Point	Northing	Easting	Elev.	Invert In	Invert In	Invert In	Invert Out
SSMH I SSMH 2	587216.733 587254.088	967491.287 967760.155	2114.34 2116.97	2106.67	2106.47		2110.94 2106.37
SSMH 3	587279.593	967783.317	2117.31			0111.05	2108.61
SSMH 4 SSMH 5	587255.977 586907.205	967776.612 967811.576	2117.75	2108.75 2106.03	2109.75 2106.63	2111.85	2108.65 2105.93
SSMH 6 SSMH 7	586897.615 586853.338	967828.726 967455.010	2115.55 2106.46	2106.46	2098.86		2109.35
SSMH 8	587177.466	967419.201	2115.69	2111.89	2000.06		2111.79
SSMH 9 SSMH 10	586862.563 586847.293	967444.817 967405.495	2106.82 2107.40	2101.12			2101.02 2100.6
Point	Northing	Easting	Elev.	Invert In	Invert In	Invert In	Invert Out
C/B   C/B 2	586897.538 586928.048	967848.477 967844.509	2115.98	2110.96	2110.96		2111.38 2110.86
С/В З	586939.034	967827.035	2115.33	2110.43			2110.03
C/B 4 C/B 5	586932.858 586877.778	967786.018 967481.995	2115.16	2109.96 Unable to Obtain In	verts		2110.06
C/B G	586888.198	967468.885	2105.68				2101.18
C/B 7 C/B 8	586846.524 586883.753	967486.419 967433.734	2105.61				2102.31 2104.36
D/I I D/I 2	586922.508 587001.731	967701.068 967612.387	2109.80	2109.30 Unable to Obtain In	2109.30 verts	2109.10	2107.90
Area By Building :	.12 ACRES Coordinate Comput Setbacks as per lendersonville CMU 2				Church of Nazarene -Central Mixed Use		Scriveners LLC C I SSMH 1 @
2. The lo and reco utilities/s buried ut 3. Surve encumbra an accura 4.The ce hereon a	ances, restrictive cc ate title search may ertification of survey nd does not extend	und utilities are bas ed to the surveyor. rom locations show y be encountered. estigation or indepe venants, ownership disclose. and plat was prepa	ed on above-e Locations of u n hereon. Add endent search title evidence red for the en	ground structures nderground	hat block	₩ <sup>W/V</sup> SSMH <sup>®</sup> 8	P/P Tract 2 CMU -Central Mix Thomas R. Shep Revocable Tru D.B. 1625, Pg.
deed and calculation by the su 6. This a or variand profession 7. Prope 8. Prope 9. Prope	scellaneous survey re d ROW research, ma ons, working drawing urveyor as instrumen rawing is not valid u ce to this survey by onal surveyor. erty is currently zone erty is not located in erty is not located w	ps, field notes and ps, estimates, and c its of service shall r nless the original si electronic or any c ed CMU as per City a Water Supply Wa ithin 1/2 mile of a c	data, survey r other materials emain the prop gnature and st ther means are of Henderson atershed. lesignated Fari	mland Preservation Di	report, pared and assigns. ny reproduction ed issued by the	2/	CMU -Ce Thoma: Reva D.B. 1
effective I I . Cont ECM = Existin EIP = Existing EIS = Existing	date 10-02-2008. our Lines are at 1' in g Concrete Monume Iron Pipe Iron Stake	ntervals.	NIJK AJ PER FI	NJ IVIAP I AIIEI JJ60,	Nenon L. U	Jjiki 12" seti	500 1/2" EIP 0.2' Below Groun Tie Line 1/2" IP5 pack, typ.
ROW/MON = I ROW = Right RRS = Railroa	ed Point, Unless Oth Right of Way Monum of Way d Spike orary Benchmark				CMU -Central M	lixed Use	N 08°17'30 South V Citty of t

P/P = Power Pole W/M = Water Meter W/V = Water Valve U/Ped = Utility Pedestal CMP = Corrugated Metal Pipe L/P = Light Pole F/H = Fire Hydrant SSMH = Sanitary Sewer Manhole STMH = Stormwater Manhole C/B = Catch Basın D/I = Drop Inlet T/L Pole = Traffic Light Pole T/S Box = Traffic Signal Box = Fence

Global Positioning System Certification (RTK) The Positional Accuracy Of The RTK Derived Positional Information Is 0.03' Horizontal \$ 0.03' Vertical

Horizontal Positions Are Referenced to NAD 83 (NSRS 2011)

Vertical Positions Are Referenced To NAVD 88 (Geoid 12)

Combined Factor 0.99977581 (Ground To Grid)

