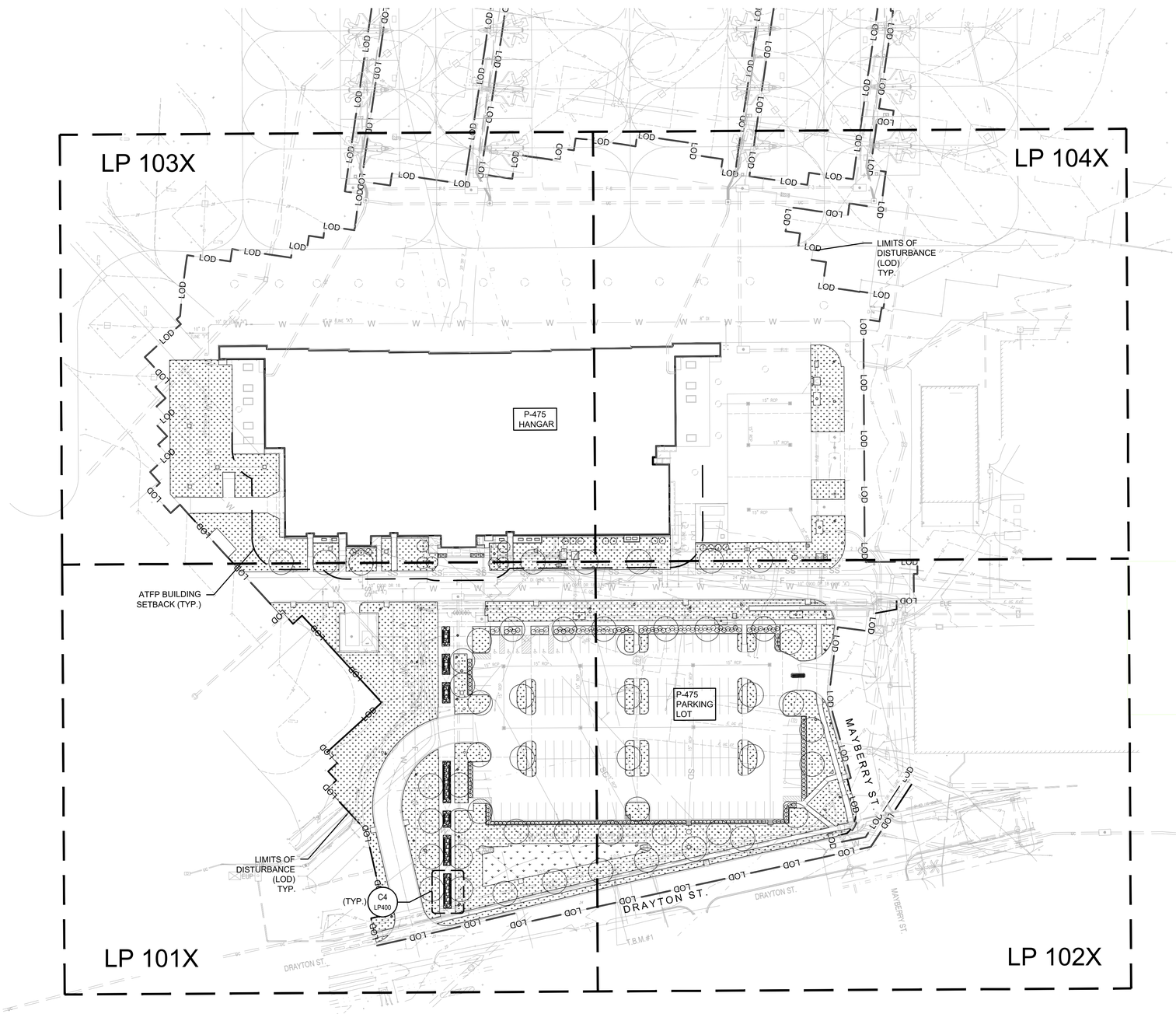


A1 KEY MAP - LANDSCAPE PLANTING (BASE BID)
Scale: 1:60

0 30' 60' 120' 180' 240'
1"=60'-0" GRAPHIC SCALE

PLAN NORTH
TRUE N

SYM	DESCRIPTION	DATE	APPR
	MOD P00006 AND MOD P00007		
	MOD P00005		

NAVFAC

STATE OF MISSOURI
BOB G. BUSHYHEAD
NUMBER
LANDSCAPE ARCHITECT
SEAL

BAMFORTH ENGINEERS + SURVEYORS
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 11/21/2023

ACTIVITY
Approved by J. Scott Roberts, Asset Management Branch Head & Supervisory Facility Planner, PWD Beaufort, SC via email.

