PROJECT DEVELOPER

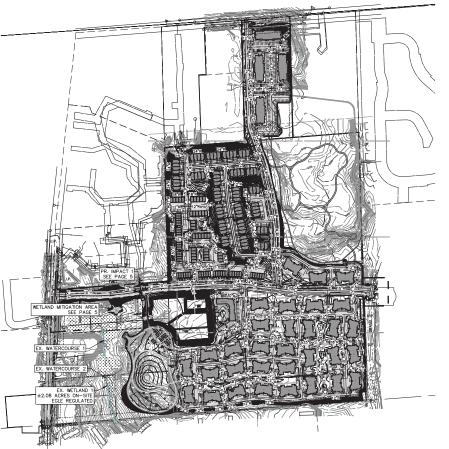
ROBERTSON BROTHERS HOMES 6905 TELEGRAPH ROAD SUITE 200 BLOOMFIELD HILLS MI, 48301 PHONE: 248.752.7402 ATTN: TIM LOUGHRIN

PROJECT CONSULTANTS

ATWELL, LLC TWO TOWNE SQUARE, SUITE 700 SOUTHFIELD, MI 48076 PHONE: 248.447.2000 FAX: 248.447.2001 ATTN: PETE HILL

VILLAGE OF ANN ARBOR

ANN ARBOR TOWNSHIP WASHTENAW COUNTY, MICHIGAN EGLE IMPACT PLANS



VERTICAL DATUM

ELEVATIONS ARE BASED ON THE NAVD 88 DATUM.

BASIS OF BEARING

STATE PLANE, MICHIGAN SOUTH, NAD 83 BASED UPON GPS OBSERVATIONS ALONG WITH SOLUTIONS PROVIDED BY O.P.U.S.







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WASI	É	WASHTENAW COUNTY, MICHIGAN	JNTY, I	¶CH	GAN

EGLE IMPACT PLANS COVER SHEET

DATE JANUARY 24TH, 2023

JAKT 241H, 202.

REVISIONS

AWN BY: MB ECKED BY: BS L: PH B #: 18002264 E CODE: -



SCALE: 1" = 200'

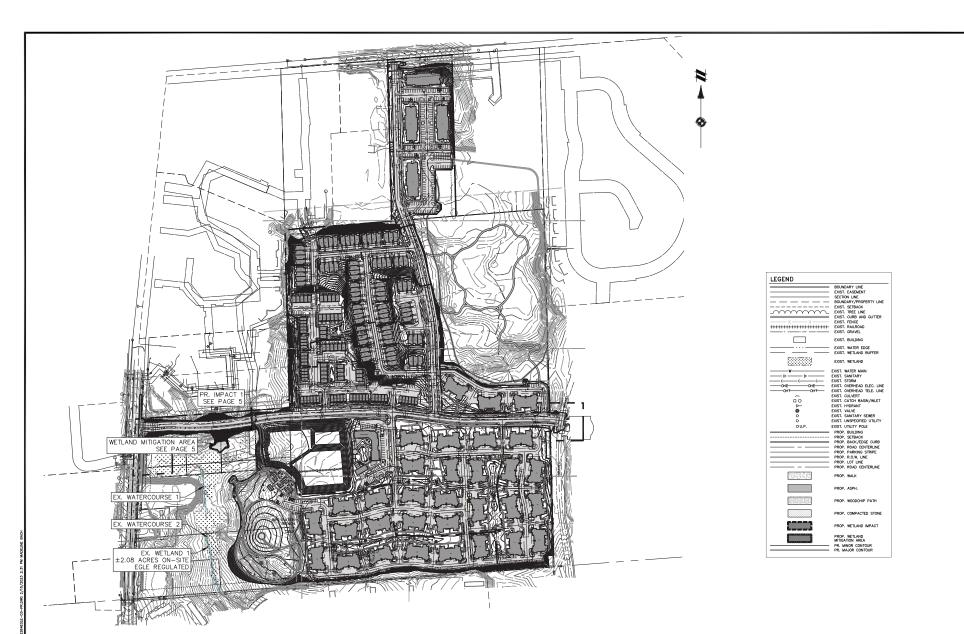
	SHEET INDEX TABLE
01	COVER SHEET
02	EXISTING CONDITIONS — OVERALL
03	PROPOSED CONDITIONS - OVERALL
04	PROPOSED IMPACTS
05	PROPOSED MITIGATION
06	MITIGATION TRANSECTS
07	MITIGATION DETAILS
08	MITIGATION NOTES



PROJECT VICINITY MAP

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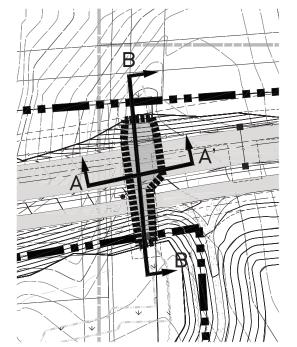
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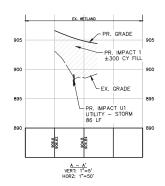
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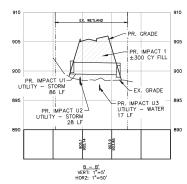
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Impact Number	Natural Feature	Natural Feature Type	Impact Type	Culvert/Pipe Type	Culvert/Pipe length (FT)	Permanent Impact Area (SF)	Impact Area (AC)	Permanent Wetland Fill (CY)	Permanent Wetland Cut (CY)	Rip-Rap/Gravel (CY)
1	Wetland 1	Emergent/Scrub-Shrub	Wetland Fill	=	-	1,445.5	0.03	300	-	-
U1	Wetland 1	Emergent/Scrub-Shrub	Utility - Storm	18" RCP	85	-	-	-	-	-
U2	Wetland 1	Emergent/Scrub-Shrub	Utility - Storm	15" RCP	28	-	-	-	-	-
U3	Wetland 1	Emergent/Scrub-Shrub	Utility - Water	12" DI	17	-	-	-	-	-
				Totals	130.00	1,445.50	0.03	300	0	0