Equipment Used: Carlson GPS-BRx6

# Survey - by Associated Land Surveyors

JMJC, LLC

SSMH IO

Little Fish, LLC

CMU -Central Mixed Use

Stop Sign C/B 8

1/2" IPS -/

тт2 п 3 *STMH* <sup>©</sup> *Q* 2106.65∕ 5 *SSMH 9* 

SSMH /7

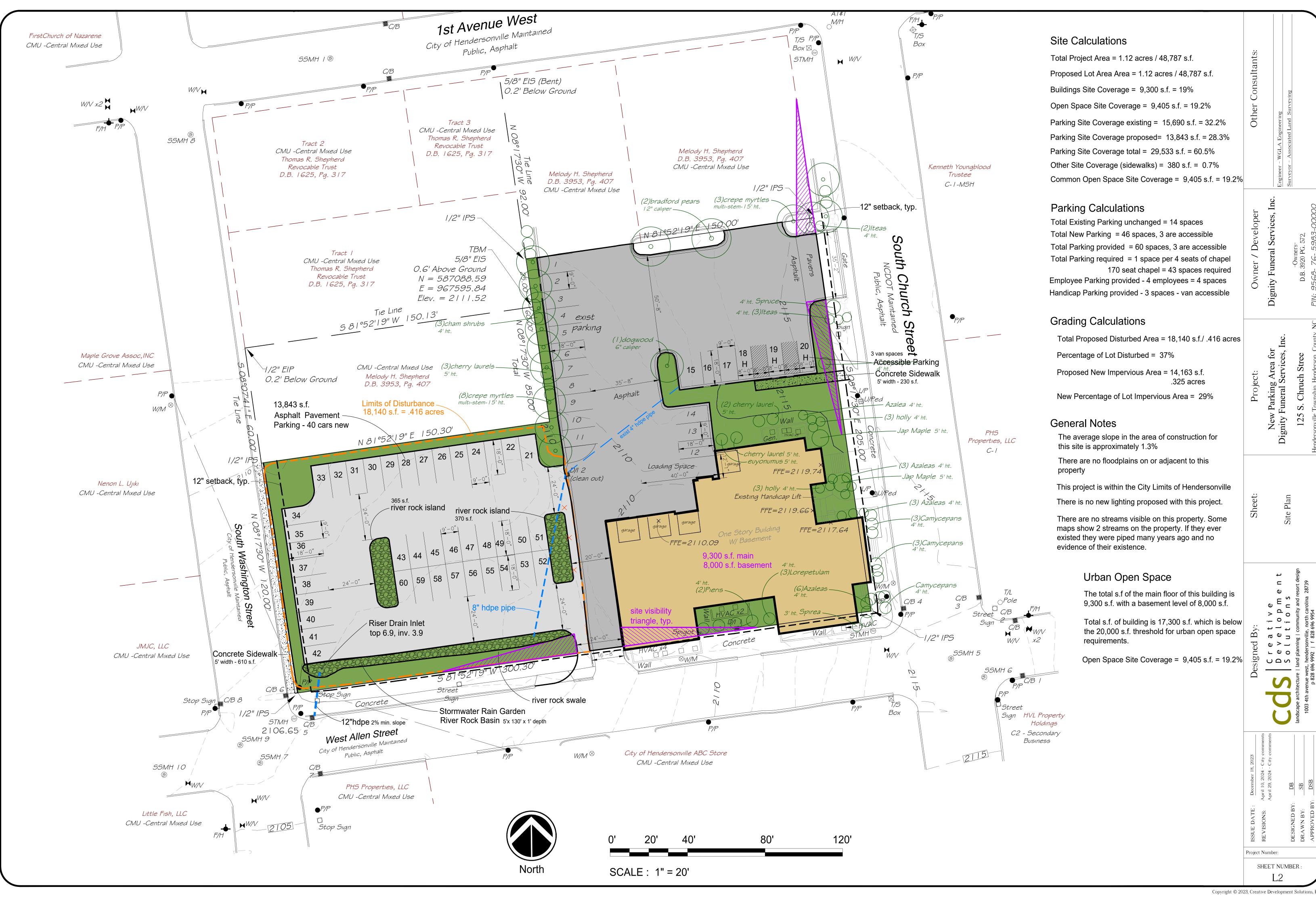
●*P/P* 

CMU -Central Mixed Use

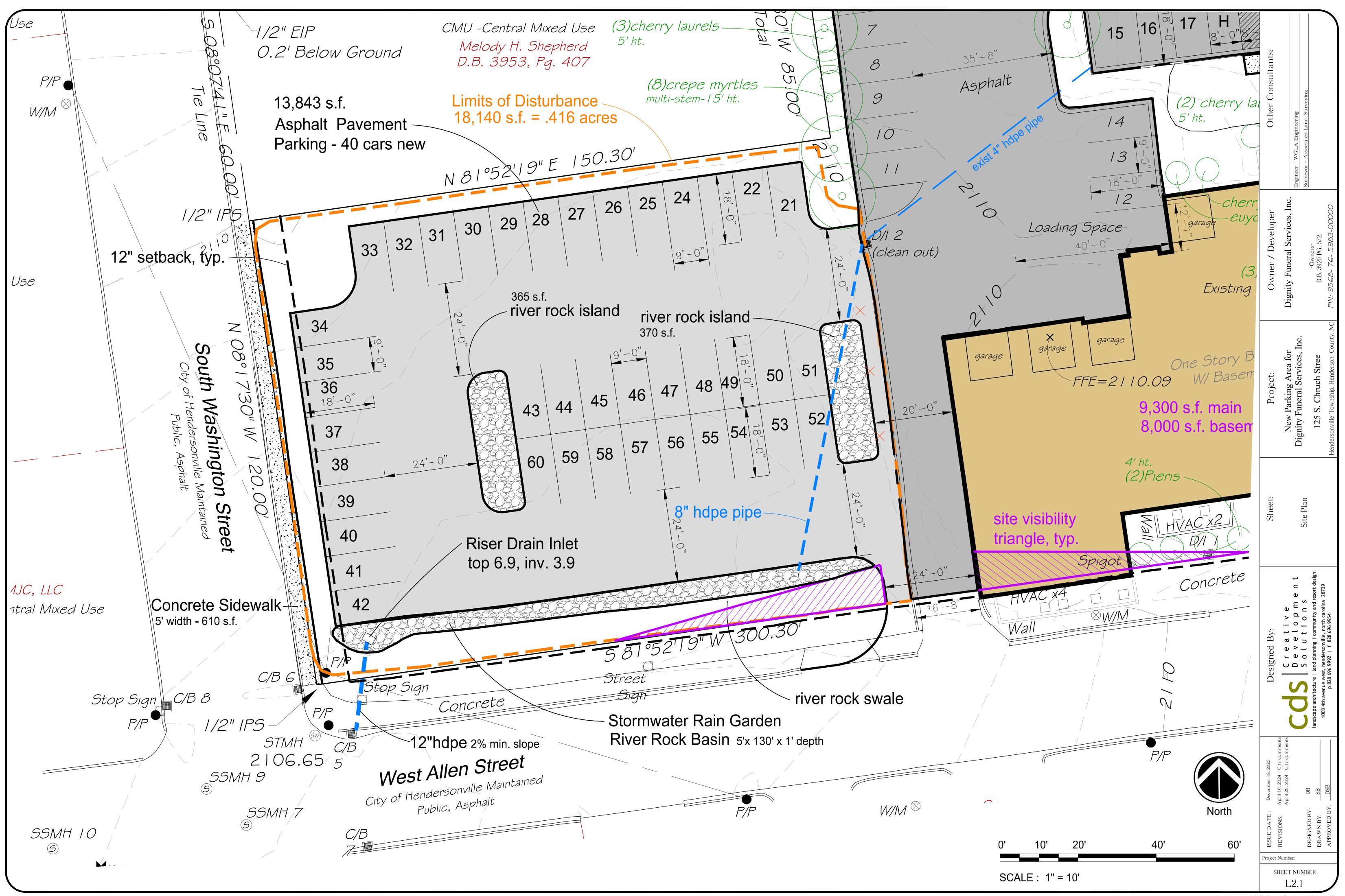


Other Consultants:	Engineer – WGLA Engineering	Surveyor - Associated Land Surveying	
Owner / Developer	Dignity Funeral Services, Inc.		FIN: 3360- 16- 3303-UUUUU
Project:	New Parking Area for Dignity Funeral Services, Inc.	125 S. Chruch Street	Hendersonville Township, Henderson County, NC
Sheet:	CULTYAN		
Designed By:	Creative Development	landscape architecture   land planning   community and resort design 1003 4th avenue west, hendersonville, north carolina 28739	
ISSUE DATE : December 18, 2023 W DEVICIONIC Anril 10 2024 - City comments		DESIGNED BY: DB DRAWN BY: SB ADPROVED RV. DSB	

