

- LEGEND
- PROPERTY LINE
- MATCHLINE
- DECIDUOUS TREE
- EVERGREEN TREE
- CONIFER TREE
- PLANTING BED
- DETENTION POND / SWALE PLANTING
- SOUTHWEST NATIVE GRASS MIX HYDRPOSEED AT 8 LBS PER ACRE WITH EQUAL AMOUNTS OF: SIDEOATS GRAMA BLUE GRAMA PLAINS BRISTLEGRASS ALKALI SACATON INDIAN RICEGRASS SPIKE MUHLY SAND DROPSEED
- GRAVEL PAVING
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CITY OF MESA NOTES

- REQUIRED TREES SHALL BE MINIMUM SIZE AS SPECIFIED IN THE ARIZONA NURSERY ASSOCIATION "RECOMMENDED TREE SPECIFICATIONS" LATEST EDITION. 11-33-2(B)2
- ALL LANDSCAPE MATERIAL INSTALLED SHALL BE MAINTAINED BY OWNER/OR LESSEE IN ACCORDANCE WITH THE APPROVED LANDSCAPE PLAN. 11-33-3(I) 2 & 3
- ALL TREES AND SHRUBS LOCATED IN THE LINE-OF-SIGHT WILL BE MAINTAINED FOR A CLEAR AREA BETWEEN 3' TO 7' AND SHOW LINE OF SIGHT ON LANDSCAPE PLAN.
- REQUIRED LANDSCAPE AREAS SHALL BE FREE FROM ENCROACHMENT BY ANY USE, STRUCTURE, VEHICLE OR FEATURE NOT A PART OF THE LANDSCAPING DESIGN. 11-33-3(A)
- LANDSCAPE CONTRACTOR SHALL CONFIRM LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO ANY EXCAVATION AND SHALL BE RESPONSIBLE FOR THE FOLLOWING:
 - DAMAGES TO SUCH UTILITIES CAUSED AS A RESULT OF THE CONTRACTOR'S ACTIVITIES.
 - DAMAGES TO EXISTING WALKS, WALLS, DRIVES, CURBS, ETC.
 - INSPECTING THE SITE IN ORDER TO BE FULLY AWARE OF EXISTING CONDITIONS PRIOR TO SUBMITTING A BID.
- INSTALLATION OF ALL LANDSCAPE AND IRRIGATION MATERIALS SHALL COMPLY WITH SECTIONS 424, 425, 757, AND 795 OF THE MAG STANDARD SPECIFICATIONS AS AMENDED BY THE CITY OF MESA IN THE CURRENT EDITION OF THE MESA ENGINEERING PROCEDURES MANUAL, LANDSCAPE & IRRIGATION STANDARDS. CONTRACTOR SHALL REPAIR ANY DAMAGE MADE TO THE EXISTING SPRINKLER SYSTEM TO THE SATISFACTION OF THE CITY AT NO ADDITIONAL COST TO THE CITY.
- LANDSCAPE REMOVAL IS A NON-PAY ITEM UNLESS OTHERWISE NOTED.
- ALL EXISTING VEGETATION, WEEDS, DEBRIS, ETC. SHALL BE REMOVED FROM PROJECT AREA AND DISPOSED OF PROPERLY OFF THE SITE AT THE CONTRACTOR'S EXPENSE (SCARIFY EXISTING SUBGRADE, MINIMUM SIX (6) INCHES DEPTH).
- DAMAGE TO TURF SHALL BE REPAIRED BY CONTRACTOR, I.E., RUTS FILLED WITH CLEAN SOIL, COMPACTED TO MATCH SURROUNDING GRADES, EXCESS SOIL, ROCK, ETC. SHALL BE REMOVED TO LEAVE THE SITE CLEAN.
- ALL PLANT MATERIAL, OTHER THAN TREES, SHALL CONFORM TO GRADING, TYPE, ETC. AS SET FORTH IN THE AMERICAN STANDARD FOR NURSERY STOCK BY THE AMERICAN ASSOCIATION OF NURSERYMEN. ALL TREES SHALL CONFORM TO THE CURRENT ARIZONA NURSERY ASSOCIATION TREE SPECIFICATIONS AND MAG SPEC 795.7. SHOULD ANY CONFLICTS IN THE SPECIFICATIONS OCCUR, THE ARIZONA NURSERY ASSOCIATION'S SPECIFICATIONS SHALL PREVAIL.
