× × × × × × × × × × × × × × × × × × ×		UTILITY EASEMENT &
UTILITY EASEMENT STORM SEWER	CATCH_BASIN 495. (EXISTING 8" SANITARY SEWER
	X = -X = -X = -X = -X = -X = -X	xxxxxxxx -
CATCH BASIN 694.35		EXISTING 8" D.I.W.M. LUTILITY EASEMENT
EXISTING DETENTION	T) Total	● ====== × × × × × × × × × × × × × × × ×
BASIN T/B = 696.0 HWL=695.0 NWL=690.5 VOL. PROV. = 1.62 AC-FT	SP LAUN	131.25'
DEPRESSED	(1) Vide	FF=695.73 RAISED FOUNDATION WALL. $ \begin{array}{c} $
	(6) Tampa (2) Tampa (2) Tampa (3) SmpDk (3) SmpDk	(SEE ARCH. PLANS) T/T=695.73 T/F=697.85 T/F=697.85
CATCH BASIN CATCH BASIN	96.9 W LAWN	20 (2) SmpDk 20 (2) Tamd 18'01 45.00'
690.64, N,S & E 695.91 691.06 V	GARBAGE AREA	ONE STORY BLOCK BUILDING 88
(10) Tamd (10) Tamd (10) Tamd (10) Tamd (10) Tamd	HMARK #3 S CUT IN NAVO 8B =696.77 CD -28 SF OF P.C.C.	45.02' ×
95.59tc (2) Ceoc Ged) (2) Ceoc Ged) (3) Pudac		72.48, X
(1) PudaC 4 Cal. (7) Cale (5) JueaB (5) JueaB	B	
694.50 (T) Cele 691.29 E&W 691.29 E&W 691.29 E&W		90.88 ×
(64) Acef (32) Bonom & HARRIS BANK ARGO (51) Crus ORLAND PARK SUBDIVISION DOG: NO. 89183292 (15) Just	CATCH BASIN	
Granite Cobbles to disapate stormwater runoff	SD2.0041C	
at depressed curbs. (1) Tegl (41) Zaga (13) Acsf (53) Acsf (53) Acsf (53) Acsf (53) Acsf (53) Acsf	(I) PycaC	
PROPOSED GUARDRAIL (SEE DETAIL)	EXISTING 8" D.I.W.M	
(35) Bonbm Unit Pavèr Auto Display Arsa To Be incorporated into Corpidor Signage (1) Togl (35) Ac6f Into Corpidor Signage (1) Ceoc (45) Hesoto (1) Ceoc (6) Sjip (1) Ceoc (6) Sjip (6) Sjip	(5) JusaB	EXISTING LIGHT PRIVE ISLE.
Rain Garden Besch Mix Area	BENCHMARK #2 CF SIDEWALK NAVD 86 ELEV=698.21	SIGN
(sed) 697 (sed) 697 (sed) 698 (sed)	BELLY-093.21	*
B TO EWALK.	CONNECT TO EXISTING SIDEWALK.	
IENCHMARK #1 SOUTHWEST LANGEBOLT OF HYDRANT	(12) Rag) (3) Heedo	
CATCH BASIN / MB	REMOVE EXISTING DRIVEWAY: ALL	
695.72	DISTURBED AREAS WITHIN 159TH STREET RIGHT-OF-WAY SHALL BE RESTORED WITH 4" TOPSOIL, CLASS 2A SEED & EROSION CONTROL BLANKET.	

	F	Plant List		
Code Name	Scientific Name	Common Name	Planting Size	Quantity
Acsf	Acorus calamus	Sweet Flag	Quart	125
Banbm	Bidens cernua	Nodding Bur Marigold	Quart	67
Crws	Carex radiata	Wood Sedge	Quart	106
Ceoc	Celtis occidentalis	Common hackberry	2 1/2*-Cal	5
Cala	Cornus sericea 'Isanti'	Isanti Dwarf Red Dogwood	24"- B#B	21
Gtis	Gleditala triacanthos inermis 'Skyline'	Skyline Honeylocust	2 1/2'-Cal	3
Hesdo	Hemerocallis 'Stella de Oro'	Stella de Oro Daylilly	I-Gal	81
JusaB	Juniperus sabina 'Broadmoor'	Broadmoor Juniper	24" - B 4 B	51
PycaC	Pyrus calleryana 'Chanticleer'	Chanticleer Pear	4'-Cal	5
Ragi	Rhus aromatica 'Gro-Low'	Gro-Low Sumac	24'-B4B	45
Ruhi	Rudbeckia hirta	Black-eyed susan	I-Gal	51
Snabg	Sorghastrum nutans 'Soulx Blue'	Blue Indian Grass	I-Gal	20
SJIP	Spiraea japonica 'Little Princess'	Little Princess Spirea	18" - Spread	25
SmpDk	Syringa meyeri 'Palibin'	Dwarf Korean Lilac	30° Ht.	10
Tamd	Taxus x media	Dense Yew	24*-B4B	32
Togl	Tilla cordata 'Greenspire'	Greenspire Linden	2 1/2'-Cal	5
Vide	Viburnum dentatum	Arrowwood viburnum	48" Ht.	2
Zaqa	Zizia aurea	Golden Alexander	Quart	48

