


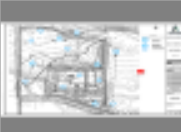




Changemarks Report

Project Name: 19-108 DeltaModTech

Workflow Started: 04/30/2019 11:27 AM





Report Generated: 05/31/2019 09:42 AM

Cycle	Complete?	Status	Department	Snapshot	File	Markup Name	Changemark Subject	Changemark Details	Markup Date	Updated By	Applicant Response
1	False	Unresolved	Civil Engineer		C1.pdf	LL	Cover sheet	A cover sheet is required for the construction set.	05/29/2019 2:09 PM	Len Linton	
1	False	Unresolved	Civil Engineer		C1.pdf	LL	Access Easement	Provide Cross access easement for driveway. This driveway will be the access for this site and the site to the east.	05/29/2019 2:09 PM	Len Linton	
1	False	Unresolved	Civil Engineer		15358_Final Plat.pdf	LL	Easement size	Easement must include entire infiltration basin. Easement must also include area for pond access vehicular path for future maintenance.	05/24/2019 9:11 AM	Len Linton	
1	False	Unresolved	Civil Engineer		15358_Delta ModTech Stormwater Management Report.pdf	LL	Diagram does not match	This diagram does not match the hydrocad model. There is a 20p in the model with an undefined reach connecting to 10P.	05/24/2019 9:29 AM	Len Linton	
1	False	Unresolved	Civil Engineer		15358_Delta ModTech Stormwater Management Report.pdf	LL	Swale 30 R	This swale must be defined in the model. See notes on grading plan regarding this swale and the required minimum grade.	05/24/2019 9:29 AM	Len Linton	
1	False	Unresolved	Civil Engineer		15358_Delta ModTech Stormwater Management Report.pdf	LL	Define all reaches	All reaches must be defined with physical dimensions of the pipes or swales they represent.	05/24/2019 9:29 AM	Len Linton	

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1	False	Unresolved	Civil Engineer		15358_Delta ModTech Stormwater Management Report.pdf	LL	Pond data Required	Include the BMP definition page for each BMP. These will need to be separate sheets inserted ahead of this summary.	05/24/2019 9:29 AM	Len Linton	
1	False	Unresolved	Civil Engineer		15358_Delta ModTech Stormwater Management Report.pdf	LL	Label	use the Project description to indicate what each run represents ie. 2019 buildout, ultimate buildout.	05/24/2019 9:29 AM	Len Linton	
1	False	Unresolved	Civil Engineer		15358_Delta ModTech Stormwater Management Report.pdf	LL	Infiltration basins	Need at least one soil boring in each basin. Boring must extend at least 5 feet below the bottom of the basin.	05/24/2019 9:29 AM	Len Linton	
1	False	Unresolved	Civil Engineer		15358_Delta ModTech Stormwater Management Report.pdf	LL	Surface Elevation	Surface elevations must be on plan datum, not an assumed datum.	05/24/2019 9:29 AM	Len Linton	
1	False	Unresolved	Civil Engineer		C8.pdf	LL	Watermain size	Watermain serving multiple hydrants must be 8".	05/24/2019 9:25 AM	Len Linton	
1	False	Unresolved	Civil Engineer		C8.pdf	LL	Watermain size	Watermain must be 8".	05/24/2019 9:25 AM	Len Linton	
1	False	Unresolved	Civil Engineer		C8.pdf	LL	Consider alternate location for water service	Consider alternate location for water service if building will be expanded in this area in the future. Building designers do not like to build over existing watermains.	05/24/2019 9:25 AM	Len Linton	
1	False	Unresolved	Civil Engineer		C8.pdf	LL	Verify Hydrant distance	Verify Hydrant distance from building with Fire Department.	05/24/2019 9:25 AM	Len Linton	




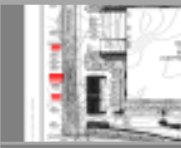


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1	False	Unresolved	Civil Engineer		C6.pdf	LL	Swale slope	Swale appears to be 0.3%. This is too flat to grade. The grade of the swale must be increased to 2.0% minimum. This is the City minimum for grass areas. This comment applies to all grass areas outside of ponds.	05/24/2019 9:27 AM	Len Linton	
1	False	Unresolved	Civil Engineer		C6.pdf	LL	SWPPP	A full SWPPP is required. A Construction Stormwater permit is required for this site. The SWPPP must include: All requirements of the construction stormwater permit. Map showing impacted waters within 1 mile of site. SWPPP designer information Inspection information. Notice of Termination information. This site is within 1 mile of the Mississippi River. Site stabilization must commence within 7 days after construction ceases.	05/24/2019 9:27 AM	Len Linton	
1	False	Unresolved	Civil Engineer		C6.pdf	LL	Pond access	A pond access route must be provided so that the pond can be cleaned in the future.	05/24/2019 9:27 AM	Len Linton	
1	False	Unresolved	City Planner		C1.pdf	EM	Changemark #01	Remove the ghosted future commercial/industrial lots shown on preliminary plat. Additionally, this would not be approved as ghosted in as it would result in a large land locked lot.	05/21/2019 3:00 PM	Eric Maass	