- CITY RESERVES THE RIGHT TO INSPECT SHRUBS AND CONTAINERED TREES FOR CONDITION OF ROOT BALLS. FOR ANY SUCH INSPECTIONS WHICH MAY DESTROY ROOTBALL, CONTRACTOR SHALL SUPPLY ADDITIONAL PLANT AT NO COST TO CITY.
- PLANT PITS SHALL BE INSPECTED BY CITY PRIOR TO PLANTING BY THE CONTRACTOR BY REQUESTING AN INSPECTION 48 HOURS IN ADVANCE.
- ROUGH AND FINE GRADING TO ESTABLISH UNIFORM SMOOTH GRADE IS INCLUDED IN THIS PROJECT.
- SOIL TEST FOR FERTILITY AND ADDITIVE RECOMMENDATIONS (FOR TURF AND ORNAMENTALS) SHALL BE COMPLETED BY CONTRACTOR TO DETERMINE IF ADDITIVES ARE REQUIRED. CONTRACTOR SHALL PROVIDE COPY OF SOIL TEST RESULTS FOR REVIEW AND APPROVAL TO ENGINEERING INSPECTOR AT LEAST SEVEN DAYS PRIOR TO ANTICIPATED PLANTING. AFTER APPROVAL BY THE CITY, THE CONTRACTOR SHALL PROVIDE AND INCORPORATE ANY ADDITIVES REQUIRED PRIOR TO OR AT TIME OF PLANTING.
- PLANT PIT SOIL MIXTURE SHALL CONSIST OF FOUR AND ONE HALF PARTS NATURAL FERTILE, FRIABLE SOIL AND ONE PART HUMUS BY VOLUME, THOROUGHLY MIXED PRIOR TO BACKFILLING IN PITS. BACKFILLING SHALL BE IN 6" LIFTS WITH EACH LIFT WATER SETTLED WITHOUT PUDDLING.
- CONTRACTOR SHALL STAKE TREE AND SHRUB LOCATIONS FOR 5-GALLON PLANTS AND LARGER. STAKES SHALL BE MARKED WITH PLANT NAME OR PLANT LEGEND ITEM NUMBER FROM PLANS.
- ALL EXISTING (GAS, ELECTRIC, WATER, ETC.) COVERS AND BOXES SHALL REMAIN UNCOVERED. CONTRACTOR TO ADJUST TO FINAL GRADE AS NECESSARY. NPI UNLESS OTHERWISE NOTED.
- NO ROCKS LARGER THAN 1" IN DIAMETER SHALL BE ALLOWED IN THE TOP SIX (6) INCHES OF TOPSOIL WHERE TURF ESTABLISHMENT IS SPECIFIED. ROCK REMOVAL AS NECESSARY IS INCLUDED IN THIS PROJECT (NPI).
- WHERE CALICHE IS ENCOUNTERED IN PLANT PITS, DEPTH AND WIDTH OF PIT SHALL BE INCREASED BY ONE-THIRD (1/3) OVER SPECIFICATION, AND A LIQUID PENETRATOR, "AL-KALICHE" OR EQUAL, SHALL BE INCORPORATED FOR EACH PIT PER MANUFACTURER'S RECOMMENDATIONS.
- FOR PARKS AND RETENTION BASINS: CONTRACTOR SHALL INSTALL DECOMPOSED GRANITE TO A ROLLED DEPTH OF TWO (2) INCHES. DECOMPOSED GRANITE SHALL BE 1/2" MINUS WITH THE COLOR AS SPECIFIED ON THE PLANS. PRE-EMERGENT HERBICIDE SHALL BE APPLIED BEFORE AND AFTER PLACEMENT OF DECOMPOSED GRANITE PER THE MANUFACTURER'S RECOMMENDATIONS. PRE-EMERGENT HERBICIDE SHALL BE SURFLAN, DACTHAL, OR APPROVED EQUAL. NOT MORE THAN 8% OF DECOMPOSED GRANITE SHALL PASS THROUGH A #200 MESH SCREEN, 15% THROUGH A #40 MESH SCREEN, 98% THROUGH A #4 MESH SCREEN, AND 100% SHALL PASS THROUGH A 1/2" MESH SCREEN. SAMPLE TO BE PROVIDED FOR CITY REVIEW AND APPROVAL.
- FOR STREET LANDSCAPE PROJECTS: CONTRACTOR SHALL INSTALL DECOMPOSED GRANITE AS FOLLOWS:
 - DECOMPOSED GRANITE GROUND COVER SHALL BE 1/2" SIZE SCREENED AND WASHED.
 - PLACE AND ROLL TO TWO (2) INCH TOTAL DEPTH OVER 85% COMPACTED SUBGRADE.
- PRE-EMERGENT HERBICIDE SURFLAN, DACTHAL, OR APPROVED EQUAL SHALL BE APPLIED BEFORE AND AFTER GRANITE PLACEMENT.

