.g. in conservation/backfilling) destroyed prior to excavation (????)
source*	Source	Try to specify plan code or geophoto code if possible. CH04 data was attributed more generally (1:20 plan, 1:50 plan, GPH) – can be changed to specific source where/if it's clear, but is too time consuming to go back and recreate this for all 2004 data.
mod_by*	Modified By	Used also for 'created by', but if you've made major changes to a feature and/or its attributes, change it to reflect this. Uses domain 'People'.
comments	Comments	Use for any extraneous comments – especially for notes/flagging for accuracy checking.
SHAPE_Length	SHAPE_Length	Length of feature in internal units squared.
SHAPE_Area	SHAPE_Area	Area of feature in internal units squared.

**Feature Class:** cxt\_schm

**Alias:** Context (schematic)

**Description:** Feature class representing the general extents of excavated contexts (stratigraphic units). To be used for linking to external database of context information in order to perform general queries. May also be used to display, in a very general sense, the location and spatial extent of individual contexts. This is not, in most cases, a very accurate representation of each context's extent. Not recommended for use in quantitative analysis of area or volume for specific contexts.

<b>Field Name</b>	<b>Alias</b>	<b>Description</b>
<i>OBJECTID</i>	<i>OBJECTID</i>	<i>Auto-generated unique id for each record.</i>
<i>SHAPE</i>	<i>SHAPE</i>	<i>Auto-generated description of geometry (contains spatial reference, geometry type, etc)</i>
<i>Created</i>	<i>Date Created</i>	<i>Auto-generated timestamp of feature/row creation.</i>
<i>ModifiedLast</i>	<i>Modified Last</i>	<i>Auto-generated timestamp for last edit per feature/row.</i>
<i>ModifiedBy</i>	<i>User</i>	<i>NOT IN USE. Auto-generated username from system login.</i>
cxt_cd*	Context Code	Use full context code (all caps). 8888 is flag for 'verify context code'
cxt_num*	Context Number	Short form for (cumbersome) context code for labeling, querying, etc.
symbol*	Symbology	Used for matching with custom symbology. Uses domain 'Polygons'.
final_plan*	Include in State Plan?	To designate whether feature should appear on the state plan (a definition query can then be used to make only the features where this attribute = Yes). Uses domain 'State Plan'.
status	Status	Useful in case you want to be able to show a feature that has been removed on the final plan (e.g. in a different color). Uses domain 'Status': removed (for walls or other important features that have been removed (but we don't want to delete the digital record of their existence)), N/A (most excavated contexts will receive this status, as they are not part of the final plan anyway), reburied (e.g. in conservation/backfilling) destroyed prior to excavation (????)
source*	Source	Try to specify plan code or geophoto code if possible. CH04 data was attributed more generally (1:20 plan, 1:50 plan, GPH) – can be changed to specific source where/if it's clear, but is too time consuming to go back and recreate this for all 2004 data.
mod_by*	Modified By	Used also for 'created by', but if you've made major changes to a feature and/or its attributes, change it to reflect this. Uses domain 'People'.
comments	Comments	Use for any extraneous comments – especially for notes/flagging for accuracy checking.
SHAPE_Length	SHAPE_Length	Auto-generated field describing feature length.

**Feature Class:** excd\_pl

**Alias:** Excavation Extent (line)

**Description:** Feature class representing the general extent of areas excavated in a given season. Primary field (ex\_cd) corresponds to the Excavation Code, which consists of Site Code, Year, and an optional area designation (e.g. CH04SR). To be used for generating general plans or final state plans as needed. A definition query should be performed on the 'final\_plan' y/n field to generate state plans.

<b>Field Name</b>	<b>Alias</b>	<b>Description</b>
<i>OBJECTID</i>	<i>OBJECTID</i>	<i>Auto-generated unique id for each record.</i>
<i>SHAPE</i>	<i>SHAPE</i>	<i>Auto-generated description of geometry (contains spatial reference, geometry type, etc)</i>
<i>Created</i>	<i>Date Created</i>	<i>Auto-generated timestamp of feature/row creation.</i>
<i>ModifiedLast</i>	<i>Modified Last</i>	<i>Auto-generated timestamp for last edit per feature/row.</i>
<i>ModifiedBy</i>	<i>User</i>	<i>NOT IN USE. Auto-generated username from system login.</i>
ex_cd*	Excavation Code	Use full excavation code (all caps).
symbol*	Symbology	Used for matching with custom symbology. Uses domain 'Lines' (in this case, always Excavation Edge).
final_plan*	Include in State Plan?	To designate whether feature should appear on the state plan (a definition query can then be used to make only the features where this attribute = Yes). Uses coded domain 'State Plan'.
source*	Source	Specify the Survey Job code, if digitized from total station points, or the plan code if from a scanned plan.
mod_by*	Modified By	Used also for 'created by', but if you've made major changes to a feature and/or its attributes, change it to reflect this. Uses domain 'People'.
creator*	Created By	Name of the person who created this feature. Uses domain 'People'.
comments	Comments	Use for any extraneous comments – especially for notes/flagging for accuracy checking.
<i>SHAPE_Length</i>	<i>SHAPE_Length</i>	<i>Auto-generated field describing feature length.</i>

**Feature Class:** excd\_pg

**Alias:** Excavation Extent (polygon)

**Description:** Feature class representing the general extent of areas excavated in a given season. Primary field (ex\_cd) corresponds to the Excavation Code, which consists of Site Code, Year, and an optional area designation (e.g. CH04SR). To be used for generating general plans, for example, for preliminary reports or presentations. This is, in most cases, NOT a very accurate record of areas opened, but a good general indication. Not recommended for use in quantitative analysis of area or volume for a given excavation season.

<b>Field Name</b>	<b>Alias</b>	<b>Description</b>
<i>OBJECTID</i>	<i>OBJECTID</i>	<i>Auto-generated unique id for each record.</i>
<i>SHAPE</i>	<i>SHAPE</i>	<i>Auto-generated description of geometry (contains spatial reference, geometry type, etc)</i>
<i>Created</i>	<i>Date Created</i>	<i>Auto-generated timestamp of feature/row creation.</i>
<i>ModifiedLast</i>	<i>Modified Last</i>	<i>Auto-generated timestamp for last edit per feature/row.</i>
<i>ModifiedBy</i>	<i>User</i>	<i>NOT IN USE. Auto-generated username from system login.</i>
ex_cd*	Excavation Code	Use full excavation code (all caps).
symbol*	Symbology	Used for matching with custom symbology. Uses domain 'Lines' (in this case, always Excavation Edge).
final_plan*	Include in State Plan?	To designate whether feature should appear on the state plan (a definition query can then be used to make only the features where this attribute = Yes). Uses coded domain 'State Plan'.
source*	Source	Specify the Survey Job code, if digitized from total station points, or the plan code if from a scanned plan.
mod_by*	Modified By	Used also for 'created by', but if you've made major changes to a feature and/or its attributes, change it to reflect this. Uses domain 'People'.
creator*	Created By	Name of the person who created this feature. Uses domain 'People'.
comments	Comments	Use for any extraneous comments – especially for notes/flagging for accuracy checking.
<i>SHAPE_Length</i>	<i>SHAPE_Length</i>	<i>Auto-generated field describing feature length.</i>
<i>SHAPE_Area</i>	<i>SHAPE_Area</i>	<i>Auto-generated field describing feature area.</i>

**Feature Class: hb\_pg****Alias:** Human Bone (polygon)**Description:** Feature class representing fragments of human bone that need to be displayed ‘filled’ as part of the drawing conventions. This should be used for digitizing any type of human bone.