ROBERTSON BROTHERS	VILLAGE OF ANN ARBOR EGLE IMPACT PLANS	PROPOSED IMPACTS					
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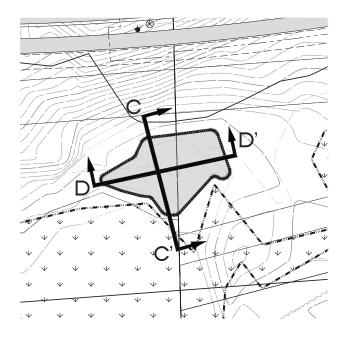
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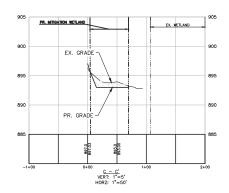
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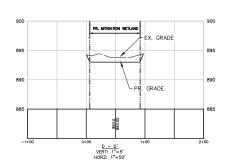
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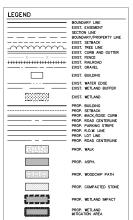
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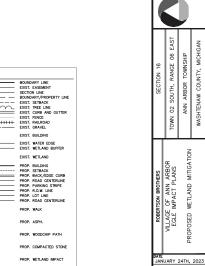
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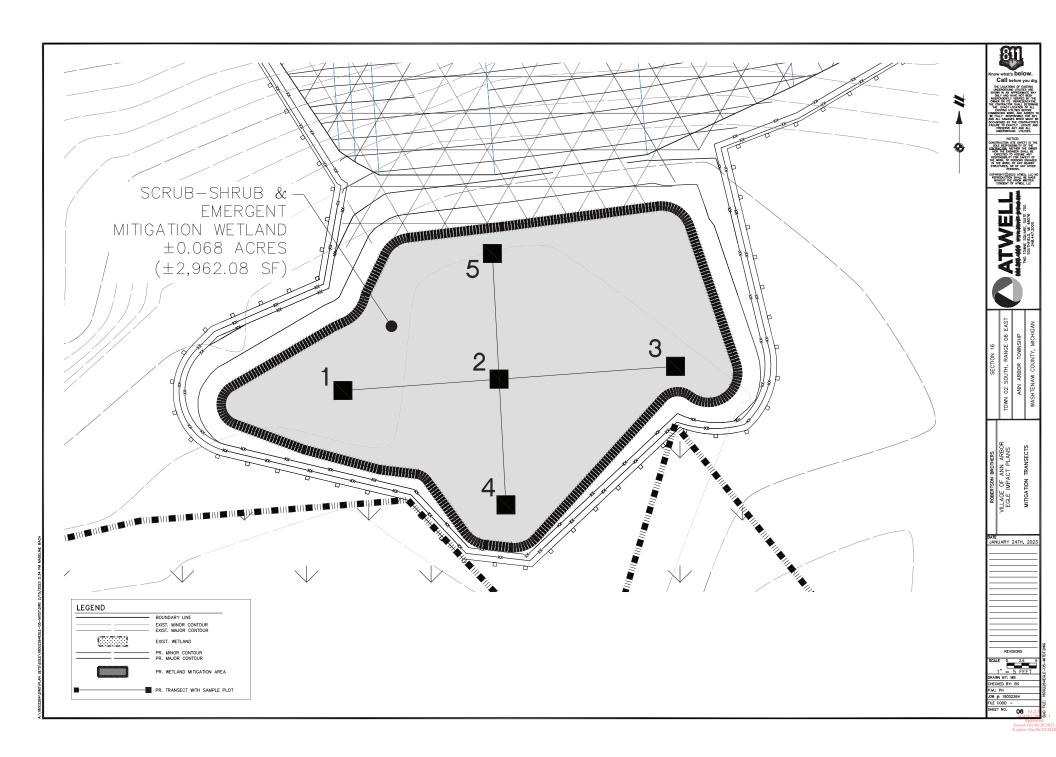


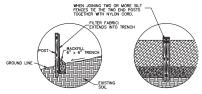






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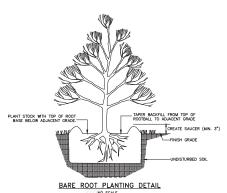




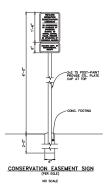
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SESC NOTES:

- ALL NECESSARY WASHTENAW COUNTY SOIL EROSION CONTROL PERMITS WILL BE SECURED PRIOR TO CONSTRUCTION.
- 2. NPDES PERMITS WILL BE SECURED PRIOR TO CONSTRUCTION.
- CONTRACTOR IS TO MAINTAIN SOIL EROSION CONTROL FENCING AS REQUIRED BE WASHTENAW COUNTY SOIL EROSION CONTROL.
- 4. ALL BERMS PROPOSED ARE TO BE COMPACTED.
- INSPECTION OF THE HYDROLOGY CONDITIONS ARE REQUIRED WEEKLY IN THE EARLY GROWING SEASON BY WETLAND CONSULTANT AND MONTHLY OR AFTER LANGE STORM EVENTS IN THE LATER GROWING SEASON, ADJUSTMENTS TO THE CONTROL STRUCTIONS MILL BE MADE TO PROMDE FOR THE APPROPRIATE SATURATION CONDITIONS.
- AN AS-BUILT PLAN SURVEY IS REQUIRED AFTER CONSTRUCTION TO INSURE THE MITIGATION AREA IS MET.