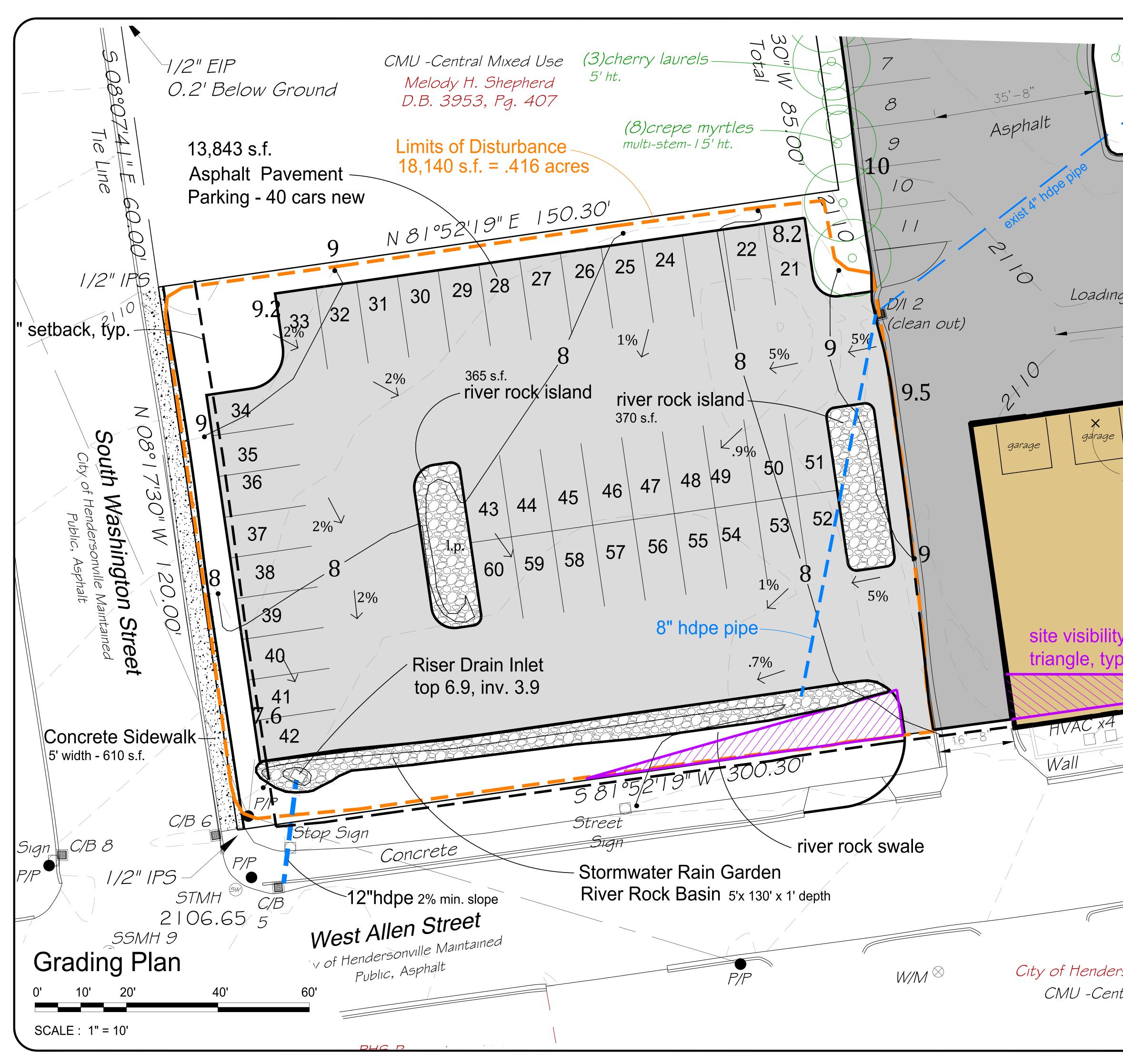
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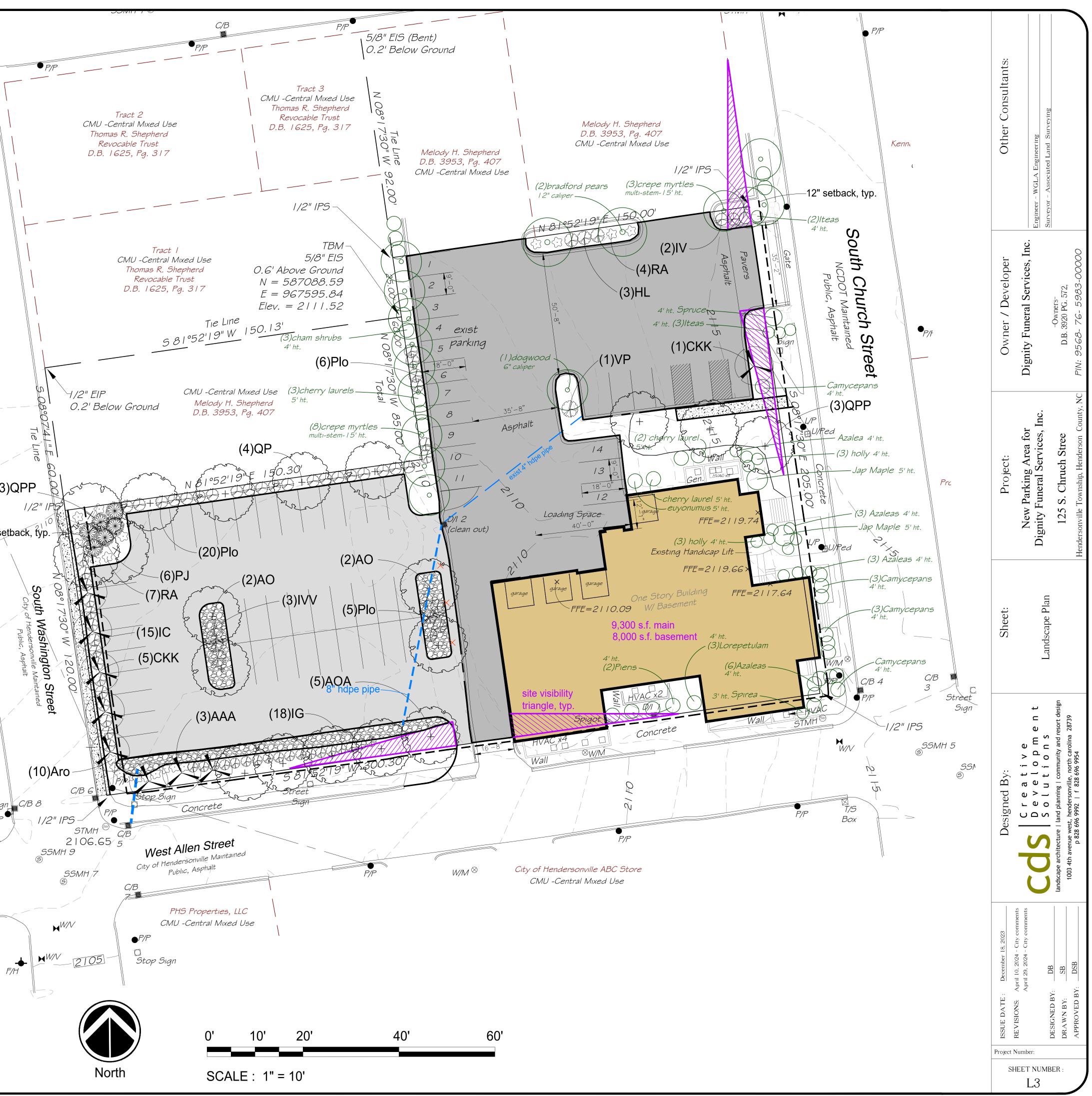