SITE REQUIREMENT CALCULATIONS		
REQUIREMENT	AMOUNT REQUIRED	AMOUNT PROVIDED
PARKING		
1 TREE / ISLAND	69 ISLANDS REQUIRES 69 TREES	81 TREES
3 SHRUBS / ISLAND	69 ISLANDS * 3 = 207 SHRUBS	207 SHRUBS
MEDIAN - 1 TREE / 8 PARKING SPACES	39 MEDIANS REQUIRES 39 TREES	55 TREES
MEDIAN - 6 SHRUBS / 8 PARKING SPACES	39 MEDIANS*8 = 312 SHRUBS	312 SHRUBS
MIN. 10% PARKING LOT TREES = 36" BOX	OUT OF 149 TREES TOTAL, 15 TREES (36" BOX)	15 TREES (36" BOX)
25% OF PARKING LOT SIDEWALK IN SHADE		PROVIDED
DETENTION BASIN		
LANDSCAPE IN ALL AREAS OF BASIN, SLOPE, TOP, AND BOTTOM		PROVIDED
FOUNDATION BASE		
10% OF TREES = 36" BOX	OUT OF 318 TOTAL TREES, 32 TREES	36 TREES (36" BOX)
BUILDING BASE		
TYP. BLDG PLAN 1 TREE / 50 LF OF WALL	2180 LF / 50 LF = 44 TREES * 6 BLDGS	264 TREES
NORTHEAST BLDG PLAN	2699 LF / 50 LF = 54 TREES	54 TREES
TYP. BUILDING PLAN 1 ADJACENT WALLS 25% MIN.	25% OF 2180 LF = 545 LF LANDSCAPE	820 LF LANDSCAPE
NORTHEAST BLDG PLAN ADJACENT WALLS 25% MIN.	25% OF 2699 LF = 675 LF LANDSCAPE	1096 LF LANDSCAPE
SIDEWALK SHADING ALONG BUILDING BASES		
25% OF SIDEWALK IN SHADE		PROVIDED
LANDSCAPE YARDS		
FOR COMMERCIAL/OFFICE/INDUSTRIAL USES - MIN. 7' WIDE ADJACENT TO NON-SINGLE RESIDENCE USES		PROVIDED
STREET FRONTAGE		
PECOS ROAD (2644 LF)		
4 TREES / 100 LF	106 TREES	106 TREES
24 SHRUBS / 100 LF	635 SHRUBS	635 SHRUBS
CRIMSON ROAD (3247 LF)		
4 TREES / 100 LF	130 TREES	130 TREES
24 SHRUBS / 100 LF	780 SHRUBS	780 SHRUBS
BUFFER ALONG NORTH (2582 LF)		
3 TREES / 100 LF	78 TREES	78 TREES
20 SHRUBS / 100 LF	517 SHRUBS	517 SHRUBS
BUFFER ALONG EAST (2531 LF)		
3 TREES / 100 LF	76 TREES	76 TREES
20 SHRUBS / 100 LF	506 SHRUBS	506 SHRUBS
OPEN SPACE		
50% LIVE PLANT COVERAGE	2,804,046.5 SF / 2 = 1,402,023.25 SF	1,451,785 SF
PLAZAS:		
MIN. 900 SFT PLAZA AT ENTRIES FOR BLDGS LARGER THAN 10,000 SQFT	900 SF PLAZA PER BLDG * 7 BLDGS = 6,300 SF	6,821 SF