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EMERGENT WETLANDS SEED MIX

Emergent	Wetland	Seed Mix

Botanical Name	Common Name	Ounces/Acre
Permanent Grasses/Sedg	ges/Rushes:	
Bolboschoenus fluviatilis	River Bulrush	1.00
Carex comosa	Bristly Sedge	2.50
Carex lacustris	Common Lake Sedge	0.25
Carex Iurida	Bottlebrush Sedge	4.00
Carex stricta	Common Tussock Sedge	1.00
Carex vulpinoidea	Brown Fox Sedge	6.00
Eleocharis palustris	Great Spike Rush	1.00
Juncus effusus	Common Rush	1.00
Leersia oryzoides	Rice Cut Grass	3.00
Schoenoplectus acutus	Hard-stemmed Bulrush	2.50
Schoenoplectus americanu	s Chairmaker's Rush	3.00
Schoenoplectus tabemaen	c Softstem Bulrush	6.00
	Total	31.25 oz/acre
Temporary Cover:		
Avena sativa	Common Oat	360.00
Lolium multiflorum	Annual Rye	100.00
	Total	460.00 oz/acre
Forbs:		
Acorus americanus	Sweet Flag	0.50
Alisma spp.	Water Plantain (Various Mix)	2.00
Asclepias incamata	Swamp Milkweed	1.50
Cephalanthus occidentalis	Buttonbush	6.00
Decodon verticillatus	Swamp Loosestrife	0.50
Eutrochium maculatum	Spotted Joe-Pye Weed	0.50
Hibiscus spp.	Rosemallow (Various Mix)	4.00
Iris virginica	Blue Flag	6.00
Lobelia cardinalis	Cardinal Flower	0.25
Lobelia siphilitica	Great Blue Lobelia	0.25
Lycopus americanus	Common Water Horehound	0.25
Mimulus ringens	Monkey Flower	1.00
Peltandra virginica	Arrow Arum	16.00
Penthorum sedoides	Ditch Stonecrop	0.50
Polygonum spp.	Pinkweed (Various Mix)	0.50
Pontederia cordata	Pickerel Weed	10.00
Sagittaria latifolia	Common Arrowhead	2.00
Sparganium eurycarpum	Common Bur Reed	6.00
Verbena hastata	Blue Vervain	1.00
	Total	
	Mix Total	34.38 lbs/acre

Note: Schoenoplectus americanus to be removed from seed mix.

PLANTING SCHEDULE: WETLAND MITIGATION

Zone	Common Name	Scientific name	Plant	Number of Shrubs / Pounds of Wetland Seed Mix	Acreage to be Seeded
				Qty.	AC
Shrub	Winterberry	Ilex Verticillata	BR	4	
	Ninebark	Physocarpus opulifolius	BR	4	1
	Red Twig Dogwood	Cornus stolonifera	BR	4	1
	Meadowsweet	Spiraea alba	BR	4	1
	Nannyberry	Viburnum lentago	BR	4	1
Total	1			20	1
	Wetland Seed Mix		Mix lbs.	1.36	0.068
	Annual Rye Cover Ci	ops Seed Mix	Mix lbs.	2.04	0.068

Seed: Wetland seed mix available from Ernst Conservation Seeds, Inc. 8884 Mercer Pike, Meadville PA 16335.

Notes: All shrub vegetation is to be in the form of 24"-36" bare root (BR) or container.

All shrubs to be evenly spaced within mitigation area

If an exact planting species cannot be found, a suitable replacement will be used based upon approval from consultant and EGLE. Wetland Seeding Rate: 20 lb. per acre, or 1/2 lb. per 1,000 sq. ft.

Cover Crop Seeding Rate: Mix 30 lb. per acre annual rye with wetland seed mix.

Know what's below.

Call before you dig the Country of Desire of D





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MITIGATION DETAILS

DATE JANUARY 24TH, 2023

REVISIONS

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= 10 FEET

CREATION OF EMERGENT AND SCRUB SHRUB MITIGATION WETLAND IS BEING PROPOSED AT ONE (1) LOCATION ON SITE IDENTIFIED AS MITIGATION AREA. THE MITIGATION AREA IS TO BE LOCATED IMMEDIATELY ADJACENT TO EXISTING ON-SITE WETLANDS TO PROVIDE FOR INCREASED WETLAND FUNCTIONS AND VALUES WITHIN THESE AREAS.

DESCRIPTION OF WETLANDS TO BE IMPACTED

A TOTAL OF APPROXIMATELY 0.033 ACRES OF STATE AND CITY OF ANN ARBOR REGULATED PALLISTRINE EMERGENT AND SCRUB SHRUB WETLAND IMPACT IS PROPOSED FOR CONSTRUCTION OF THE PROJECT. THE WETLANDS ARE GENERALLY ISOLATED ON SITE WITH DISCHARGE VIA A SMALL WATERCOURSE EXTENDING OFFSITE TO THE SOUTH.

TYPICAL WETANOV VIGETATION WITHIN THE PROPOSED AREA OF IMPACT INCLUDES: FOW, MANINA GRASS (GIVETRIA STRATA), REED CANARY GRASS (PHALARIS ARUNDIBACEA), SWAMP AGRIMONY (AGRIMONNA PARIYICHA), AND SEDGES (CARES SP). SHRIJU VIGETATION WITHIN THIS AREA INCLUDES WILLOWS (SALIX DISCOLOR, S. BEBRIANA, AND S. EXIGUAL, BUCKTHORKS, NANNYERSKY (VIURUMUM IEDTAGOL) AND DOGWOODS (CORNINS FORMAN AND C. ANOMINIA).