<b>Field Name</b>	<b>Alias</b>	<b>Description</b>
<i>OBJECTID</i>	<i>OBJECTID</i>	<i>Auto-generated unique id for each record.</i>
<i>SHAPE</i>	<i>SHAPE</i>	<i>Auto-generated description of geometry (contains spatial reference, geometry type, etc)</i>
<i>Created</i>	<i>Date Created</i>	<i>Auto-generated timestamp of feature/row creation.</i>
<i>ModifiedLast</i>	<i>Modified Last</i>	<i>Auto-generated timestamp for last edit per feature/row.</i>
<i>ModifiedBy</i>	<i>User</i>	<i>NOT IN USE. Auto-generated username from system login.</i>
cxt_cd*	Context Code	Use full context code (all caps). 8888 is flag for ‘verify context code’
dep_cd	Deposition Code	This is the code for the deposition of which this feature is part. This is usually the code for the arbitrary spit excavated in a disarticulated tomb i.e. ‘LAYER4’.
sk_cd	Skeleton Code	This is the skeleton code i.e. ‘SK1’. It is important to talk to the osteologist (physical anthropologist) when assigning these codes during digitizing to ensure that you have included all of the relevant bones within the skeleton.
symbol*	Symbology	Used for matching with custom symbology. This currently doesn’t exist.
source*	Source	Try to specify plan code or geophoto code if possible. CH04 data was attributed more generally (1:20 plan, 1:50 plan, GPH) – can be changed to specific source where/if it’s clear, but is too time consuming to go back and recreate this for all 2004 data.
status	Status	Useful in case you want to be able to show a feature that has been removed on the final plan (e.g. in a different color). Uses domain ‘Status’.
creator*	Created By	The name of the person who created this feature. Uses domain ‘People’.
mod_by*	Modified By	Used also for ‘created by’, but if you’ve made major changes to a feature and/or its attributes, change it to reflect this. Uses domain ‘People’.
comments	Comments	Use for any extraneous comments – especially for notes/flagging for accuracy checking.
SHAPE_Length	SHAPE_Length	Auto-generated field describing feature length.
SHAPE_Area	SHAPE_Area	Area of feature in internal units squared.

**Feature Class: hb\_pl****Alias:** Human Bone (polyline)**Description:** Feature class representing fragments of human bone that can be represented using a polyline geometry. This is only included to support the earlier data from CH02 and CH01 which was digitized in AutoCAD. No new features should be added to this layer, hb\_pg should be used instead.

<b>Field Name</b>	<b>Alias</b>	<b>Description</b>
<i>OBJECTID</i>	<i>OBJECTID</i>	<i>Auto-generated unique id for each record.</i>
<i>SHAPE</i>	<i>SHAPE</i>	<i>Auto-generated description of geometry (contains spatial reference, geometry type, etc)</i>
<i>Created</i>	<i>Date Created</i>	<i>Auto-generated timestamp of feature/row creation.</i>
<i>ModifiedLast</i>	<i>Modified Last</i>	<i>Auto-generated timestamp for last edit per feature/row.</i>
<i>ModifiedBy</i>	<i>User</i>	<i>NOT IN USE. Auto-generated username from system login.</i>
cxt_cd*	Context Code	Use full context code (all caps). 8888 is flag for 'verify context code'
dep_cd	Deposition Code	This is the code for the deposition of which this feature is part. This is usually the code for the arbitrary spit excavated in a disarticulated tomb i.e. 'LAYER4'.
sk_cd	Skeleton Code	This is the skeleton code i.e. 'SK1'. It is important to talk to the osteologist (physical anthropologist) when assigning these codes during digitizing to ensure that you have included all of the relevant bones within the skeleton.
line_type	LineType	This is a legacy attribute that was used in previous versions of the system. It is normally filled with entries such as 'Bone'. As this feature class is bone there is not really any need to specify specific symbology.
symbol*	Symbology	Used for matching with custom symbology. This is currently not used.
source*	Source	This is normally CH01/CH02.
status	Status	Useful in case you want to be able to show a feature that has been removed on the final plan (e.g. in a different color). Uses domain 'Status'.
creator*	Created By	The name of the person who created this feature. Uses domain 'People'.
mod_by*	Modified By	Used also for 'created by', but if you've made major changes to a feature and/or its attributes, change it to reflect this. Uses domain 'People'.
comments	Comments	Use for any extraneous comments – especially for notes/flagging for accuracy checking.
SHAPE_Length	SHAPE_Length	Auto-generated field describing feature length.

**Feature Class: hb\_pt****Alias:** Human Bone (point)

**Description:** Feature class representing fragments of human bone that can be represented using a point geometry. This is only included to support the earlier data from CH02 and CH01 which was digitized in AutoCAD. No new features should be added to this layer, hb\_pg should be used instead. This feature class has been used to represent the ‘stippling’ of human bones in the earlier AutoCAD files. This feature class should NOT be used to record points where human bones have been found, this should instead be within the finds dataset.

<b>Field Name</b>	<b>Alias</b>	<b>Description</b>
<i>OBJECTID</i>	<i>OBJECTID</i>	<i>Auto-generated unique id for each record.</i>
<i>SHAPE</i>	<i>SHAPE</i>	<i>Auto-generated description of geometry (contains spatial reference, geometry type, etc)</i>
<i>Created</i>	<i>Date Created</i>	<i>Auto-generated timestamp of feature/row creation.</i>
<i>ModifiedLast</i>	<i>Modified Last</i>	<i>Auto-generated timestamp for last edit per feature/row.</i>
<i>ModifiedBy</i>	<i>User</i>	<i>NOT IN USE. Auto-generated username from system login.</i>
cxt_cd*	Context Code	Use full context code (all caps). 8888 is flag for ‘verify context code’
dep_cd	Deposition Code	This is the code for the deposition of which this feature is part. This is usually the code for the arbitrary spit excavated in a disarticulated tomb i.e. ‘LAYER4’.
sk_cd	Skeleton Code	This is the skeleton code i.e. ‘SK1’. It is important to talk to the osteologist (physical anthropologist) when assigning these codes during digitizing to ensure that you have included all of the relevant bones within the skeleton.
line_type	LineType	This is a legacy attribute that was used in previous versions of the system. It is normally filled with entries such as ‘Bone’. As this feature class is bone there is not really any need to specify specific symbology.
symbol*	Symbology	Used for matching with custom symbology. This is currently not used.
source*	Source	This is normally CH01/CH02.
status	Status	Useful in case you want to be able to show a feature that has been removed on the final plan (e.g. in a different color). Uses domain ‘Status’.
creator*	Created By	The name of the person who created this feature. Uses domain ‘People’.
mod_by*	Modified By	Used also for ‘created by’, but if you’ve made major changes to a feature and/or its attributes, change it to reflect this. Uses domain ‘People’.
comments	Comments	Use for any extraneous comments – especially for notes/flagging for accuracy checking.