PRELIMINARY PLANT PALETTE

BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	REMARKS
CONIFEROUS TREES				
Cupressus arizonica glabra 'Blue Ice'	Blue Ice Arizona Cypress	5' Ht.	36" Box	
Cupressus sempervirens 'Glaucia'	Blue Italian Cypress	6' Ht.	36" Box	
DECIDUOUS TREES				
Acacia willardiana	Palo Blanco	2" Cal.	24" Box	
Cercis canadensis texensis	Texas Redbud	6" Ht.	24" Box	Multi-trunked
Chilopsis linearis 'Burgundy Lace'	Burgundy Lace Desert Willow	2" Cal.	24" Box	Multi-trunked
Chilopsis linearis 'MSWNLopur'	Desert Willow	6" Ht.	36" Box	Multi-trunked
Lagerstroemia indica 'White It'	Dynamited® Grape Myrtle	20 gal.		Clump
Parkinsonia florida	Blue Palo Verde	2" Cal.	36" Box	Multi-trunked
Parkinsonia x 'Desert Museum'	Desert Museum Palo Verde	6" Ht.	36" Box	Multi-trunked
Pistacia chinensis 'Red Push'	Red Push Chinese Pistache	2" Cal.	36" Box	
Prosopis chilensis 'Thornless'	Thornless Chilean Mesquite	2" Cal.	36" Box	
EVERGREEN TREES				
Acacia aneura	Mulga	2" Cal.	24" Box	
Acacia salicina	Willow Acacia	2" Cal.	24" Box	
Ficus nitida	Weeping Fig	2" Cal.		
Olea europaea 'Wilsoni'	Wilson Olive	2" Cal.		
PALM TREES				
Bismarckia nobilis	Bismarck Palm	10' Ht.	48" Box	Clump
Chamaerops humilis	Mediterranean Fan Palm	10' Ht.	48" Box	
Phoenix canariensis	Canary Island Date Palm	10' Ht.	48" Box	
Phoenix dactylifera	Date Palm	10' Ht.	48" Box	
Washingtonia robusta	Mexican Fan Palm	10' Ht.	48" Box	
SHRUBS				
Calliandra eriophylla	Fairy Duster	5 gal.		
Carissa macrocarpa 'Boxwood Beauty'	Boxwood Beauty Natal Plum	5 gal.		
Encelia farinosa	Brittlebush	5 gal.		
Eremophila hydrophana 'Blue Bells'	Blue Bells Emu Bush	5 gal.		
Eremophila maculata 'Valentine'	Valentine Spotted Emu Bush	5 gal.		
Larrea tridentata	Cresote Bush	5 gal.		
Leucophyllum frutescens 'Green Cloud'	Green Cloud Texas Sage	5 gal.		
Leucophyllum x 'Heavenly Cloud'	Heavenly Cloud Barometerbush	5 gal.		
Myrtus communis 'Boetica'	Boetica Twisted Common Myrtle	5 gal.		
Photinia x fraseri	Red Tip Photinia	5 gal.		
Rhaphiolepis indica 'Ballerina'	Ballerina Indian Hawthorn	5 gal.		
Rhaphiolepis indica 'Pink Lady'	Pink Lady Indian Hawthorn Standard	5 gal.		
Salvia rosmarinus 'Tuscan Blue'	Tuscan Blue Rosemary	5 gal.		
Simmondsia chinensis	Jojoba	5 gal.		
Sophora secundiflora	Texas Mountain Laurel	5 gal.		
FERNS				
Asparagus densiflorus 'Myers'	Myers Asparagus Fern	1 gal.		
GRASSES				
Muhlenbergia capillaris 'Lenca'	Regal Mist® Pink Muhly Grass	1 gal.		
Muhlenbergia lindheimeri 'Leni'	Autumn Glow™ Lindheimer's Muhly	1 gal.		
Muhlenbergia rigens	Deer Grass	1 gal.		
PERENNIALS				
Gaura lindheimeri 'Rosy Jane'	Rosy Jane Gaura	1 gal.		
Salvia greggii 'Raspberry'	Raspberry Autumn Sage	1 gal.		
Zantedeschia elliptica	Golden Calla	Bulb		
SUCCULENTS				
Agave americana	Century Plant	5 gal.		
Agave parryi truncata	Artichoke Parry's Agave	5 gal.		
Agave shawii x attenuata 'Blue Flame'	Blue Flame Agave	5 gal.		
Dasylium quadrangulatum	Mexican Grass Tree	5 gal.		
Hesperaloe parviflora 'Desert Flamingo'	Desert Flamingo Red Yucca	5 gal.		
Hesperaloe parviflora 'Perpa'	Brakeights® Red Yucca	5 gal.		
Nolina microcarpa	Sacahuista	5 gal.		

no. date by ckd description

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816-333-9400
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designed	SFW	checked	SMW

**PRELIMINARY - NOT
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10010 E PECOS RD, MESA, ARIZONA, 85212

OVERALL LANDSCAPE PLAN

project	187028	contract	
drawing		rev.	
sheet	L101	of	sheets
file	L100_PLSC.dwg		

Name
Discipline
License No.