Rain Garden Seed Mix

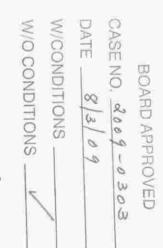
Code Name	Scientific Name	Common Name	Planting Size	Rate
Авсшр	Alisma subcordatum	Common Water Plantain	seed	Ø54 lb/ac
Asco	Avena sativa	Common Oats	seed	57.103 lb/ac
Cobs	Carex comosa	Bristly Sedge	seed	.455 lb/ac
Clas	Carex lurida	Shallow Sedge	seed	1.589 lb/ac
Cacra	Carex sparganioides var. cephaloidea	Rough Clustered Sedge	seed	1.232 lb/ac
Cvbfs	Carex vulpinoidea	Brown Fox Sedge	seed	.152 lb/ac
Evywr	Elymus virginicus	Virginia Wild Rye	seed	4.357 lb/ac
Gsfmg	Glyceria striata	Fowl Manna Grass	seed	.080 lb/ac
lybf	Iris virginica	Blue Flag	seed	1357 lb/ac
Lccf	Lobelia cardinalis	Cardinal Flower	seed	.045 lb/ac
Labbi	Lobelia siphilitica	Big Blue Lobelia	seed	Ø36 lb/ac
Lmarg	Lollum multiflorum	Annual Rye Grass	seed	3.351 lb/ac
Rabes	Rudbeckia subtomentosa	Sweet Black Eyed Susan	seed	Ø8Ø lb/ac
Sica	Sagittaria latifolia	Common Arrowhead	seed	.098 lb/ac
Zaga	Zizia aurea	Golden Alexander	seed	321 lb/ac

LANDSCAPE NOTES:

- 1. PLANT QUALITIES SHOWN IN THE PILANT SCHEDULE ARE FOR CONVENIENCE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING ALL MATERIALS SHOWN ON THE PLAN AND SHOULD NOT RELY ON THE PLANT SCHEDULE FOR DETERMINING QUALITIES.
- 2. ALL PLANT MATERIALS SHALL BE NURSERY GROWN STOCK AND SHALL BE FREE FROM ANY DEFORMITIES, DISEASES OR INSECT DAMAGE. ANY MATERIALS WITH DAMAGED OR CROOKED/DISFIGURED LEADERS, BARK ABRASION, SUNSCALD, INSECT DAMAGE, ETC. ARE NOT ACCEPTABLE AND WILL BE REJECTED. TREES WITH MULTIPLE LEADERS WILL BE REJECTED UNLESS CALLED OUT IN THE PLANT SCHEDULE AS MULTI-STEM.