DOMINANT UPLAND VEGETATION WITHIN UPLAND AREAS ADJACENT TO THE ON SITE WETLANDS INCLUDE QUEEN ANNE'S LACE (DAUCUS CAROTA), CANADA BLUEGRASS (POA COMPRESSA) ORCHARD GRAS (DACTYLIS GLOMERATA), COMMON MILKWEED (ASCLEPAS SYRIACA), WHITE CLOVER (TRIFOLIUM REPENS), OX EYE DASY (LEUCANTHEMUM VULGABE), RED CLOVER (TREFOLIUM PRATESES), AND TIMOTHY GRASS (PHILLUM PRATESES). SHRIBE SYFICES OBSERVED ON STE MICLUDE EURASIAH HONEYSUCKES (LONICERA SPE), WILLIOWS (SILLIS SPE), COMMON BUCKTHORN (REMANULS CATHORN (REMANULS CATHORN (REMANULS CATHORN (REMANULS CATHORN) REMANULS CATHORN (REMANULS CATHORN (REMANULS CATHORN (REMANULS CATHORN) REMANULS CATHORN (REMANULS CATHORN (REMANULS CATHORN (REMANULS CATHORN (REMANULS CATHORN) REMANULS CATHORN (REMANULS CATHORN (REMANULS

EXISTING IMPACTED WETLAND FUNCTIONS

E MAIN FUNCTIONS PROVIDED BY WETLAND SYSTEMS INCLUDE FLOOD STORAGE. FISH AND WILDLIFE HABITAT, GROUNDWATER RECHARGE, WATER QUALITY PROTECTION, STORMWATER

MUNICIPE MAINTA, AND WAS HIGH STRANG, LIGHT ON A THE SETSING MITHAUL GOVERN THE SELECTION OF PART TO RESET AND DOLUMENCE OF WASHING SECES, ADDITIONAL HIGH TOWN WHITE MAINTAIN OF CHARGO WASHING THE WASHING SECES, ADDITIONAL HIGH TOWN WHITE MAINTAIN OF CHARGO WASHING THE WASHING AND THE MAINTAIN OF THE MAINTAIN OF THE MAINTAIN OF THE WASHING AND THE WASHING AND THE WASHING AND THE MAINTAIN OF THE WASHING AND THE WASHING AND THE WASHING AND THE MAINTAIN OF THE WASHING AND THE THESE SPECIES

THE MAJORITY OF THE IMPACTED WETLAND EXHIBITS SHALLOW STANDING WATER FOR MOST OF THE GROWING SEASON WHICH PROVIDE POLLUTION TREATMENT FUNCTION AS A BIOLOGICAL AND CHEMICAL OXIDATION BASIN.

EXISTING CONDITIONS AT PROPOSED WETLAND MITIGATION AREAS

THE PROPOSED MITIGATION AREA IS GENERALLY OPEN IN NATURE EXHIBITING LIMITED AND/OR LOW QUALITY VEGETATION COVER. THIS AREA SUPPORTS TYPICAL WEEDY AND/OR INVASIVE EXOTIC HERBACEOUS AND WOODY VEGETATION.

EXISTING SIGLS WITHIN THE PROPOSED MITIGATION ASEA IS FOR. FOX SANDY LOAM, 22 TO 18 PERCENT SLOPES SIMILAR TO THOSE FOUND THROUGHOUT THE STE. FIELD INVESTIGATION HAS CONFIRMED THAT THE SESS SIGLS ARE GENERALLY HIGHLY COMPACTED AND HIGH IN CLAY FORTHET. THE DISTING SOILS PRESENT WITHIN THE PROPOSED MITIGATION ASEA MILL ENGINE HYBOLOGIC SETENTION WITHIN THE MITIGATION ASEA MILL ENGINE OF THE PROPOSED MITIGATION ASEA MILL ENGINE HYBOLOGIC SETENTION WITHIN THE MITIGATION ASEA MILL ENGINE OF THE PROPOSED MITIGATION ASEA MILL ENGINE HYBOLOGIC SETENTION WITHIN THE MITIGATION ASEA MILL ENGINE HYBOLOGIC SETENTION WITHIN THE MITIGATION ASEA SIMILL ENGINE HYBOLOGIC SETENTION WITHIN THE MITIGATION ASEA MILL ENGINE HYBOLOGIC SETENTION WITHIN THE MITIGATION ASEA SIMILL ENGINE HYBOLOGIC SETENTION WITHIN THE MITIGATION ASSOCIATED HYBOLOGIC SETENTION WITHIN THE MITIGATION ASSOCI

PROPOSED WETLAND MITIGATION DESIGN

THE MITTIGATION AREA IS TO BE LOCATED IMMEDIATELY ADJACENT TO EXISTING ON-SITE WETLANDS TO PROVIDE FOR INCREASED WETLAND FUNCTIONS AND VALUES WITHIN THESE AREAS. THE PROPOSED MITTIGATION AREA WILL PROVIDE FOR AN EXPANDED SCRUB-SHRUB COMPONENT ADJACENT TO THE EXISTING WETLANDS IN THIS AREA.