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GENER	AL PLAN NO	TES					
AT I-800-632-4949 2. THE CONTRACT DISCOVERED AT TH 3. ALL WORKMANSH 4. THE CONTRACTO ELEVATIONS PRIOR 5. SILT BARRIERS/ SILT BARRIER INST 6. CONTRACTOR IS 7. CONTRACTOR W HAULING EQUIPMEN ANY DAMAGES TO 8. THE CONTRACTO BEBRIS THAT COME REMOVE ANY OF TH RIGHT-OF-WAY ARE 9. BACKFILL TREN +/-3% OF OPTIMUM	THREE (3) DAYS PRIOR TO CON OR SHALL NOTIFY THE LANDSCA IE SITE OR ON THE DRAWINGS. HIP WILL CONFORM TO ALL COD OR SHALL VERIFY INVERT ELEVA TO COMMENCEMENT OF CONST FENCES MUST BE IN PLACE PRIO FALLATION IS COMPLETE. RESPONSIBLE FOR ALL FIELD L ILL ADHERE TO THE WEIGHT LIN ADT AND/OR MATERIALS TO AND H THE STREETS OR UTILITIES DUE OR IS RESPONSIBLE TO REMOVE ES OFF THIS SITE AND AND IS IN HE ITEMS MENTIONED THAT ARE EA AND ROADWAYS. CHES IN AREAS SUBJECT TO VE 1 MOISTURE CONTENT IN ACCOR	NSTRUCTION. APE ARCHITECT FOR A RE ES AND STANDARDS. ATIONS FOR EXISTING/PRO RUCTION. OR TO BEGINNING GRUBBIN AYOUT OF PROPOSED IMPF 11TS PRESCRIBED ON COUN FROM THIS SITE. THE COI TO NON-COMPLIANCE OF OR CLEAN-OUT ANY SILT, DEPOSITED OFF PROPERTY DEPOSITED ONTO PRIVAT HICULAR TRAFFIC SHALL F DANCE WITH ASTM D-698	ITY AND STATE MAINTAINED ROADS FOR NTRACTOR WILL BE HELD RESPONSIBLE F WEIGHT LIMITS. DIRT, OR MUD, OR ANY OTHER TYPE OF THE CONTRACTOR IS RESPONSIBLE TO E OR COUNTY OWNED PROPERTY, INCLUD BE COMPACTED TO 98% MAXIMUM DENSIT	JNTIL FOR DING TY AT	Other Consultants:	Engineer - WGLA Engineering Survevor - Associated Land Surveving	
REQUIRED TO FIELI TEST ALL AREAS A RETESTING REQUI II. THE GRADING C SPOTS SHALL BE S STRUCTURAL FILL I2. ALL NEW ELEV THE APPROPRIATE I3. CONTRACTOR S ROADWAYS. I4. GRAVEL TO BE I5. THE CONTRACT OCCUPATIONAL SAU I6. CONTOUR INTER	D CONDITIONS. PROOF ROLLING AS REQUIRED BY OWNER. INITIA RED DUE TO POOR COMPACTION CONTRACTOR SHALL PROOF ROLL TABILIZED BY FURTHER COMPA MATERIAL. ATIONS SHOWN ARE APPROXIMA AMOUNT FOR THE SUBGRADE. SHALL REMOVE TOPSOIL AS NEC INSTALLED IN DRIVEWAY AREA OR SHALL CONDUCT ALL WORK FETY AND HEALTH ADMINISTRAT RVALS 2' - SEE PLANS	AND COMPACTION TESTS AL COMPACTION TESTS WI SHALL BE CONDUCTED AT _ THE DRIVEWAY AREA WI CTIVE EFFORT OR UNDERC TE FINISH ELEVATIONS. T ESSARY (MINIMUM OF 4") AS SOON AS POSSIBLE AN IN ACCORDANCE WITH THE TON.	SHALL BE ACCOMPLISHED IN THE FIELD LL BE CONDUCTED AT OWNER'S EXPENSE	TO E. CT	Owner / Developer	Dignity Funeral Services, Inc.	-Owners- D.B. 3920 PG. 572,
20. STANDING GRA	SS OR MULCH OR FARBRIC MUST	BE PROVIDED FOR ALL D	STURBED AREAS BEFORE FINAL APPROVA	AL.			
gar.	GROUNI	D STABILI	ZATION	_		for es, Inc	ee
<u>s</u>			STABILIZATION TIME FRAME EXCEPTION		ict:	r Area for Services,	ch Stree
	ERIMETER DIKES, SWALES, ITCHES AND SLOPES	7 DAYS 7 DAYS	NONE		Project:	r Parking Funeral S	S. Chruch
	LOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DA				25 S. (
	LOPES 3:1 OR FLATTER	14 DAYS	ARE ALLOWED 7 DAYS FOR SLOPES GREATER THAN 50			New Dignity	12
	LL OTHER AREAS WITH	14 DAYS	FEET IN LENGTH NONE (EXCEPT FOR PERMITERS AND HQ ZONES)	2W		Д	
	HVAC X D/I		4' ht. 3' ht. Spir		Sheet:	Grading Plan	)
igot be	Conc	rete			Designed By:	Creative Development Solutions	scape architecture   land planning   community and resort design 1003 4th avenue west, hendersonville, north carolina 28739
/	$\mathcal{Q}$				, 	S	ndscape architecture 1003 4th avenue w
	$\overline{Q}$				ts	2	landscape a
	• P/P				December 18, 2023 April 10, 2024 - City comments	April 29, 2024 - City comments Do	SB SB NSB
	Store				 [1]		DESIGNED BY: DRAWN BY:
nlle ABC Mixed U							DESIG
			North		oject Ni		