Total 30802 lb/ac

- 3. ALL PLANTING OPERATIONS SHALL BE COMPLETED IN ACCORDANCE WITH STANDARD HORTICULTURAL PRACTICES. THIS MAY INCLUDE, BUT NOT BE LIMITED TO, PROPER PLANTING BED AND TREE PIT PREPARATION, PLANTING MIX, PRUNING, STAKING AND GUYING, WRAPPING, SPRAYING, FERTILIZATION, PLANTING AND ADEQUATE MAINTENANCE OF MATERIALS DURING CONSTRUCTION
- 4. ALL PLANT MATERIALS SHALL BE INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. ANY MATERIALS INSTALLED WITHOUT APPROVAL MAY BE REJECTED.
- 5. THE CONTRACTOR SHALL GUARANTEE PLANT MATERIALS FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY OWNER. THE CONTRACTOR SHALL OUTLINE PROPER MAINTENANCE PROCEDURES TO THE OWNER AT THE TIME OF ACCEPTANCE. DURING THE GUARANTEE PERIOD, DEAD OR DISEASED MATERIALS SHALL BE REPLACED AT NO COST TO THE OWNER. AT THE END OF THE GUARANTEE PERIOD THE CONTRACTOR SHALL OBTAIN FINAL ACCEPTANCE FROM THE OWNER
- 6. ANY EXISTING TREES TO BE RETAINED SHALL BE PROTECTED FROM SOIL COMPACTION AND OTHER DAMAGES THAT MAY OCCUR DURING CONSTRUCTION ACTIVITIES BY ERECTING FENCING AROUND SUCH MATERIALS AT A DISTANCE OF 85' FROM THE TRUNK
- 1. ALL GRASS, CLUMPS, OTHER VEGETATION, DEBRIS, STONES, ETC. SHALL BE RAKED OR OTHERWISE REMOVED FROM PLANTING AND LAWN AREAS PRIOR TO INITIATION OF INSTALLATION PROCEDURES.
- 8. ANY AREAS TO BE LOAMED AND SEEDED WHICH HAVE NOT BEEN DISTURBED BY CONSTRUCTION ACTIVITIES SHALL RECEIVE 1'-2' OF LOAM OVER SCARIFIED EXISTING SOILS. CARE SHOULD BE GIVEN TO NOT PLACE GREATER THEN I' SOIL OVER
- EXPOSED ROOTS OF EXISTING TREES IN SUCH AREAS. 9. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO INITIATING PLANTING OPERATIONS.
- THE CONTRACTOR SHALL REPAIR/ REPLACE AND UTILITY, PAVING, CURBING, ETC., WHICH IS DAMAGED DURING PLANTING
- 10. SIZE AND GRADING STANDARDS OF PLANT MATERIALS SHALL CONFORM TO THE LATEST EDITION OF ANSI Z60.1, AMERICAN STANDARDS FOR NURSERY STOCK, BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION.
- II. REFER TO PLAT OF SURVEY FOR LEGAL DESCRIPTION, BOUNDARY DIMENSIONS AND EXISTING CONDITIONS.
- 12. REFER TO ARCHITECTURAL PLANS FOR BUILDING MIX, SIZE AND FOOTPRINT.
- 13. REFER TO ENGINEERING PLANS FOR DETENTION CALCULATIONS, UTILITY LOCATIONS, TOPOGRAPHIC INFORMATION AND THE LIKE.
- 14. PRELIMINARY LANDSCAPE PLAN ALL AREAS AND DIMENSIONS ARE APPROXIMATE.
- 15. ALL PLANT MATERIAL ON THIS PLANTING PLAN REPRESENTS THE INTENTION AND INTENSITY OF THE PROPOSED LANDSCAPE MATERIAL. THE EXACT SPECIES AND LOCATIONS MAY VARY IN THE FIELD DO TO MODIFICATIONS IN THE SITE IMPROVEMENTS AND THE AVAILABILITY OF PLANT MATERIAL AT THE TIME OF INSTALLATION. ANY SUCH CHANGES MUST FIRST BE APPROVED BY
- 16. ALL PLANT MATERIAL SHALL BE PLANTED WITH A MINIMUM OF SIX INCHES OF ORGANIC SOIL AND MULCHED WITH A SHREDDED BARK MATERIAL TO A MINIMUM 3" DEPTH.
- 17. ALL LAWN AREAS ON THIS PLAN SHALL BE ESTABLISHED USING SOD.
- 18. THIS LANDSCAPE PLAN ASSUMES THE SITE WILL BE PREPARED WITH TOP SOIL SUITABLE FOR THE ESTABLISHMENT OF THE LANDSCAPE MATERIAL PRESENTED ON THIS PLAN. IF ADDITIONAL TOP SOIL IS REQUIRED IT IS UP TO THE LANDSCAPE CONTRACTOR ON THE PROJECT TO PROVIDE, SPREAD AND PREPARE THE SITE AS NEEDED FOR THE IMPLEMENTATION OF THIS