REF: 1/L113
REF: 1/L115

REF: 1/L116
REF: 1/L115

CRIMSON ROAD EASEMENT
HIGH VOLTAGE EASEMENT
DRAINAGE SWALE

BUILT-IN SEATING AREA
STONE BENCHES

STONE BENCHES
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BUILT-IN SEATING AREA

DC2

DC4

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LANDSCAPE PLAN ENLARGEMENT
0 50' 100'
SCALE IN FEET

Name
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License No.

no.	date	by	ckd	description
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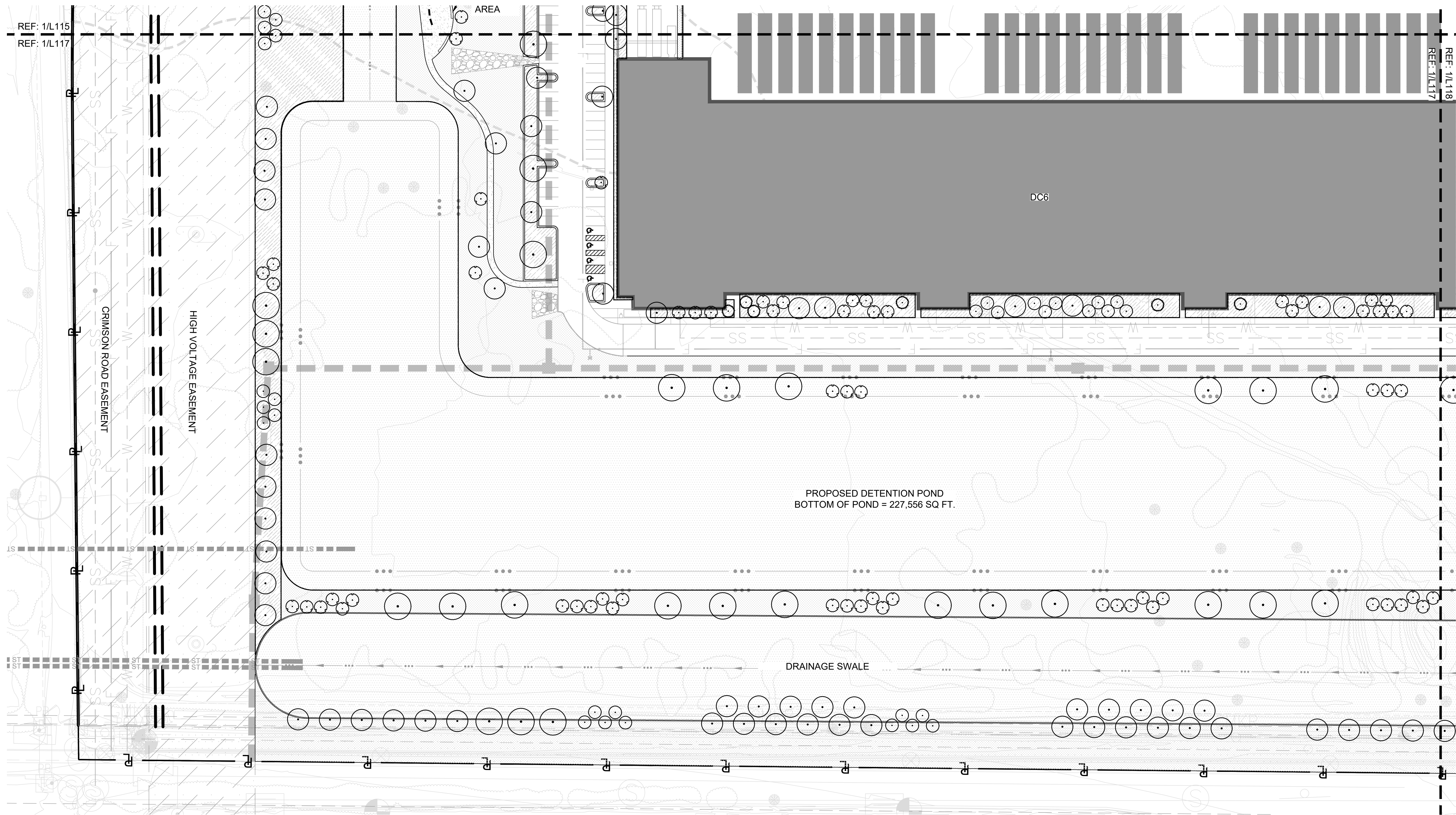
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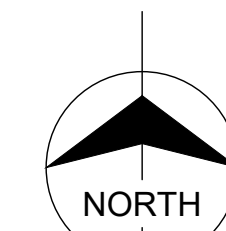
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LANDSCAPE PLAN

project	187028	contract	
drawing	L115	rev.	
sheet	of	sheets	
file	L100_PLSC.dwg		



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LANDSCAPE PLAN ENLARGEMENT

0 50' 100'

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LANDSCAPE PLAN

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