THE PROPERTY OF THE PROPERTY O

THE PROPOSED MITIGATION WETLAND WILL PROVIDE STORMWATER STORAGE AND EROSION CONTROL FOR THE SURROUNDING DEVELOPED UPLAND AREAS, GRADES WITHIN THE MITIGATION THE PROPERS MITIGATION WITHOUT STEPHONE TO REMOVE THE PROPERTY OF THE SUBSCIDENCE THE SUBSCIDENCE STEPHONE THE SUBSCIDENCE THE SUBSCIDENCE THE SUBSCIDENCE STEPHONE SUBSCIDENCE STEPHONE STEPHONE THE SUBSCIDENCE STEPHONE SUBSCIDENCE STEPHONE STEPH SALVAGED WETLAND SOILS AND THE AREAS WILL BE SEEDED WITH A NATIVE WETLAND SEED MIX TO INCREASE VEGETATION SPECIES DIVERSITY.

THE PROPOSED VEGETATION INSTALLATION SCHEDULE IS INCLUDED ON THE MITIGATION GRADING/PLANTING SHEET.

THE SPECIES COMPOSITION FOR THE SEED MIXES ARE INCLIDED ON THE MITIGATION GRADING/PLANTING SHEET. SEED MIXES SHALL INCLIDE THE NOTED SPECIES OR APPROVED FOLIDLY ALTERNATION OF THE SPECIES OF APPROVED FOLIDLY AND THE SPECIES OF APPROVED FOLIDLY AN ACCEPTABLE NURSERIES INCLUDE:

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**ERNOT SERIO DE DE PLANT SERIO DE P NUMBERS OF SHRUBS ARE TO BE INSTALLED PER THE TARGET AREAS IDENTIFIED IN THE PLANTING SCHEDULE. EXACT LOCATIONS OF EACH PLANTING HAVE NOT BEEN IDENTIFIED ON THE MITIGATION PLANS AS LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY WETLAND CONSULTANT ACCORDING TO HYDROLOGIC CONDITIONS.

IMMEDIATELY AFTER PLANTING. THE MITIGATION AREAS ARE TO BE OVERSEDED WITH THE SPECIFIED WETLAND MIX APPROPRIATE FOR SEASONALLY SATURATED CONDITION

INCREASED HYDROLOGICAL RETENTION WITHIN THE MITIGATION WETLAND TO PROVIDE SEASONAL SHALLOW WATER WILL PROVIDE POLLUTION TREATMENT FUNCTION VIA BIOLOGICAL AND CHEMICAL OXIDATION PROCESSES.

HYDROLOGY FOR THE WETLAND MITIGATION AREAS WILL BE PROVIDED VIA A NUMBER OF SQUREES INCLUDING FUNDER FROM THE SURROLLHONG UPLAND WATERSHED, DUEST PREPARED AND PROVIDED AND PROVIDED AND WATERSHED, DUEST PREPARED AND PROVIDED AND WATERSHED, DUEST PREPARED AND PROVIDED AND PROVIDED AND WATERSHED, DUEST PREPARED AND PROVIDED AND WATERSHED, DUEST PREPARED AND PROVIDED AND PROVIDED

THE DECISION TO PROVIDE THE REQUIRED WETLAND MITIGATION FOR THE PROJECT ON SITE WAS BASED ON A NUMBER OF FACTORS. A MAJOR CONSIDERATION WAS THE CITY OF ANN ARBORS DIRECTIVE TO PROVIDE MITIGATION WITHIN THE CITY.

THE SPECIFIC LOCATIONS FOR THE MITIGATION AREA WAS CHOSEN BASED ON CRITERIA FOR SUCCESS OF THE PROPOSED WETLAND AND TO TAKE ADVANTAGE OF THE EXISTING NATURAL AMENITIES ON THE SITE TO DEVAND THE EUNCTIONS AND VALUES ASSOCIATED WITH THE MITIGATION WETLAND. THE MITIGATION SITE IS IMMEDIATELY ADJACENT TO EXISTING WETLAND SYSTEMS. AND WILL BERNEFIT PROWN THE PROMINTY.

WETLAND MITIGATION PERFORMANCE STANDARDS

THE MITIGATION WETLANDS WILL BE MONITORED PER THE CRITERIA AND PERFORMANCE STANDARDS SPECIFIED IN THE FINAL PERMIT. STANDARD PERFORMANCE STANDARDS ARE AS FOLLOWS: THE FOLLOWING PERFORMANCE STANDARDS WILL BE LISED TO EVALUATE THE MITIGATION WETLAND:

- CONSTRUCTION HAS BEEN COMPLETED IN ACCORDANCE WITH THE EGLES AND CITY OF ANN ARBOR APPROVED PLANS AND SPECIFICATIONS INCLUDED IN THE PERMIT AND MITIGATION PLAN.
- THE MITIGATION WETLAND IS CHARACTERIZED BY THE PRESENCE OF WATER AT A FREQUENCY AND DURATION SUFFICIENT TO SUPPORT A PREDOMINANCE OF WETLAND VEGETATION AND WETLAND TYPES SPECIFIED AT THE RIND OF THE MONITORING PERIOD.
- A LAYER OF HIGH-QUALITY TOPSOIL, FROM THE A HORIZON OF AN ORGANIC OR LOAMY SURFACE TEXTURE SOIL, IS PLACED (OR EXISTS) OVER THE ENTIRE WETLAND MITTIGATION AREA AT A MUM THICKNESS OF SIX (6) INCHES.
- THE MITIGATION WET AND SHALL BE EDGE OF OIL GREASE DEBRIS AND ALL OTHER CONTAMINANTS
- THE MEAN PERCENT COVER OF NATIVE WETLAND SPECIES IN THE HERBACEOUS LAYER AT THE END OF THE MONITORING PERIOD IS NOT LESS THAN

THE MEAN PRECENT COVER OF NATION SPECES IN THE HERACIOUS LAYER AT THE END OF THE MONITORING PERIOD IS NOT LESS THAN:

SOFT (60) PRECENT FOR EXPECTED WITHARD.