		W/V
	W/V x2 H HW/V	
Landscape Calculations	F/H P/P	5
Parking interior - 50% of trees and shrubs required in islands required - 1 large tree and 2 shrubs per 4,000 s.f	SSMH	0
Existing Parking Area = 15,690 s.f. = 4 trees required + 8 shru Existing Credits used = 4 trees (6" cal)	ıbs	
New Parking Area = 13,843 s.f. = 4 trees required + 7 shrubs		
Plant Strip - required - 1 tree and 5 shrubs per 40 l.f		
New Parking North plant strip = 150 lf. = 4 trees required + 7	19 shrubs	
Existing Parking west plant strip = 90 If. = 3 trees required - Existing Credits used = 3 tree credits + 6 shrubs	+ 12 shrubs	
Buffer from Street - required - 1 shrub per 5'		
New Parking - S. Washington Street = 120 I.f = 24 shrubs		
New Parking - West Allen Street = 155 l.f = 31 shrubs require	ed	
Existing Parking - South Church Street = 45 I.f = 9 shrubs rec Existing Credits used = 7 shrubs	quired	
CMU Street Trees- required - 1 large tree per 35' or 1 small tree p	per 25'	
S. Washington Street = 120 I.f = 4 large or 5 small trees		(3)
West Allen Street = 300 I.f = 9 large or 12 small trees		
South Church Street = 205 I.f = 6 large or 9 small trees Existing Credits used = 5 small trees		12" set
Urban Open Space - Exempt due to building size under 20,000 s.	f.	
Common Open Space Required 10% - Provided = 9,405 s.f. = 1	9.2%	
Total Trees - required (2" caliper) = 15 trees - 7 tree credits used = (3-1/2" caliper) = 19 trees - 5 small Tree Cr		
Total Trees - provided - 27 trees - 19 large and 8 small		
	JMJC, LLC CMU -Central Mixed Use	9
Total Shrubs - required - 110 shrubs		
Total Shrubs - provided - 100 shrubs	G	
Total Tree Credits - Used = 12 trees	9	otop Sign P/P
Total Shrub Credits - Used = 13 shrubs		
	SSMH 10 S	/
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	Little Fish, LLC CMU -Central Mixed	
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Trees	: - 27 Tota	al	Project Plant List		
Key	Qty	Botonical Name	Common Name	Size	Remarks All Plants to Meet Ansi Z60.1 Stnds.
AO	4	Acer 'October Glory'	October Glory Maple	2" Caliper, 10' Height	B&B, Single Straight Leader
AOA	5	Acer 'October Glory'	October Glory Maple	3-1/2" Caliper, 15' Height	B&B, Single Straight Leader
AAA	3	Amelchachier' Autumn Brilliance'	Autumn Brilliance Serviceberry	3-1/2" Caliper, 12' Height	B&B, Single Straight Leader
СКК	5	Cornus kousa ' Milky Way'	Milky Way Kousa Dogwood	3-1/2" Caliper, 12' Height	B&B, Single Straight Leader
QP	4	Quercus phellos	Willow Oak	2" Caliper, 10' Height	B&B, Single Straight Leader
QPP	6	Quercus phellos	Willow Oak	3-1/2" Caliper, 12' Height	B&B, Single Straight Leader

## Evergreen Shrubs - 81 Total

Key Qty Botonical Name		Botonical Name	Common Name	Size	<b>Remarks</b> All Plants to Meet Ansi Z60.1 Stnds.			
	IC	15	Ilex crenata 'convexa'	Compact Japanese Holly	3 gallon, 18" Height	Full Plant		
	IG	18	Ilex glabra 'Shamrock'	Shamrock Holly	3 gallon, 18" Height	Full Plant		
	PLO	31	Prunus laurocerasus 'Otto Luyken'	Otto Luyken Cherry Laurel	3 gallon, 18" Height	Full Plant		
	PJ	6	Pieris japoonica 'Mt. Fire'	Mt. Fire Pieris	3 gallon, 18" Height	Full Plant		
	RA	11	Rhodonderndron 'Autumn Amethyst'	'Autumn Amethyst Azalea	3 gallon, 18" Height	Full Plant		