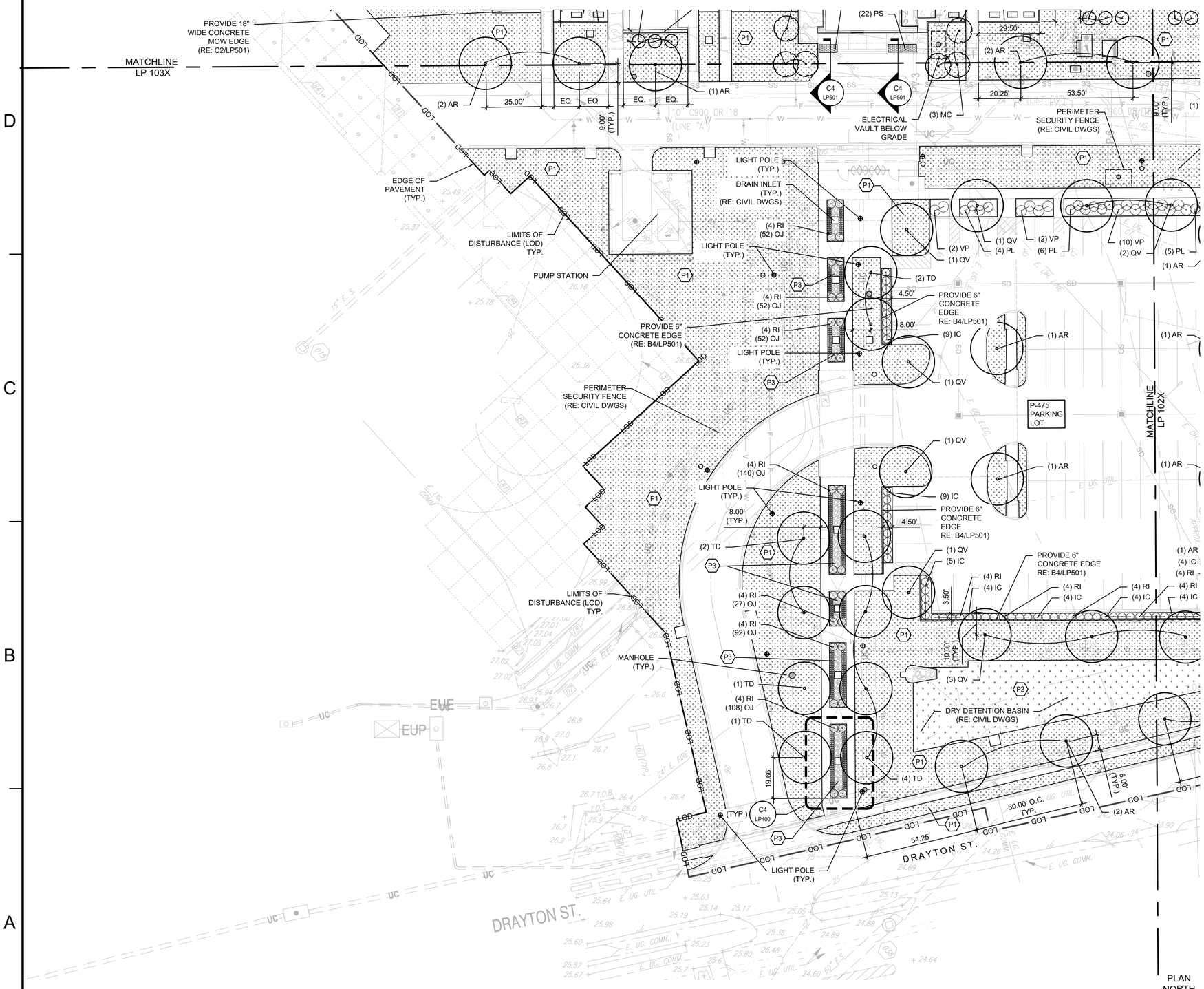
SATISFACTORY TO DATE 12/15/2022

DES BDR	DRW RWB	CHK BDG	
PM/DM	KTB/RLH		
BRANCH MANAGER	DLB		
CHIEF ENG/ARCH	EJA		
FIRE PROTECTION	DSN		

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NORFOLK, VA
DC CORE
MCAS BEAUFORT
BEAUFORT, SC
P-475 AIRCRAFT MAINTENANCE HANGAR - VOLUME 6
SITE BASE BID AND ADDITIONAL OPTIONS
LANDSCAPE KEY PLAN