BISHT (80) PRECENT FOR EXPECTED WITHARD.

EXPECTATION SHALL NOT EXCEED 20 PERCENT OF THE MITHARD SPECES OF THE MITHARD AREA. FOR THE PURPOSES OF THESE PERFORMANCE STANDARD, EXTENSIVE AREA. OF THE PURPOSES OF THESE PERFORMANCE STANDARD, EXTENSIVE AREA. OF THE PURPOSES OF THESE PERFORMANCE STANDARD, EXTENSIVE AREA. THE PURPOSES OF THESE PERFORMANCE STANDARD, EXTENSIVE AREA. THE PURPOSES OF THESE PERFORMANCE STANDARD, EXTENSIVE AREA. THE PURPOSES OF THESE PERFORMANCE STANDARD, EXTENSIVE AREA.

THE TOTAL PERCENT COVER OF WETLAND SPECIES IN EACH PLOT SHALL BE AVERAGED FOR PLOTS TAKEN IN THE SAME WETLAND TYPE TO OBTAIN A MEAN PERCENT COVER VALUE FOR EACH

THE MITIGATION WETLAND SUPPORTS A PREDOMINANCE OF WETLAND VEGETATION (AS DEFINED IN THE EGLE WETLAND IDENTIFICATION MANUAL") IN EACH VEGETATIVE LAYER, REPRESENTED BY A MINIMUM NUMBER OF NATIVE WETLAND SPECIES, AT THE END OF THE MONITORING PERIOD. THE MINIMUM NUMBER OF NATIVE WETLAND SPECIES PER WETLAND TYPE SHALL NOT BE LESS AN: 15 SPECIES WITHIN THE EMERGENT WETLAND.

 IS SPECIES WITHIN THE FORESTED WETLAND.
 THE TOTAL NUMBER OF NATIVE WETLAND PLANT SPECIES SHALL BE DETERMINED BY A SUM OF ALL SPECIES IDENTIFIED IN SAMPLE PLOTS OF THE SAME WETLAND TYPE. AT THE END OF THE MONITORING PERIOD. THE MITIGATION WETLAND SUPPORTS A MINIMUM OF:

THREE HUNDRED (300) INDIVIDUAL SURVIVING, ESTABLISHED, AND FREE-TO-GROW SHRUBS PER ACRE IN THE SCRUB SHRUB WETLAND THAT ARE CLASSIFIED AS NATIVE WETLAND SPECIES CONSISTING OF AT LEAST THREE DIFFERINT SPECIES. PHYSIOGNOMIC CLASSIFICATION OF TREES AND SHRUBS SHALL BE IN ACCORDANCE WITH THE MICHIGAN FLORISTIC QUALITY ASSESSMENT (MICHIGAN DEPARTMENT OF NATURAL RESOURCES, 2001)

THE MEAN PERCENT COVER OF INVASIVE SPECIES INCLUDING, BUT NOT LIMITED TO, PHRAGMITES AUSTRALIS (COMMON REED), LYTHRUM SALICARIA (PURPLE LOOSESTIRIE), AND PHALARIS
ARROBINGALE REED CANARY (RSSS) SHALL IN COMBINATION BE LIMITED TO NO MORE THAN TEN (LD) PERCENT WITHIN EACH WETLAND TYPE: INVASIVE SPECIES SHALL NOT DOMINATE THE
VECETATION AN ARY PETITISNEY AREA OF THE MINISTRON WETLAND.

VEGETATION IN ANY EXPENSIVE ARRANGE FICE WITHOUT HIS ANY EXPENSIVE ARRANGE AND FICE WITHOUT HEAD ANY WETLAND TYPE OR IF THERE ARE EXTENSIVE AREAS OF THE MITIGATION WETLAND IN WHICH AN INVASIVE SPECIES IS ONCE THAN TEACH THAT IT IS

INVASIVE SPECIES IS ONCE OF THE DOMINANT PLANT SPECIES, THE PERMITTEE SHALL SUBMIT AN EVALUATION OF THE PROBLEM TO THE EGLE. IF THE PERMITTEE DETERMINES THAT IT IS

INFEASIBLE TO REDUCE THE COVER OF INVASIVE SPECIES TO MEET THE ABOVE PERFORMANCE STANDARD, THE PERMITTEE MUST SUBMIT AN ASSESSMENT OF THE PROBLEM, A CONTROL PLAN, AND THE PROBLETED PERCENT COVER THAT CAN BE ACHIEVED FOR REVIEW BY THE EGLE. BASED ON THIS INFORMATION, THE EGLE MAY APPROVE AN ALTERNATIVE INVASIVE SPECIES STANDAR ANY ATERNATIVE MAYANDS SPECIES STANDARDARD MUST ARE PROPOSED ON WHITE MOST.

IF THE MITIGATION WETLAND DOES NOT SATISFACTORILY MEET THESE STANDARDS BY THE END OF THE MONITORING PERIOD, OR IS NOT SATISFACTORILY PROGRESSING DURING THE MONITORING PERIOD. THE PERMITTEE WILL BE REQUIRED TO TAKE CORRECTIVE ACTIONS.

WETLAND MITIGATION MONITORING PLAN

LOCATIONS OF VEGETATIVE SAMPLING TRANSECTS ARE INCLUDED ON THE MITIGATION GRADING/PLANTING SHEET.