**Feature Class: pr\_pl****Alias:** Profile (line)

**Description:** Feature class representing the general location of profile lines across the site. It is created by digitizing a best fit line through a series of total station points collected as spot elevations for profile drawings. Primary field (pr\_cd) corresponds to drawing\_code within the database. To be used for indicating location of profiles on general plans or final state plans as needed.

<b>Field Name</b>	<b>Alias</b>	<b>Description</b>
<i>OBJECTID</i>	<i>OBJECTID</i>	<i>Auto-generated unique id for each record.</i>
<i>SHAPE</i>	<i>SHAPE</i>	<i>Auto-generated description of geometry (contains spatial reference, geometry type, etc)</i>
<i>Created</i>	<i>Date Created</i>	<i>Auto-generated timestamp of feature/row creation.</i>
<i>ModifiedLast</i>	<i>Modified Last</i>	<i>Auto-generated timestamp for last edit per feature/row.</i>
<i>ModifiedBy</i>	<i>User</i>	<i>NOT IN USE. Auto-generated username from system login.</i>
pr_num*	Profile Number	Short form for pr_cd (integer only)
pr_cd*	Profile Code	Use entire Profile Code (e.g. PRCH04SR0023)
symbol*	Symbology	Used for matching with custom symbology. Uses domain 'Lines' (in this case, always Profile).
final_plan*	Include in State Plan?	To designate whether feature should appear on the state plan (a definition query can then be used to make only the features where this attribute = Yes). Uses coded domain 'State Plan'.
source*	Source	Specify the Survey Job code if digitized from total station points, or the Drawing Code if from a scanned plan.
mod_by*	Modified By	The last person to have made significant changes to a feature and/or its attributes. Uses domain 'People'.
creator*	Created By	Name of the person who created this feature. Uses domain 'People'.
comments	Comments	Use for any extraneous comments – especially for notes/flagging for accuracy checking.
<i>SHAPE_Length</i>	<i>SHAPE_Length</i>	<i>Auto-generated field describing feature length.</i>

**Feature Class:** sec\_pl

**Alias:** Section Lines (polyline)

**Description:** This feature class is the result of experiments undertaken during the 2005 season to see if we could take running sections across the site, as the excavation progressed. This feature class should be digitized by creating a line of best fit through the points from sec (in survey\_data). It was initially intended to be a 3D line that would be digitized, snapped to both the xy and z of the sec points, however it currently just represents the line where the section points were taken. This feature class may be refined in future excavations.

<b>Field Name</b>	<b>Alias</b>	<b>Description</b>
<i>OBJECTID</i>	<i>OBJECTID</i>	<i>Auto-generated unique id for each record.</i>
<i>SHAPE</i>	<i>SHAPE</i>	<i>Auto-generated description of geometry (contains spatial reference, geometry type, etc)</i>
<i>Created</i>	<i>Date Created</i>	<i>Auto-generated timestamp of feature/row creation.</i>
<i>ModifiedLast</i>	<i>Modified Last</i>	<i>Auto-generated timestamp for last edit per feature/row.</i>
<i>ModifiedBy</i>	<i>User</i>	<i>NOT IN USE. Auto-generated username from system login.</i>
sec_num	Section Number	This is the short number for the section – its useful for labeling or quickly querying, etc.
sec_cd*	Section Code	This is the full code for the section (i.e. SLCH05SR0003). Use all caps.
symbol*	Symbology	Used for matching with custom symbology. This is currently not used.
source*	Source	This is currently not used as the lines are only a representation of the line across the site. Once the lines are 3D polylines then this should be filled with the code for the survey job undertaken that captured the points from which the line was derived.
creator*	Created By	The name of the person who created this feature. Uses domain 'People'.
mod_by*	Modified By	Used also for 'created by', but if you've made major changes to a feature and/or its attributes, change it to reflect this. Uses domain 'People'.
comments	Comments	Use for any extraneous comments – especially for notes/flagging for accuracy checking.
SHAPE_Length	SHAPE_Length	Auto-generated field describing feature length.

**Feature Class: sh****Alias:** Spot Heights

**Description:** This feature class contains individual spot heights, which are usually organized per context. These spot heights can either be taken from individual total station points, be brought in/copied from the topo surfaces or digitized directly from a plan. These points should be used as levels are used on a plan – marked on to give an indication of the height at a specific spot. This feature class has also been used to record the extents of contexts (effectively tracing using the total station) but this is not encouraged – it is better to use a drawn plan.

<b>Field Name</b>	<b>Alias</b>	<b>Description</b>
<i>OBJECTID</i>	<i>OBJECTID</i>	<i>Auto-generated unique id for each record.</i>
<i>SHAPE</i>	<i>SHAPE</i>	<i>Auto-generated description of geometry (contains spatial reference, geometry type, etc)</i>
<i>Created</i>	<i>Date Created</i>	<i>Auto-generated timestamp of feature/row creation.</i>
<i>ModifiedLast</i>	<i>Modified Last</i>	<i>Auto-generated timestamp for last edit per feature/row.</i>
<i>ModifiedBy</i>	<i>User</i>	<i>NOT IN USE. Auto-generated username from system login.</i>
pt_id	pt_id	Auto-incrementing numeric id generated by the total station data logger (generally starting at 1000 per each survey job).
easting	Easting	Easting in the local coordinate system brought directly in from the total station job. Not strictly necessary as the coordinates are already held (encoded) in the SHAPE field.
northing	Northing	Northing in the local coordinate system brought directly in from the total station job. Not strictly necessary as the coordinates are already held (encoded) in the SHAPE field.
elev*	Elevation	Elevation in the local coordinate system brought directly in from the total station job. Can be used for labeling, etc.
sh_type	Point Type	Records which part of the context the shot is from. T for Top, B for Bottom or E for Extent (deprecated).
cxt_num	Context Number	Short form for (cumbersome) context code for labeling, querying, etc.
cxt_cd*	Context Code	Use full context code (all caps). 8888 is flag for 'verify context code'
date_*	Date	Date the point was TAKEN. Should be brought in from the survey_data.
comments	Comments	Use for any extraneous comments – especially for notes/flagging for accuracy checking.
source	Source	Either, the full job name of the job in which the point was taken. This links to the tbl_survey_job in the database. Examples are 'CH04' or '26JUL05B'. If the spot height has been taken directly from a level marked on a plan, then put the full plan/drawing number in here. Example, PLCH05SR0016. If it was taken from a topo surface then put the topo surface code.