### Deciduous Shrubs - 19 Total

Key	Qty	Botonical Name	Common Name	Size	Remarks All Plants to Meet Ansi Z60.1 Stnds.
Aro	10	Aronia 'Brilliantissma'	Brilliantissma Chokeberry	3 gallon, 18" Height	Full Plant
IVV	2	Ilex verticllata 'Red Sprite"	Red Sprite Holly	3 gallon, 18" Height	Full Plant
IVV	1	Ilex verticllata 'Jim Dandy'	Jim Dandy Holly	3 gallon, 18" Height	Full Plant
IV	2	Itea virginica 'Henry's Garnet'	Henry's Garnet Itea	3 gallon, 18" Height	Full Plant
HL	3	Hydrangea 'Limelight'	Limelight Hydrangea	3 gallon, 18" Height	Full Plant
VP	1	Viburnum pilcatum'Shasta'	Shasta Virburnum	5 gallon, 24" Height	Full Plant

#### Landscape Notes

1. ALL AREAS SHOWN AS LARGE TREES, SMALL FLOWERING TREES, AND SHRUB AND PERENNIAL LANDSCAPING ON THE LANDSCAPE PLAN IS TO BE MULCHED AND SHALL RECEIVE A 3" DEPTH OF SHREDDED PINE BARK MULCH.

2. CONTRACTOR SHALL VERIFY QUANTITIES ON THE PLAN AND IS RESPONSIBLE FOR ALL PLANTS AS SHOWN ON THE PLANT LIST. REPORT ANY DISCREPANCIES TO LANDSCAPE ARCHITECT. PROVIDE UNIT PRICES FOR ALL PLANT AND TREE MATERIALS.

3. CONTRACTOR SHALL GUARANTEE ALL PLANTINGS FOR ONE YEAR FROM COMPLETION OF WORK. REPLACEMENT PLANTS AND LABOR SHALL BE PROVIDED AT CONTRACTORS' EXPENSE.

4. PRUNE ONLY AS DIRECTED BY LANDSCAPE ARCHITECT. DO NOT REMOVE THE CENTRAL LEADER OF ANY TREE OR PLANT. PLANTS SHALL NOT HAVE A SHEARED APPEARANCE AND MUST MEET MINIMUM SIZES AS INDICATED ON THE PLANT LIST.

5. ALL PLANT MATERIAL IS TO CONFORM TO THE LATEST EDITION OF AMERICAN STANDARDS FOR NURSERY STOCK. SEE PLANT LIST FOR SPECIFICATIONS AND SIZES. (NOTE: SIZE TO BE 'DBH' MEASURED 6" ABOVE GROUND)

6. LANDSCAPE ARCHITECT AND/OR OWNER RESERVES THE RIGHT TO REJECT ANY PLANT MATERIAL, ESPECIALLY DUE TO UNDERSIZED OR DAMAGED MATERIALS.

7. CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND IDENTIFICATION OF ALL UTILITIES. ANY UTILITIES DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S COST.

8. ALL DEMOLISHED MATERIALS AND TRASH ARE TO BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY.

9. ALL PLANTINGS HOLES AND BEDS ARE TO BE CLEANED OF ROCKS AND DEBRIS >1", EACH PLANT OR TREE IS TO BE HOLE AMENDED AND THE EXISTING NATIVE SOIL IS TO BE AMENDED WITH 25% OF NATURES HELPER AND 25% OF ORGANIC COMPOST (OR APPROVED EQUAL), THEN THOROUGHLY MIXED TOGETHER TO CREATE A PLANTING SOIL MIX.

10. ALL EXISTING AND PROPOSED TREES NOT CONTAINED WITHIN A MULCHED BED ARE TO RECEIVE A 3" DEPTH OF A 4' DIAMETER CIRCLE OF ABOVE SPECIFIED MULCH AROUND EACH THES, AS MFG. BY GRO-TREE. EXCEPT WHERE TREES OCCUR IN SWALES, DITCHES, OR DRAINAGE PATTERNS, THEN ONLY USE 1' DIAMETER CIRCLES.

11. REPORT ANY POORLY DRAINED SOILS OR ANY DRAINAGE PROBLEMS TO LANDSCAPE ARCHITECT IMMEDIATELY. FAILURE TO REPORT SUCH CONDITIONS WILL RESULT IN THE CONTRACTOR BEING RESPONSIBLE FOR CORRECTING THE PROBLEM AND REPLACING DAMAGED OR LOST PLANTS. PROPER PLANT DRAINAGE IS DEFINED BY FLOODING PLANTING HOLE TO SURROUNDING SOIL LEVEL WITH WATER AND COMPLETE PERCOLATION OF THE WATER WITHIN THE HOLE IN A 24 HOUR PERIOD.