DECLUDEMENTS FOR A STANDARD MONITORING DIANIARE AS FOLLOWS:

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SHALL CONDUCT THE FOLLOWING ACTIVITIES AND PROVIDE THE ROFMANDOR COLLECTION IN THE MONITORING REPORTS:

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THE NUMBER AND SPECIES OF SURVIVING, ESTREEDISED, AND PREFETORISON THESE SHALL BE RECORDED FOR EACH SET FOOT ARRIDOS. D.C. TO A FOR EACH PARKET SPECIES ON THE PROPERTY OF THE

THE LOCATIONS OF SAMPLE TRANSECTS AND PLOTS SHALL BE IDENTIFIED IN THE MONITORING REPORT ON A PLAN VIEW SHOWING THE LOCATION OF WETLAND TYPES. EACH TRANSECT AND SAMPLE PLOTS SHALL BE PERMANENTLY AND VISIBLY STAKED AT A FREQUENCY SUFFICIENT TO LOCATE THE TRANSECT AND SAMPLE PLOTS IN THE FIELD.

- DELINEATE ANY EXTENSIVE (GREATER THAN 0.01-ACRE IN SIZE) OPEN WATER AREAS, BARE SOIL AREAS, AREAS DOMINATED BY INVASIVE SPECIES, AND AREAS WITHOUT A PREDOMINANCE OF WETLAND VEGETATION, AND PROVIDE THEIR LOCATION ON A PLAN VIEW.
- OF WEITAMO VEGETATION, AND PROVIDE THEIR LOCATION ON A PLAY VIEW.

 DOCUMENT ANY SIGHTINGS OR EVIDENCE OF WADING BIRDS, SONGBIRDS, WATERFOWL, AMPHIBIANS, REPTILES, AND OTHER ANIMAL USE (LODGES, NESTS, TRACKS, SCAT, ETC.) WITHIN THE WEITAMO NOTED DURING MONITORING. NOTE THE NUMBER, TYPE, DATE, AND HOUR OF THE SIGHTINGS AND EVIDENCE.
- NISPECT THE STE, DURING ALL MONITORING VISTS AND DESCRIPTION, FOR ICE, MAIN AND EVENDRICE.
 NISPECT THE STE, DURING ALL MONITORING VISTS AND DESCRIPTIONS, FOR ICE, DESCRIPTION AND EVENDRE THE PROPERTY OF THE PROPERTY OF THE MONITORING VISTS AND DESCRIPTION OF THE PROPERTY OF THE MONITORING VISTS AND DESCRIPTION OF THE PROPERTY OF THE MONITORING VISTS AND DESCRIPTION OF THE MONITORING VISTS AND D
- AND, GOLD, ELLEGIN, JOH COLSCIAIS IN THE WATER CLOSE IN THE WATER CLOS

STANDARDS AND WHETHER EACH STANDARD HAS BEEN MET.

PROVIDE A WRITTEN SUMMARY OF ALL THE PROBLEM AREAS THAT HAVE BEEN IDENTIFIED AND POTENTIAL CORRECTIVE MEASURES TO ADDRESS THEN A QUALIFIED INDIVIDUAL ABLE TO IDENTIFY PLANTS TO GENUS AND SPECIES MUST CONDUCT THE WETLAND MONITORING. THE EGLE RESERVES THE RIGHT TO REJECT REPORTS WITH

SUBSTANDARD MONITORING DATA. THE EGLE WILL DETERMINE IF THE PERFORMANCE STANDARDS HAVE BEEN MET. IF THE PERFORMANCE STANDARDS HAVE NOT BEEN MET, THE EGLE MAY REQUIRE CORRECTIVE ACTIONS AND

LIRSPOLIENT ANNUAL MONITORING LINTIL FINAL APPROVAL FROM THE EGLE CAN BE GRANTED

- RIOR TO FINAL WRITTEN APPROVAL OF THE MITIGATION BY THE EGLE, THE PERMITTEE SHALL SUBMIT THE FOLLOWING: A WRITTEN STATEMENT THAT THE MITIGATION IS COMPLETE AND REQUEST FOR FINAL APPROVAL OF THE MITIGATION.
- A COPY OF THE PERMIT
- "AS-BUILT" PLANS AND SPECIFICATIONS SIGNED AND SEALED BY A REGISTERED SURVEYOR OR LICENSED ENGINEER
- A SURVEYE BOUNDARY OF THE ESTABLISHED WETLAND WITHIN THE MITIGATION AREA, INCLUDING THE TOTAL ACREAGE OF THE MITIGATION WETLAND AND THE ACREAGE OF EACH TYPE
 OF WETLAND CREATED. THE WETLAND BOUNDARY SHALL BE FLAGGED AND NUMBERED BY THE FIELD TO ALLOW EASY BUFFECATION BY EGUE FIELD STAFF.

 COMPRETE ALL MONOTROWNS REQUIREMENTS INCLUDING THE SUBMETTAL OF ALL REQUIRED MONITORING MONOTROWNS REQUIREMENTS INCLUDING THE SUBMETTAL OF ALL REQUIRED MONITORING AND THE STAFF.