**Feature Class: rm****Alias:** Rooms

**Description:** This feature class is used to document the spatial extent of any rooms or areas described in the database. It is not supposed to be displayed, instead is more usually used to link to the Anno class, for placing labels, etc. It is also useful for zooming to/selecting by rooms. If a new feature is created then a new label is automatically created within the Anno layer. This class should not be used for any kind of spatial analysis, etc.

<b>Field Name</b>	<b>Alias</b>	<b>Description</b>
<i>OBJECTID</i>	<i>OBJECTID</i>	<i>Auto-generated unique id for each record.</i>
<i>SHAPE</i>	<i>SHAPE</i>	<i>Auto-generated description of geometry (contains spatial reference, geometry type, etc)</i>
<i>Created</i>	<i>Date Created</i>	<i>Auto-generated timestamp of feature/row creation.</i>
<i>ModifiedLast</i>	<i>Modified Last</i>	<i>Auto-generated timestamp for last edit per feature/row.</i>
<i>ModifiedBy</i>	<i>User</i>	<i>NOT IN USE. Auto-generated username from system login.</i>
room_no*	Room Number	The name of this field is slightly misleading as this field should be used for the name of the area which the polygon is representing. This could be 'Complex 2' or 'Courtyard'. If it is just a number then it is usually referring to a room number '38'.
symbol*	Symbology	Used for matching with custom symbology. This currently doesn't exist.
creator*	Created By	The name of the person who created this feature. Uses domain 'People'.
mod_by*	Modified By	Used also for 'created by', but if you've made major changes to a feature and/or its attributes, change it to reflect this. Uses domain 'People'.
comments	Comments	Use for any extraneous comments – especially for notes/flagging for accuracy checking.
SHAPE_Length	SHAPE_Length	Auto-generated field describing feature length.
SHAPE_Area	SHAPE_Area	Area of feature in internal units squared.

**Feature Class: ind****Alias:** Industrial Debris**Description:** Feature class representing find spots of industrial debris (metal slag, hammer scale and vitreous material), typically shot in with the total station (and attributes ingested from fields in the data logger).

<b>Field Name</b>	<b>Alias</b>	<b>Description</b>
<i>OBJECTID</i>	<i>OBJECTID</i>	<i>Auto-generated unique id for each record.</i>
<i>SHAPE</i>	<i>SHAPE</i>	<i>Auto-generated description of geometry (contains spatial reference, geometry type, etc)</i>
<i>Created</i>	<i>Date Created</i>	<i>Auto-generated timestamp of feature/row creation.</i>
<i>ModifiedLast</i>	<i>Modified Last</i>	<i>Auto-generated timestamp for last edit per feature/row.</i>
<i>ModifiedBy</i>	<i>User</i>	<i>NOT IN USE. Auto-generated username from system login.</i>
pt_id*	Point Id	Auto-incrementing numeric id generated by the total station data logger (generally starting at 1000 per each survey job).
easting	Easting	Easting in the local coordinate system brought directly in from the total station job. Not strictly necessary as the coordinates are already held (encoded) in the SHAPE field.
northing	Northing	Northing in the local coordinate system brought directly in from the total station job. Not strictly necessary as the coordinates are already held (encoded) in the SHAPE field.
elev*	Elevation	Elevation in the local coordinate system brought directly in from the total station job. Can be used for labeling, etc.
ind_type	Industrial Debris Type	Type of industrial debris. Uses feature code list within the data logger.
cxt_num	Context Number	Short form for (cumbersome) context code for labeling, querying, etc.
cxt_cd*	Context Code	Use full context code (all caps). 8888 is flag for 'verify context code'
date_*	Date	Date the point was TAKEN. Should be brought in during ingestion of total station point data from survey job.
source	Source	Most often the full survey job name (links to the tbl_survey_job in the database, e.g. 'CH04' or '26JUL05B'). If find location is generated from scanned plan or geophoto, then put the full plan/drawing/geoph code here.

**Feature Class: n****Alias:** Nails**Description:** Feature class representing the location of nails, typically shot in with the total station (and attributes ingested from fields in the data logger).

<b>Field Name</b>	<b>Alias</b>	<b>Description</b>
<i>OBJECTID</i>	<i>OBJECTID</i>	<i>Auto-generated unique id for each record.</i>
<i>SHAPE</i>	<i>SHAPE</i>	<i>Auto-generated description of geometry (contains spatial reference, geometry type, etc)</i>
<i>Created</i>	<i>Date Created</i>	<i>Auto-generated timestamp of feature/row creation.</i>
<i>ModifiedLast</i>	<i>Modified Last</i>	<i>Auto-generated timestamp for last edit per feature/row.</i>
<i>ModifiedBy</i>	<i>User</i>	<i>NOT IN USE. Auto-generated username from system login.</i>
pt_id	pt_id	Auto-incrementing numeric id generated by the total station data logger (generally starting at 1000 per each survey job).
easting	Easting	Easting in the local coordinate system brought directly in from the total station job. Not strictly necessary as the coordinates are already held (encoded) in the SHAPE field.
northing	Northing	Northing in the local coordinate system brought directly in from the total station job. Not strictly necessary as the coordinates are already held (encoded) in the SHAPE field.
elev*	Elevation	Elevation in the local coordinate system brought directly in from the total station job. Can be used for labeling, etc.
cxt_num	Context Number	Short form for (cumbersome) context code for labeling, querying, etc.
cxt_cd*	Context Code	Use full context code (all caps). 8888 is flag for 'verify context code'
material*	Material	This is the code for the material that the nail is made from. Typically this is FE (Iron) or AE (Bronze). If the material is not known then NA should be used.
intact*	Intact?	Indicates if the nail is whole or just a fragment. Should be Y (if intact) and N (if a fragment).
length	Length	The length of the shaft. If the nail is considered intact then this can be S (Short), L (Long). If the nail is not intact then NA should be filled in.
hd_shp	Head Shape	If the nail has a head use this to describe the shape of it. RO (round), SQ (square), NO (none).
ShftShp	Shaft Shape	The shape of the shaft (if present). RO (round), SQ (square), NO (none).
ShftStat	Shaft Status	The status of the shaft, B (bent), S (straight) , NO (none).
date_*	Date	Date the point was TAKEN. Should be brought in from the survey_data.
comments	Comments	Use for any extraneous comments – especially for notes/flagging for accuracy checking.
source	Source	Either, the full job name of the job in which the point was taken. This links to the tbl_survey_job in the database. Examples are 'CH04' or '26JUL05B'. If the nail has been taken directly from a plan, then put the full plan/drawing number in here. Example, PLCH05SR0016.

**Feature Class: sf****Alias:** Special Finds**Description:** Feature class representing find spots of Special Finds (given unique ids and described/entered into database in more detail later). Almost always shot in with the total station (and attributes ingested from fields in the data logger), but may also be measured in or digitized from plans.