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1	False	Unresolved	Engineering Tech - Plan Review		C9.pdf	JJF	Standard Details	Use all applicable City Standard Details which can be found on the city website -> Engineering Page.	05/14/2019 3:30 PM	Joe Feriancek	
1	False	Unresolved	Engineering Tech - Plan Review		C8.pdf	JJF	Connect to existing	Call out how connection is being made.	05/15/2019 7:28 AM	Joe Feriancek	
1	False	Unresolved	Engineering Tech - Plan Review		C8.pdf	JJF	Sanitary & Watermain Stubs	8" PVC Sanitary and 8" DIP Water have been stubbed to the property. Sanitary Stub is north out of manhole near western entrance.	05/15/2019 7:28 AM	Joe Feriancek	
1	False	Unresolved	Engineering Tech - Plan Review		C8.pdf	JJF	FES 4 & 5	Update invert elevations	05/15/2019 7:28 AM	Joe Feriancek	
1	False	Unresolved	Engineering Tech - Plan Review		C8.pdf	JJF	Structure Drops	0.1' drop across structures	05/15/2019 7:28 AM	Joe Feriancek	
1	False	Unresolved	Engineering Tech - Plan Review		C8.pdf	JJF	Key Note 7	Follow City Standard Detail ERO-3 Rip Rap.	05/15/2019 7:28 AM	Joe Feriancek	
1	False	Unresolved	Engineering Tech - Plan Review		C8.pdf	JJF	Tie into existing sanitary manhole	If tying into manhole, must core-drill. This would also require a full width street patch matching the existing bunker lake boulevard section. 12" Cl. 5, 2" non wear, 3.5" wear.	05/15/2019 7:28 AM	Joe Feriancek	
1	False	Unresolved	Engineering Tech - Plan Review		C8.pdf	JJF	Trail Crossings	Trail driveway crossings will require ADA pedestrian ramps. the ramps will not be required to have truncated domes, but must meet slope requirements. An individual detail of each ped ramp will be required.	05/15/2019 7:28 AM	Joe Feriancek	





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1	False	Unresolved	Engineering Tech - Plan Review		C8.pdf	JJF	hydrant leads	call out pipe for hydrant leads.	05/15/2019 7:28 AM	Joe Feriancek	
1	False	Unresolved	Environmental Review		L2.pdf	CA	Shrub Size	Shrubs must be 24 inches in height (or width, depending on growth characteristics) at time of installation. Update Plant Schedule to specify required shrub size.	05/15/2019 1:09 PM	Chris Anderson	
1	False	Unresolved	Environmental Review		L2.pdf	CA	Seed Mix	In the infiltration basins, consider using a native seed mix such as 35-221 (for sandy/dry areas - short grasses).	05/15/2019 1:09 PM	Chris Anderson	
1	False	Unresolved	Environmental Review		L2.pdf	CA	Seed vs. Sod	Use of seed requires approval of City Council.	05/15/2019 1:09 PM	Chris Anderson	
1	False	Unresolved	Environmental Review		L2.pdf	CA	Topsoil	All disturbed areas not improved with impervious surfacing shall receive four (4) inches of topsoil with not more than 35% sand content.	05/15/2019 1:09 PM	Chris Anderson	
1	False	Unresolved	Environmental Review		L2.pdf	CA	Additional Trees	Consider shifting some of the proposed trees from elsewhere on site to the common lot line with the existing residential parcel to provide additional screening.	05/15/2019 1:09 PM	Chris Anderson	

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1	False	Unresolved	Environmental Review		L2.pdf	CA	Additional Bufferyard Plantings	There are no shrubs within the bufferyard and only 13 trees along this 370 feet of common boundary with the adjacent residential. Additional trees shall be incorporated and shrubs shall be added along this common boundary to provide better screening for the adjacent residential parcel.	05/15/2019 1:09 PM	Chris Anderson
1	False	Unresolved	Environmental Review		L1.pdf	CA	Bufferyard Width	This greenspace width must be increased to 60 feet to comply with the bufferyard requirement adjacent to existing residential or an application for a variance to deviate from this standard must be submitted.	05/15/2019 1:03 PM	Chris Anderson
1	False	Unresolved	Environmental Review		L1.pdf	CA	Parking Lot Landscaping	The calculations appear to be missing the 1 tree per 10 parking spaces, which results in an additional 28 trees required. The proposed landscaping, however, does have plantings within the parking lot and Staff is supportive of the overall planting plan.	05/15/2019 1:03 PM	Chris Anderson