- 19. CONTRACTORS MUST VERIFY ALL QUANTITIES AND OBTAIN ALL PROPER PERMITS AND LICENSES FROM THE PROPER AUTHORITIES.
- 20. ALL MATERIAL MUST MEET INDUSTRY STANDARDS AND THE LANDSCAPE ARCHITECT HAS THE RIGHT TO REFUSE ANY POOR
- 21. LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR UNSEEN SITE CONDITIONS.
- 22. ALL PLANTINGS SHALL BE SPACED EQUAL DISTANT, BACK FILLED WITH AMENDED SOIL IN A HOLE TWICE THE ROOT BALL DIAMETER, WATERED, FERTILIZED, PRUNED, AND HAVE ALL TAGS AND ROPES REMOVED.
- 23. TREES SHALL BE STAKED AND GUYED, AND HAVE A WATERING SAUCER AT BASE.
- 24. ALL BEDS TO BE BERMED 12' TO 24' ABOVE GRADE AND MEET DRAINAGE REQUIREMENTS.
- 25. LAWN AND BED AREAS SHALL BE ROTOTILLED, RAKED OF CLUMPS AND DEBRIS.
- 26. CONTRACTOR SELECTED FOR NATIVE PLANT INSTALLATION SHOULD HAVE A MINIMUM OF FIVE YEARS EXPERIENCE IN THE FIELD. SUPERVISOR SHOULD BE PRESENT ON SITE DURING LANDSCAPE WORK FOR NATIVE AREAS THAT CAN IDENTIFY NON-NATIVE AND
- 27. ALL SEED SUPPLIED TO THE SITE SHOULD BE TAGGED WITH SEED SPECIES, WEIGHTS AND DOCUMENTATION OF PLS TESTING. SEED MUST MEET A MINIMUM 15% PLS PER SPECIES AS VERIFIED BY INDEPENDENT LABORATORY TEST RESULTS NO MORE THAT A YEAR OLD. FOR PRAIRIE CORDGRASS (SPARTINA PECTINATA) TEST RESULTS SHALL BE NO MORE THAN 6 MONTHS OLD. 28. FERTILIZER SHALL NOT BE USED IN AREAS OF NATIVE LANDSCAPING.
- 29. ALL NATIVE SEED AND PLANT MATERIAL SHALL BE OBTAINED FROM SOURCES WITHIN A 250 MILE RADIUS FROM THE SUBJECT SITE TO MAINTAIN LOCAL ECOTYPES.
- 30. BROADCASTING OR HYDRAULIC SEEDING WILL BE USED FOR SEEDING OF NATIVE PLANTING AREAS. EROSION CONTROL BLANKET WILL BE USED ON STEEP SLOPES WITH A RATIO OF 4:1. EROSION CONTROL BLANKET SHALL BE NAG SCIBØ OR APPROVED EQUAL. WHEN BROADCAST SEEDING METHODS ARE USED THE GRASSES SHALL BE BROADCAST SEPARATELY FROM THE
- 31. WHEN BROADCAST SEED APPLICATION METHODS ARE USED SEED IS TO BE APPLIED AT DOUBLE THE THE INDICATED RATES (EXCLUDING TEMPORARY MATRIX SPECIES).
- 32. NATIVE AREA SEEDING SHALL OCCUR ANY TIME BETWEEN OCTOBER 15TH AND JUNE 15TH PROVIDED SITE CONDITIONS AFFORD GOOD SOIL SEED CONTACT AND WORKABLE SOILS. SEEDING SHOULD OCCUR WHEN SOIL IS MOIST TO DRY-DAMP AND, IDEALLY, TIMED SUCH THAT RAINFALL OCCURS WITHIN 48 HOURS OF SEEDING, IF EARTHWORK IS COMPLETED IN LATE SPRING OR SUMMER THE TEMPORARY MATRIX SEED WILL BE INSTALLED: PERMANENT MATRIX SPECIES MAY BE INSTALLED CONCURRENTLY IF REGULAR WATERING IS PROVIDED, OR SEPARATELY AT THE FIRST APPROPRIATE OPPORTUNITY.
- 33. THE BIO-SWALE AREA PLANTINGS WILL BE SUBJECT TO NEAR AND LONG TERM PERFORMANCE STANDARDS. SEE ATTACHED DOCUMENT FOR APPLICABLE PERFORMANCE STANDARDS.



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PLANNING AND LANDSCAPE ARCHITECTURE

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PREPARED FOR: Community Honda LOCATION: Orland Park, IL

CALE OMPUTER NAME:

JOB NUMBER: 009-05

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