<b>Field Name</b>	<b>Alias</b>	<b>Description</b>
<i>OBJECTID</i>	<i>OBJECTID</i>	<i>Auto-generated unique id for each record.</i>
<i>SHAPE</i>	<i>SHAPE</i>	<i>Auto-generated description of geometry (contains spatial reference, geometry type, etc)</i>
<i>Created</i>	<i>Date Created</i>	<i>Auto-generated timestamp of feature/row creation.</i>
<i>ModifiedLast</i>	<i>Modified Last</i>	<i>Auto-generated timestamp for last edit per feature/row.</i>
<i>ModifiedBy</i>	<i>User</i>	<i>NOT IN USE. Auto-generated username from system login.</i>
pt_id*	Point Id	Auto-incrementing numeric id generated by the total station data logger (generally starting at 1000 per each survey job).
easting	Easting	Easting in the local coordinate system brought directly in from the total station job. Not strictly necessary as the coordinates are already held (encoded) in the SHAPE field.
northing	Northing	Northing in the local coordinate system brought directly in from the total station job. Not strictly necessary as the coordinates are already held (encoded) in the SHAPE field.
elev*	Elevation	Elevation in the local coordinate system brought directly in from the total station job. Can be used for labeling, etc.
sf_type	Special Find Type	Rough in-field designation of find type, as assigned by excavator. This designation usually changes/is refined after later further study by finds registrar, but is useful for tracking mistakes/errors in the field (easier to refer to “bullet”, e.g. than SFCH04SR0001, when doing data quality check/control. Uses general feature code list of frequent find types within the data logger.
sf_num	Context Number	Short form for (cumbersome) special find code for labeling, querying, etc.
ext_cd*	Context Code	Use full special find code (all caps). 8888 is flag for ‘verify sf code’
date_*	Date	Date the point was TAKEN. Should be brought in during ingestion of total station point data from survey job.
source	Source	Most often the full survey job name (links to the tbl_survey_job in the database, e.g. ‘CH04’ or ‘26JUL05B’). If find location is generated from scanned plan or geophoto, then put the full plan/drawing/geoph code here.

**Feature Class: smp****Alias:** Samples

**Description:** Feature class representing the locations of samples taken in the field. Almost always shot in with the total station (and attributes ingested from fields in the data logger), but may also be measured in or digitized from plans. The points represent the general location of the sample (or the center point) of the area/context which was sampled.

<b>Field Name</b>	<b>Alias</b>	<b>Description</b>
<i>OBJECTID</i>	<i>OBJECTID</i>	<i>Auto-generated unique id for each record.</i>
<i>SHAPE</i>	<i>SHAPE</i>	<i>Auto-generated description of geometry (contains spatial reference, geometry type, etc)</i>
<i>Created</i>	<i>Date Created</i>	<i>Auto-generated timestamp of feature/row creation.</i>
<i>ModifiedLast</i>	<i>Modified Last</i>	<i>Auto-generated timestamp for last edit per feature/row.</i>
<i>ModifiedBy</i>	<i>User</i>	<i>NOT IN USE. Auto-generated username from system login.</i>
pt_id*	Point Id	Auto-incrementing numeric id generated by the total station data logger (generally starting at 1000 per each survey job).
easting	Easting	Easting in the local coordinate system brought directly in from the total station job. Not strictly necessary as the coordinates are already held (encoded) in the SHAPE field.
northing	Northing	Northing in the local coordinate system brought directly in from the total station job. Not strictly necessary as the coordinates are already held (encoded) in the SHAPE field.
elev*	Elevation	Elevation in the local coordinate system brought directly in from the total station job. Can be used for labeling, etc.
smp_type	Sample Type	In field description of the sample type. Uses general feature code list of sample types within the data logger.
smp_num	Sample Number	Short form for (cumbersome) sample code for labeling, querying, etc.
smp_cd*	Sample Code	Use full sample code (all caps). 8888 is flag for 'verify sample code'
date_*	Date	Date the point was TAKEN. Should be brought in during ingestion of total station point data from survey job.
source	Source	Most often the full survey job name (links to the tbl_survey_job in the database, e.g. 'CH04' or '26JUL05B'). If the location is generated from scanned plan or geophoto, then put the full plan/drawing/geoph code here.
comments	Comments	Use for any extraneous comments – especially for notes/flagging for accuracy checking.



**Feature Class: wood****Alias:** Wood

**Description:** Feature class representing find spots of wood, typically shot in with the total station (and attributes ingested from fields in the data logger). Pieces of wood are also generally digitized from geophotos or plans – this class is only to be used for point data which is sometimes used to take quick locations of wood to be lifted, etc.

<b>Field Name</b>	<b>Alias</b>	<b>Description</b>
<i>OBJECTID</i>	<i>OBJECTID</i>	<i>Auto-generated unique id for each record.</i>
<i>SHAPE</i>	<i>SHAPE</i>	<i>Auto-generated description of geometry (contains spatial reference, geometry type, etc)</i>
<i>Created</i>	<i>Date Created</i>	<i>Auto-generated timestamp of feature/row creation.</i>
<i>ModifiedLast</i>	<i>Modified Last</i>	<i>Auto-generated timestamp for last edit per feature/row.</i>
<i>ModifiedBy</i>	<i>User</i>	<i>NOT IN USE. Auto-generated username from system login.</i>
pt_id*	Point Id	Auto-incrementing numeric id generated by the total station data logger (generally starting at 1000 per each survey job).
easting	Easting	Easting in the local coordinate system brought directly in from the total station job. Not strictly necessary as the coordinates are already held (encoded) in the SHAPE field.
northing	Northing	Northing in the local coordinate system brought directly in from the total station job. Not strictly necessary as the coordinates are already held (encoded) in the SHAPE field.
elev*	Elevation	Elevation in the local coordinate system brought directly in from the total station job. Can be used for labeling, etc.
desc	Description	Description of the type of wood, typically 'WD'.
cxt_num	Context Number	Short form for (cumbersome) context code for labeling, querying, etc.
cxt_cd*	Context Code	Use full context code (all caps). 8888 is flag for 'verify context code'
date_*	Date	Date the point was TAKEN. Should be brought in during ingestion of total station point data from survey job.
source	Source	Most often the full survey job name (links to the tbl_survey_job in the database, e.g. 'CH04' or '26JUL05B'). If location is generated from scanned plan or geophoto, then put the full plan/drawing/geoph code here.
comments	Comments	Use for any extraneous comments – especially for notes/flagging for accuracy checking.

**Feature Class: dp****Alias:** Drawing Points

**Description:** This is survey data downloaded directly from the datalogger. The feature class is used in the geo-referencing of drawn plans. When a context is drawn, the illustrator marks on their plan the drawing points that are then shot in with the total station and their number noted for subsequent georeferencing.