12. LANDSCAPE ARCHITECT OR OWNER TO FIELD APPROVE THE PLACEMENT OF ALL PLANT MATERIALS.

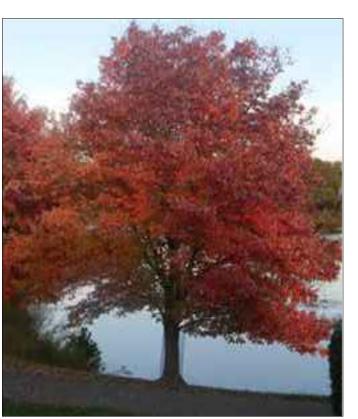
13. FINE GRADE ALL PLANTING AREAS TO INSURE PROPER DRAINAGE. AREAS TO BE SEEDED ARE TO BE FREE OF DEBRIS AND ROCKS >1" PRIOR TO LAYING SOD OR APPLYING SEED.

14. PRIOR TO INSTALLATION, CONTRACTOR SHALL REVIEW PLANT AND LIGHT LOCATIONS WITH LANDSCAPE ARCHITECT OR OWNER TO ELIMINATE CONFLICTS.

15. PROVIDE LABOR, EQUIPMENT, MATERIALS, AND SERVICE NECCESSARY TO COMPLETE THE LANDSCAPE WORK.

16. INSTALL ALL PLANT MATERIALS IN ACCORDANCE WITH LOCAL CODES AND ORDINANCES.

17. MAINTAIN ALL PLANT MATERIALS UNTIL FINAL ACCEPTANCE OR SUBSTANTIAL COMPLETION OF WORK. MAINTENANCE TO INCLUDE: WATERING, MULCHING, WEEDING, SPRAYING, MOWING, STRAIGHTENING, FERTLIZING, CLEANUP, ECT.



AO - October Glory Maple



QP -Willow Oak



PLO - Otto Luyken Cherry Laurel

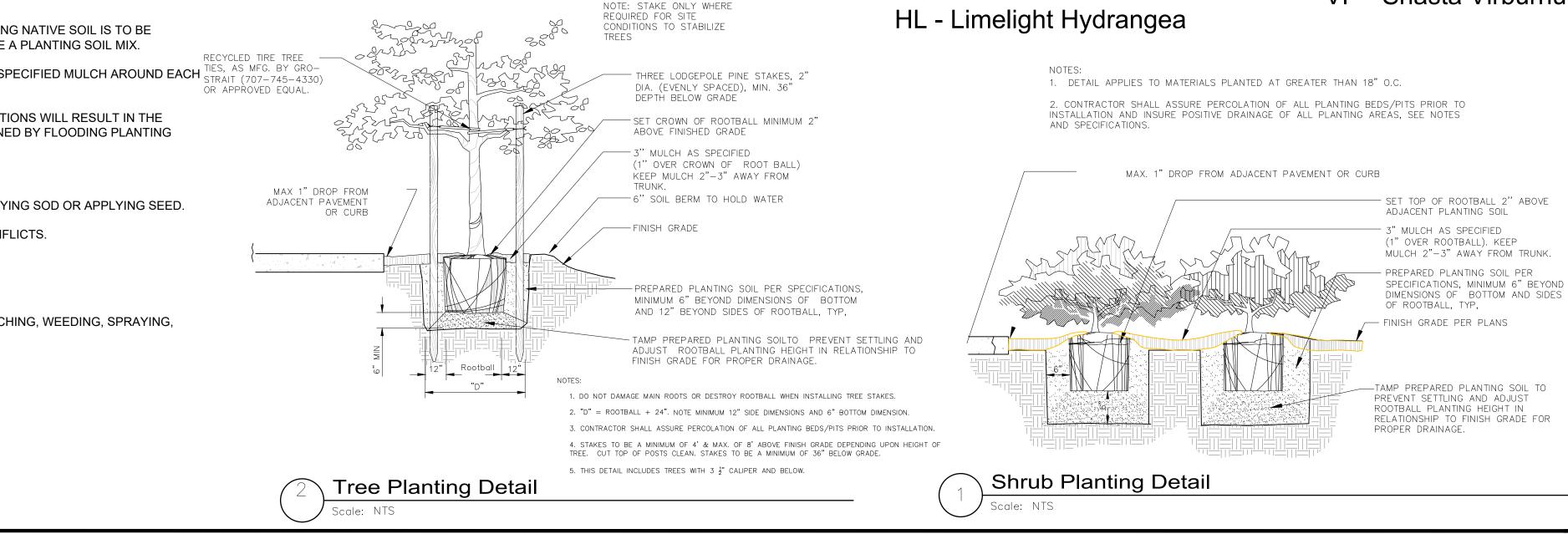


IC - Compact Japanese Holly



IV - Henry's Garnet Itea





IVV - Red Sprite Holly

IVV - Jim Dandy Holly

Aro - Brilliantissma

Chokeberry



IG - Shamrock Holly



RA - Autumn Amethyst Azalea



PJ - Mt. Fire Pieris





**VP** - Shasta Virburnum

1. DETAIL APPLIES TO MATERIALS PLANTED AT GREATER THAN 18" O.C. 2. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING BEDS/PITS PRIOR TO INSTALLATION AND INSURE POSITIVE DRAINAGE OF ALL PLANTING AREAS, SEE NOTES

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