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1	False	Unresolved	Environmental Review		L1.pdf	CA	Bufferyard Plantings	Per City Code Section 117-124(3)f, bufferyard plantings are to be 30% of the total required site landscaping. 30% of 163 is 49 trees and 30% of 545 is 163 shrubs. Based on the relatively short shared/common boundary line with the adjacent residential parcel, Staff acknowledges that it is not realistic to incorporate that amount of landscaping in this space. But, some additional plantings should be added to that area.	05/15/2019 1:03 PM	Chris Anderson	
1	False	Unresolved	Environmental Review		C3.pdf	CA	Bufferyard Width	Adjust this width to 60 feet to satisfy the bufferyard requirement adjacent to existing residential or an application for a variance to deviate from this standard must be submitted.	05/14/2019 11:57 AM	Chris Anderson	
1	False	Unresolved	Environmental Review		C3.pdf	CA	Number of Parking Stalls	These do not match up with the stall counts. There appear to be 96 parking spaces on the western side and 150 parking spaces on the eastern side. Please reconcile these numbers.	05/14/2019 11:57 AM	Chris Anderson	
1	False	Unresolved	Engineering Tech - Plan Review		C6.pdf	JJF2	Soil Boring Locations	Soil Borings are not shown on this plan. Looking at the Stormwater Management Report soil boring location map, it doesn't appear soil borings were taken within the infiltration basins.	05/14/2019 11:20 AM	Joe Feriancek	

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1	False	Unresolved	Environmental Review		C2.pdf	CA	Bufferyard Width	This width needs to be adjusted to 60 feet to satisfy the bufferyard requirement since it is adjacent to existing residential or an application for a variance to deviate from this standard must be submitted.	05/14/2019 11:57 AM	Chris Anderson	
1	False	Unresolved	Engineering Tech - Plan Review		C6.pdf	JJF	Secondary Silt Fence	Infiltration Basins need a secondary silt fence to be installed after excavation of the basins.	05/14/2019 12:26 PM	Joe Feriancek	
1	False	Unresolved	Engineering Tech - Plan Review		C6.pdf	JJF	Basin Information	Call out basin information, High Water Elevations, Bottom Elevation.	05/14/2019 12:26 PM	Joe Feriancek	
1	False	Unresolved	Engineering Tech - Plan Review		C6.pdf	JJF	Steep Slopes	Max 1:3 Slopes appears to be exceeded along east side.	05/14/2019 12:26 PM	Joe Feriancek	
1	False	Unresolved	Engineering Tech - Plan Review		C6.pdf	JJF	Line types	Property Limits and Retaining Wall have same line type.	05/14/2019 12:26 PM	Joe Feriancek	
1	False	Unresolved	Environmental Review		C1.pdf	CA	Bufferyard Width	A 60-foot bufferyard of greenspace is required to provide additional screening from the adjacent residential property or an application for a variance to deviate from this standard must be submitted. This will also be required for the southern most Future Commercial/Industrial lot adjacent to existing residential.	05/14/2019 11:56 AM	Chris Anderson	

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1	False	Unresolved	Environmental Review		C1.pdf	CA	Proposed Parking	Update this to reflect how many parking stalls are proposed.	05/14/2019 11:56 AM	Chris Anderson	
1	False	Unresolved	Engineering Tech - Plan Review		15358_Final Plat.pdf	JJF	Wetland Buffer	Need 16.5' wetland buffer to be inclosed within the drainage and utility easement.	05/14/2019 2:59 PM	Joe Feriancek	
1	False	Unresolved	Engineering Tech - Plan Review		15358_Final Plat.pdf	JJF	Utility Easement	Utility Easement over watermain loop and hydrants with enough space for construction.	05/14/2019 2:59 PM	Joe Feriancek	
1	False	Unresolved	Community Development Director		C8.pdf	Tim Gladhill	Access Easement	Easement required for this access on adjacent property.	05/06/2019 9:24 AM	Tim Gladhill	
1	False	Unresolved	Community Development Director		A3.1.pdf	Tim Gladhill	Exterior Finishes	Need building material information.	05/06/2019 9:20 AM	Tim Gladhill	
1	False	Unresolved	Community Development Director		A3.1.pdf	Tim Gladhill	Color Elevations	Please submit color elevations.	05/06/2019 9:20 AM	Tim Gladhill	
1	False	Unresolved	Community Development Director		15358_Final Plat.pdf	Tim Gladhill	Marketable Title	Marketable Title required prior to recording of Plat. Title information can be no older than 30 days at time of recording.	05/06/2019 9:18 AM	Tim Gladhill	
1	False	Unresolved	Community Development Director		15358_Final Plat.pdf	Tim Gladhill	County Surveyor Information	Update County Surveyor information.	05/06/2019 9:18 AM	Tim Gladhill	
1	False	Unresolved	Community Development Director		C1.pdf	Tim Gladhill	Trail Easement - Lake Itasca Greenway	Add trail easement for Lake Itasca Greenway.	05/06/2019 9:16 AM	Tim Gladhill	