<b>Field Name</b>	<b>Alias</b>	<b>Description</b>
<i>OBJECTID</i>	<i>OBJECTID</i>	<i>Auto-generated unique id for each record.</i>
<i>SHAPE</i>	<i>SHAPE</i>	<i>Auto-generated description of geometry (contains spatial reference, geometry type, etc)</i>
<i>Created</i>	<i>Date Created</i>	<i>Auto-generated timestamp of feature/row creation.</i>
<i>ModifiedLast</i>	<i>Modified Last</i>	<i>Auto-generated timestamp for last edit per feature/row.</i>
<i>ModifiedBy</i>	<i>User</i>	<i>NOT IN USE. Auto-generated username from system login.</i>
pt_id*	Point Id	Auto-incrementing numeric id generated by the total station data logger (generally starting at 1000 per each survey job).
easting	Easting	Easting in the local coordinate system brought directly in from the total station job. Not strictly necessary as the coordinates are already held (encoded) in the SHAPE field.
northing	Northing	Northing in the local coordinate system brought directly in from the total station job. Not strictly necessary as the coordinates are already held (encoded) in the SHAPE field.
elev	Elevation	Elevation in the local coordinate system brought directly in from the total station job. Can be used for labeling, etc.
draw_num	Drawing Number	Short form for (cumbersome) drawing code for labeling, querying, etc.
draw_cd*	Drawing Code	Use full drawing code (all caps). Used for linking through to tbl_drawing in the database.
dp_num	Drawing Point Number	This is an incrementing number relative to the individual drawing. Its location is marked on the plan and then used alongside the total station data to know which point is being georeferenced.
date_*	Date	Date the point was TAKEN. Should be brought in during ingestion of total station point data from survey job.
source	Source	Most often the full survey job name (links to the tbl_survey_job in the database, e.g. 'CH04' or '26JUL05B'). If location is generated from scanned plan or geophoto, then put the full plan/drawing/geoph code here.
comments	Comments	Use for any extraneous comments – especially for notes/flagging for accuracy checking.

**Feature Class: gph****Alias:** Geo-photo (points)**Description:** This is survey data downloaded directly from the datalogger. The feature class is used in the geo-referencing of geophotos. When a geophoto is taken of a context, the positions of the survey markers are then shot in with the total station and their number is noted for subsequent georeferencing.

<b>Field Name</b>	<b>Alias</b>	<b>Description</b>
<i>OBJECTID</i>	<i>OBJECTID</i>	<i>Auto-generated unique id for each record.</i>
<i>SHAPE</i>	<i>SHAPE</i>	<i>Auto-generated description of geometry (contains spatial reference, geometry type, etc)</i>
<i>Created</i>	<i>Date Created</i>	<i>Auto-generated timestamp of feature/row creation.</i>
<i>ModifiedLast</i>	<i>Modified Last</i>	<i>Auto-generated timestamp for last edit per feature/row.</i>
<i>ModifiedBy</i>	<i>User</i>	<i>NOT IN USE. Auto-generated username from system login.</i>
pt_id*	Point Id	Auto-incrementing numeric id generated by the total station data logger (generally starting at 1000 per each survey job).
easting	Easting	Easting in the local coordinate system brought directly in from the total station job. Not strictly necessary as the coordinates are already held (encoded) in the SHAPE field.
northing	Northing	Northing in the local coordinate system brought directly in from the total station job. Not strictly necessary as the coordinates are already held (encoded) in the SHAPE field.
elev	Elevation	Elevation in the local coordinate system brought directly in from the total station job. Can be used for labeling, etc.
photo_num*	Geo-photo Number	Short form for (cumbersome) geophoto code for labeling, querying, etc.
photo_cd*	Geo-photo Code	Use full geophoto code (all caps). Used for linking through to tbl_geo_photos in the database.
point_num	Geo-photo Point Number	This is an incrementing number relative to the individual geophoto. Its location is marked by survey markers and then used alongside the total station data to know which point is being georeferenced.
date_*	Date	Date the point was TAKEN. Should be brought in during ingestion of total station point data from survey job.
source	Source	Most often the full survey job name (links to the tbl_survey_job in the database, e.g. 'CH04' or '26JUL05B'). If location is generated from scanned plan or geophoto, then put the full plan/drawing/geoph code here.
comments	Comments	Use for any extraneous comments – especially for notes/flagging for accuracy checking.

**Feature Class: tp****Alias:** Triangulation Points**Description:** This feature class contains the locations of semi-permanent points around the site that can be used as triangulation points for the purposes of drawing. The location is shot in once, but then an illustrator can use these points as georeferencing markers on their drawn plans. They are generally hooks, nails or eyelets to enable strings/tapes to be attached to them.

<b>Field Name</b>	<b>Alias</b>	<b>Description</b>
<i>OBJECTID</i>	<i>OBJECTID</i>	<i>Auto-generated unique id for each record.</i>
<i>SHAPE</i>	<i>SHAPE</i>	<i>Auto-generated description of geometry (contains spatial reference, geometry type, etc)</i>
<i>Created</i>	<i>Date Created</i>	<i>Auto-generated timestamp of feature/row creation.</i>
<i>ModifiedLast</i>	<i>Modified Last</i>	<i>Auto-generated timestamp for last edit per feature/row.</i>
<i>ModifiedBy</i>	<i>User</i>	<i>NOT IN USE. Auto-generated username from system login.</i>
pt_id*	Point Id	Auto-incrementing numeric id generated by the total station data logger (generally starting at 1000 per each survey job).
easting	Easting	Easting in the local coordinate system brought directly in from the total station job. Not strictly necessary as the coordinates are already held (encoded) in the SHAPE field.
northing	Northing	Northing in the local coordinate system brought directly in from the total station job. Not strictly necessary as the coordinates are already held (encoded) in the SHAPE field.
elev	Elevation	Elevation in the local coordinate system brought directly in from the total station job. Can be used for labeling, etc.
tp_num*	Point Number	This is the incrementing number assigned to the triangulation point, and its location should be marked as TP# (i.e. TP14) on any drawn plan in which it is used.
date_*	Date	Date the point was TAKEN. Should be brought in during ingestion of total station point data from survey job.
source	Source	Most often the full survey job name (links to the tbl_survey_job in the database, e.g. 'CH04' or '26JUL05B'). If location is generated from scanned plan or geophoto, then put the full plan/drawing/geoph code here.
comments	Comments	Use for any extraneous comments – especially for notes/flagging for accuracy checking.

**Feature Class:** topo\_pt**Alias:** Topo Points

**Description:** This is survey data downloaded directly from the datalogger. The feature class is used in the creation of topo surfaces. Points are taken across a physical layer and the surface number (linked to database) of each location is recorded. The context number of the point is also recorded, as topo surfaces can often span more than one context.