WETLAND MITIGATION CONSTRUCTION SCHEDULE

CONSTRUCTION OF THE MITHERITOR MADE WAS ERROR MORE. THE FIRMA SEE REFORM THE SUSPECT CONCEINED AND THE MITHERITOR MADE WAS ERROR MORE THE FIRM SEE REFORM THE MADE OF THE SAME THE S

NOTIFY THE FGLE'S DISTRICT OFFICE. IN WRITING AND WITHIN 20 DAYS OF COMPLETION OF EACH OF THE FOLLOWING ITEMS

- FINAL GRADING SEEDING AND PLANT INSTALLATION
- BRUSH AND CLEAR WORK AREA AS NECESSARY INSTALL ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH THE APPROVED PLAN AND PERMIT CONDITIONS
- STRIP TOPSOIL FROM MITIGATION AREA FOOTPRINTS. STOCKPILE ADJACENT TO EXCAVATION AREAS.
- EXCAVATE MITIGATION AREAS TO PROPOSED GRADES PER GRADING PLAN
- OVER EXCAVATE AS NECESSARY (6" BELOW PROPOSED GRADES) TO ALLOW FOR PLACEMENT OF 6" TOPSOIL/WETLAND SOIL LAYER.

- OVER DECAMPATION RESEARCY (SEE LEGALW RECOVERED GARDES) OR ALLOW FOR HAZAMENT OF IT TOPICIA, WITCHARD SOL LAYER,

 STEERING HAT ROBOTO CHANNING RESEARCH SET AND AND EXPLANTING SETS AND ALLOHER AND AREA WITCHARD SOLD AND AREA WITCHARD SOLD SETS AND AREA WITCHARD SOLD AND AREA WITCHARD SOLD SETS AND AREA WITCHARD SOLD AND AREA WITCHARD SOLD SETS AND AREA WITCHARD SOLD AND AREA WITCHARD SOLD
- INLU MIRADINES.
 PER PLAN MAINTAIN ALL TEMPORARY AND PERMANENT CONTROL MEASURES DALLY AND AS NEEDED BASED ON-SITE INSPECTIONS.
 COMPLETE PERMANENT SOIL EROSION CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES, OR ANY DISTURBED LAND AFTER FINAL GRADING OR THE FINAL EARTH CHANGE HAS
- NOTIFY THE PERMITTING AGENCY FOR A FINAL INSPECTION WHEN THE PROJECT IS COMPLETED
- PLANT MATERIALS TO BE WATERED AFTER INSTALLATION OF BARE ROOT SHRUBS AND SEED
- INSTALL SHRUBS PER PLANTING PLAN.
 INSTALL WETLAND SEED MIX WITHIN MITIGATION AREAS PER PLANTING PLAN.

- INSTALL WETLAND SEED MIX WITHIN MI IIGALIUM AREAD YER FLAVILING FLAVI.
 RECEME FINAL APPROVAL FOR SOIL BESTONG CONTROL MEASURES
 REMOVE ALL TEMPORARY CONTROL MEASURES AFTER PERMANENT SOIL EROSION CONTROL MEASURES ARE IN PLACE AND THE AREA IS STABILIZED.

THE MITIGATION AREAS AND COURT ON THE VALUE OF CAME AREAS PROFEST AND PERMANENT ACCESS TO THEIR EASE, WILL SE PROFESS THE REPORT A CORRESPONDED AND ADMINISTRATION OF THE PROFESS THE REPORT A CORRESPONDED AND ADMINISTRATION OF THE PROFESS THE REPORT AND ADMINISTRATION OF THE PROFESS TH

THE CONSERVATION EASEMENT BOUNDARY SHALL BE DEMARCATED BY THE PLACEMENT OF SIGNS ALONG THE PERIMETER. THE SIGNS SHALL BE PLACED AT AN ADEQUATE FREQUENCY (AT 50' INTERVAL) VISIBILITY, AND HEIGHT FOR VIEWING, MADE OF A SUITABLE MATERIAL TO WITHSTAND CLIMATIC CONDITIONS, AND SHOULD BE REPLACED AS NEEDED. THE SIGNS SHALL INCLUDE THE FOLLOWING LANGUAGE:

> WETLAND CONSERVATION EASEMENT WETLAND CONSERVATION EASEMENT
> NO CONSTRUCTION OR PLACEMENT OF STRUCTURES ALLOWED
> NO MOWING, CUTTING, FILLING DREDGING OR
> APPLICATION OF CHEMICALS ALLOWED
> MICHIGAN DEPARTMENT OF ENVIRONMENTAL QUALITY

EXCEPT AS OTHERWISE PROVIDED BY THIS PERMIT OR APPROVED IN WRITING BY THE GIG., THE FOLLOWING ACTIVITIES ARE PROHIBITED IN PERPETUTY WITHIN THE MITIGATION AREA:
ALTERATION OF TOPOGRAPHY, CREATION OF PATHS, TRAILS, OR READES, PALCEMENT OF FALL, DREDGING, OR EXCAVATION, DRAINAGE OF SUBFACE OR REQUINDWAITE; CONSTRUCTION OR
PACKEMENT OF ANY SEQUENCE, PLOWING, FULLING, OR CULTIVATION HE SOUS ORS WESTATION, CULTIVING, EMPOUR, OR ALTERATION OF VESTATION; MICHORY HE ADMITS OF
NON-HAITE PARM SPECIES, CONSTRUCTION OF UNMALTHORIZED UTFLIT OR PETPOLUTION HINS, STORAGE OR DREPOSAL OF GRABBER, TRAIS, DEBBS, ABANDONED EQUIPMENT, ACCUMULATION
OR ACCUMENT OR WASTE WATER THE AUGUST OF THE WATER AND THE OFFICIAL PROPERTY OF THE WATER AND THE OLD AREASE OF THE O WATER (EXCEPT AS OTHERWISE ALLOWED IN THIS PERMIT).

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MICHIGAN 9 COUNTY, WASHTENAW

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JANUARY 24TH, 202

PENSIONS

DRAWN BY: MB CHECKED BY: BS JOB #: 18002264

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