<b>Field Name</b>	<b>Alias</b>	<b>Description</b>
<i>OBJECTID</i>	<i>OBJECTID</i>	<i>Auto-generated unique id for each record.</i>
<i>SHAPE</i>	<i>SHAPE</i>	<i>Auto-generated description of geometry (contains spatial reference, geometry type, etc)</i>
<i>Created</i>	<i>Date Created</i>	<i>Auto-generated timestamp of feature/row creation.</i>
<i>ModifiedLast</i>	<i>Modified Last</i>	<i>Auto-generated timestamp for last edit per feature/row.</i>
<i>ModifiedBy</i>	<i>User</i>	<i>NOT IN USE. Auto-generated username from system login.</i>
pt_id*	Point Id	Auto-incrementing numeric id generated by the total station data logger (generally starting at 1000 per each survey job).
easting	Easting	Easting in the local coordinate system brought directly in from the total station job. Not strictly necessary as the coordinates are already held (encoded) in the SHAPE field.
northing	Northing	Northing in the local coordinate system brought directly in from the total station job. Not strictly necessary as the coordinates are already held (encoded) in the SHAPE field.
elev	Elevation	Elevation in the local coordinate system brought directly in from the total station job.
surf_num	Surface Number	Short form for (cumbersome) surface code for labeling, querying, etc.
surf_cd*	Surface Code	Use full surface code (all caps). Used for linking through to tbl_topo_surface in the database.
cxt_num	Context Number	Short form for (cumbersome) context code for labeling, querying, etc.
cxt_cd*	Context Code	Use full context code (all caps). 8888 is flag for 'verify context code'
date_*	Date	Date the point was TAKEN. Should be brought in during ingestion of total station point data from survey job.
source	Source	Most often the full survey job name (links to the tbl_survey_job in the database, e.g. 'CH04' or '26JUL05B'). If location is generated from scanned plan or geophoto, then put the full plan/drawing/geoph code here.
fin_plan	Final Plan	Designates whether or not the feature should be shown on the final plan.
bedrock	Bedrock	A deprecated field that has been used to indicate if the point was taken on the bedrock. Useful for showing spot heights on the bedrock plans.
comments	Comments	Use for any extraneous comments – especially for notes/flagging for accuracy checking.

**Feature Class:** topo\_pg

**Alias:** Topo Polygon

**Description:** This feature class is used solely as a tool to aid in the clipping of interpolated topo surfaces. It usually only contains one or no feature(s), and is used as an ‘Analysis Mask’ during the interpolation to limit the interpolation to the area of the digitized polygon. This polygon is deleted after the clipping.

<b>Field Name</b>	<b>Alias</b>	<b>Description</b>
<i>OBJECTID</i>	<i>OBJECTID</i>	<i>Auto-generated unique id for each record.</i>
<i>SHAPE</i>	<i>SHAPE</i>	<i>Auto-generated description of geometry (contains spatial reference, geometry type, etc)</i>
note_	Note	This field can be used for any temporary notes that may be needed during the clipping/interpolation process.
SHAPE_Length	SHAPE_Length	Auto-generated field describing feature length.
SHAPE_Area	SHAPE_Area	Area of feature in internal units squared.

**Feature Class:** sec

**Alias:** Section Points

**Description:** This feature class is the result of experiments undertaken during the 2005 season to see if we could take running sections across the site, as the excavation progressed. This feature class may be refined in future excavations. Almost always shot in with the total station (and attributes ingested from fields in the data logger), but may also be measured in or digitized from plans.

<b>Field Name</b>	<b>Alias</b>	<b>Description</b>
<i>OBJECTID</i>	<i>OBJECTID</i>	<i>Auto-generated unique id for each record.</i>
<i>SHAPE</i>	<i>SHAPE</i>	<i>Auto-generated description of geometry (contains spatial reference, geometry type, etc)</i>
<i>Created</i>	<i>Date Created</i>	<i>Auto-generated timestamp of feature/row creation.</i>
<i>ModifiedLast</i>	<i>Modified Last</i>	<i>Auto-generated timestamp for last edit per feature/row.</i>
<i>ModifiedBy</i>	<i>User</i>	<i>NOT IN USE. Auto-generated username from system login.</i>
pt_id*	Point Id	Auto-incrementing numeric id generated by the total station data logger (generally starting at 1000 per each survey job).
easting	Easting	Easting in the local coordinate system brought directly in from the total station job. Not strictly necessary as the coordinates are already held (encoded) in the SHAPE field.
northing	Northing	Northing in the local coordinate system brought directly in from the total station job. Not strictly necessary as the coordinates are already held (encoded) in the SHAPE field.
elev	Elevation	Elevation in the local coordinate system brought directly in from the total station job. Can be used for labeling, etc.
sec_num	Section Number	Short form for (cumbersome) section code for labeling, querying, etc.
sec_cd*	Section Code	Use full section code (all caps). Used for linking through to tbl_sections in the database.
sec_lyr	Section Layer	This is the 'layer' number for the section line. The same section line is shot throughout the course of the excavation and therefore each set of shots needs to have an incrementing number for the arbitrary layers.
date_*	Date	Date the point was TAKEN. Should be brought in during ingestion of total station point data from survey job.
source	Source	Most often the full survey job name (links to the tbl_survey_job in the database, e.g. 'CH04' or '26JUL05B'). If location is generated from scanned plan or geophoto, then put the full plan/drawing/geoph code here.
comments	Comments	Use for any extraneous comments – especially for notes/flagging for accuracy checking.

**Feature Class: grid****Alias:** Grid

**Description:** This is a legacy feature class that has been used when setting out grids and excavation areas. It has been used to manually input coordinates for setting out with the total station, but also has been used to hold foresights on those points (FROM the total station). This feature class is deprecated and has now been superseded by excd\_pt and cogo\_pt.

<b>Field Name</b>	<b>Alias</b>	<b>Description</b>
<i>OBJECTID</i>	<i>OBJECTID</i>	<i>Auto-generated unique id for each record.</i>
<i>SHAPE</i>	<i>SHAPE</i>	<i>Auto-generated description of geometry (contains spatial reference, geometry type, etc)</i>
note_	Note	This field can be used for any temporary notes that may be needed during the clipping/interpolation process.
date_*	Date	Date the point was TAKEN. Should be brought in during ingestion of total station point data from survey job.
source	Source	Most often the full survey job name (links to the tbl_survey_job in the database, e.g. 'CH04' or '26JUL05B'). If location is generated from scanned plan or geophoto, then put the full plan/drawing/geoph code here.
SHAPE_Length	SHAPE_Length	Auto-generated field describing feature length.
SHAPE_Area	SHAPE_Area	Area of feature in internal units squared.



**Feature Class: pr\_pt****Alias:** Profile Points**Description:** Feature class representing the points taken to create the profile lines across the site. pr\_pl is derived from these points. Almost always shot in with the total station (and attributes ingested from fields in the data logger), but may also be measured in or digitized from plans.

<b>Field Name</b>	<b>Alias</b>	<b>Description</b>
<i>OBJECTID</i>	<i>OBJECTID</i>	<i>Auto-generated unique id for each record.</i>
<i>SHAPE</i>	<i>SHAPE</i>	<i>Auto-generated description of geometry (contains spatial reference, geometry type, etc)</i>
<i>Created</i>	<i>Date Created</i>	<i>Auto-generated timestamp of feature/row creation.</i>
<i>ModifiedLast</i>	<i>Modified Last</i>	<i>Auto-generated timestamp for last edit per feature/row.</i>
<i>ModifiedBy</i>	<i>User</i>	<i>NOT IN USE. Auto-generated username from system login.</i>
pt_id*	Point Id	Auto-incrementing numeric id generated by the total station data logger (generally starting at 1000 per each survey job).
easting	Easting	Easting in the local coordinate system brought directly in from the total station job. Not strictly necessary as the coordinates are already held (encoded) in the SHAPE field.
northing	Northing	Northing in the local coordinate system brought directly in from the total station job. Not strictly necessary as the coordinates are already held (encoded) in the SHAPE field.
elev	Elevation	Elevation in the local coordinate system brought directly in from the total station job. Can be used for labeling, etc.
pr_num	Profile Number	Short form for (cumbersome) section code for labeling, querying, etc.
pr_cd*	Profile Code	Use full section code (all caps). Used for linking through to tbl_drawings in the database.
date_*	Date	Date the point was TAKEN. Should be brought in during ingestion of total station point data from survey job.
source	Source	Most often the full survey job name (links to the tbl_survey_job in the database, e.g. 'CH04' or '26JUL05B'). If location is generated from scanned plan or geophoto, then put the full plan/drawing/geoph code here.
fin_plan	Final Plan	Designates whether or not the feature should be shown on the final plan.
comments	Comments	Use for any extraneous comments – especially for notes/flagging for accuracy checking.

**Feature Class:** misc

**Alias:** Misc

**Description:** This feature class should be used for all of the point data that doesn't have a place anywhere else. This means that it shouldn't really be used at all! It has been used in the past for shooting in some points such as corners of a slab or the crane, etc. It should be considered a temporary store for points which aren't mission critical.

<b>Field Name</b>	<b>Alias</b>	<b>Description</b>
<i>OBJECTID</i>	<i>OBJECTID</i>	<i>Auto-generated unique id for each record.</i>
<i>SHAPE</i>	<i>SHAPE</i>	<i>Auto-generated description of geometry (contains spatial reference, geometry type, etc)</i>
<i>Created</i>	<i>Date Created</i>	<i>Auto-generated timestamp of feature/row creation.</i>
<i>ModifiedLast</i>	<i>Modified Last</i>	<i>Auto-generated timestamp for last edit per feature/row.</i>
<i>ModifiedBy</i>	<i>User</i>	<i>NOT IN USE. Auto-generated username from system login.</i>
note_	Note	This field can be used for any temporary notes that may be needed during the clipping/interpolation process.
date_*	Date	Date the point was TAKEN. Should be brought in during ingestion of total station point data from survey job.
source	Source	Most often the full survey job name (links to the tbl_survey_job in the database, e.g. 'CH04' or '26JUL05B'). If location is generated from scanned plan or geophoto, then put the full plan/drawing/geoph code here.

**Feature Class:** cogo\_pt

**Alias:** COGO (point)

**Description:** Feature class used exclusively by surveyors for setting out points with the total station. This (and all other cogo\_ feature classes) is essentially a scratch area for drawing, on screen, locations to set out in order to get their local coordinates into the data logger.

<b>Field Name</b>	<b>Alias</b>	<b>Description</b>
<i>OBJECTID</i>	<i>OBJECTID</i>	<i>Auto-generated unique id for each record.</i>
<i>SHAPE</i>	<i>SHAPE</i>	<i>Auto-generated description of geometry (contains spatial reference, geometry type, etc)</i>
<i>Created</i>	<i>Date Created</i>	<i>Auto-generated timestamp of feature/row creation.</i>
<i>ModifiedLast</i>	<i>Modified Last</i>	<i>Auto-generated timestamp for last edit per feature/row.</i>
<i>ModifiedBy</i>	<i>User</i>	<i>NOT IN USE. Auto-generated username from system login.</i>
POINT	Point	Either an auto-incrementing numeric id generated by the total station data logger (generally starting at 1000 per each survey job), or arbitrary number for keying into data logger.
DATE_*	Date	Date the point was created and/or shot in the field.
POINT_X		Easting for on-screen digitized points (generated by the add x/y coordinates tool in ArcToolBox).
POINT_Y		Northing for on-screen digitized points (generated by the add x/y coordinates tool in ArcToolBox).
source	Source	This will probably usually be something like 'from on-screen digitizing', but, if a foresight, should be full survey Job Name.
comments	Comments	Use for any extraneous comments – especially for notes/flagging for accuracy checking.

**Feature Class:** cogo\_pl

**Alias:** COGO (line)

**Description:** Feature class used exclusively by surveyors for setting out lines for trenches, sections, etc. This (and all other cogo\_ feature classes) is essentially a scratch area for drawing, on screen, locations to set out in order to get their local coordinates for setting out with the total station/data logger.

<b>Field Name</b>	<b>Alias</b>	<b>Description</b>
<i>OBJECTID</i>	<i>OBJECTID</i>	<i>Auto-generated unique id for each record.</i>
<i>SHAPE</i>	<i>SHAPE</i>	<i>Auto-generated description of geometry (contains spatial reference, geometry type, etc)</i>
<i>Created</i>	<i>Date Created</i>	<i>Auto-generated timestamp of feature/row creation.</i>
<i>ModifiedLast</i>	<i>Modified Last</i>	<i>Auto-generated timestamp for last edit per feature/row.</i>
<i>ModifiedBy</i>	<i>User</i>	<i>NOT IN USE. Auto-generated username from system login.</i>
notes	Notes	Use for any extraneous comments – especially for notes/flagging for accuracy checking.
<i>SHAPE_Length</i>	<i>SHAPE_Length</i>	<i>Auto-generated field describing feature length.</i>

**Feature Class:** cogo\_pg

**Alias:** COGO (line)

**Description:** Feature class used exclusively by surveyors for setting out areas for trenches, sections, etc. This (and all other cogo\_ feature classes) is essentially a scratch area for drawing, on screen, locations to set out in order to get their local coordinates for setting out with the total station/data logger.

<b>Field Name</b>	<b>Alias</b>	<b>Description</b>
<i>OBJECTID</i>	<i>OBJECTID</i>	<i>Auto-generated unique id for each record.</i>
<i>SHAPE</i>	<i>SHAPE</i>	<i>Auto-generated description of geometry (contains spatial reference, geometry type, etc)</i>
<i>Created</i>	<i>Date Created</i>	<i>Auto-generated timestamp of feature/row creation.</i>
<i>ModifiedLast</i>	<i>Modified Last</i>	<i>Auto-generated timestamp for last edit per feature/row.</i>
<i>ModifiedBy</i>	<i>User</i>	<i>NOT IN USE. Auto-generated username from system login.</i>
notes	Notes	Use for any extraneous comments – especially for notes/flagging for accuracy checking.
<i>SHAPE_Length</i>	<i>SHAPE_Length</i>	<i>Auto-generated field describing feature length.</i>
<i>SHAPE_Area</i>	<i>SHAPE_Area</i>	<i>Auto-generated field describing feature area.</i>