SCALE: GRAPHIC
EPROJECT NO.: 1363603
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12871446
SHEET 1351 OF 1412
LP100X

DRAWFORM REVISION: 25 AUGUST 2020



A1 LANDSCAPE PLANTING PLAN (BASE BID)

Scale: 1:25

0 12.5' 25' 50' 100' 150'

1"=25'-0" GRAPHIC SCALE

PLAN NORTH

TRUE N

GENERAL LANDSCAPE PLANTING NOTES:

1. THIS PLAN PROVIDES LAYOUT, QUANTITY & SIZES OF PLANT MATERIAL TO BE PROVIDED BY THE LANDSCAPE CONTRACTOR. REFER TO THE FOLLOWING SPECIFICATIONS FOR SCOPE OF WORK, RESPONSIBILITIES, PRODUCTS & EXECUTION OF WORK:
   - 1.1. **SECTION 320533 - LANDSCAPE ESTABLISHMENT**
   - 1.2. **SECTION 329223 - SODDING**
   - 1.3. **SECTION 329300 - EXTERIOR PLANTS**
2. REFER TO FULL PLANTING SCHEDULE ON SHEET LP600X FOR PLANT SPECIES, SIZES AND NOTES.
3. CONTRACTOR SHALL VERIFY LOCATION OF UTILITIES BY CONTACTING THE RESPECTIVE UTILITY COMPANIES AND/ OR THE LOCAL "ONE-CALL"/"CALL-BEFORE-YOU-DIG" SYSTEM AND BY EXCAVATING TEST PITS IF NECESSARY.
4. LOCATIONS OF ALL PLANT MATERIALS SHALL BE STAKED IN THE FIELD AND APPROVED BY THE OWNERS REPRESENTATIVE PRIOR TO PLANTING.
5. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE AND GRASS DISTURBED AREAS BACK TO ORIGINAL FINISHED GRADE ELEVATIONS, INCLUDING, EQUIPMENT MATERIAL STORAGE AREA AND STAGING AREAS ADJACENT TO SITE.

LEGEND

REFER TO SHEET LP 600X - LANDSCAPE PLANTING SCHEDULE FOR FULL PLANTING SCHEDULE.

SYM.	KEY	*BOTANICAL NAME*	COMMON NAME
	SHADE/STREET TREES		
	AR	*Acer rubrum 'dromondii'*	Swamp Red Maple
	TD	*Taxodium Distichum 'Mickelson'*	Shawnee Brave Bald Cyress
	QV	*Quercus virginiana 'Cathedral'*	Cathedral Live Oak
	ORNAMENTAL TREE		
	LIA	*Lagerstroemia indica 'Alba'*	White Crape Myrtle
	LIR	*Lagerstroemia indica 'Apapaho'*	Apapaho Crape Myrtle (Red)
	MC	*Myrica cerifera*	Wax Myrtle (Tree Form)
	EVERGREEN SHRUB		
	IC	*Ilex crenata 'Stokes'*	Stokes Japanese Holly
	PL	*Prunus lauroceraus*	Dwarf English Laurel
	RI	*Raphiolepis indica 'alba'*	White Indian Hawthorn
	DECIDUOUS SHRUB		
	VP	*Viburnum plicatum 'Summer Snowflake'*	Summer Snowflake Doublefile Viburnum
	PERENNIAL/GROUNDCOVER/VINE		
	PS	*Phlox subulata*	Creeping Phlox
	OJ	*Ophiopogon jaburan*	Mondo Grass

P1 — TURFGRASS SOD (TYPE 1)
- (RE: 329223 - SODDING)
- 4" TOPSOIL WITH 2" COMPOST TOP LAYER (RE: 329300-EXTERIOR PLANTS)

P2 — TURFGRASS SOD (TYPE 2)
- (RE: 329223 - SODDING)
- 4" TOPSOIL WITH 2" COMPOST TOP LAYER (RE: 329300-EXTERIOR PLANTS)

P3 — INERT MULCH MATERIAL "DECORATIVE ROCK"
- (RE: 329300-EXTERIOR PLANTS)

LP 103X	LP 104X
LP 101X	LP 102X

KEY PLAN

SYM	DESCRIPTION	DATE	APPR
	MOD P00006 AND MOD P00007		
	MOD P00005		

NAVFAC

STATE OF MISSOURI BOB G. BUSHYHEAD NUMBER LS-2002000107 LICENSED PROFESSIONAL LAND SURVEYOR

SEAL

BAMFORTH ENGINEERS + SURVEYORS

A/E INFO

APPROVED

FOR COMMANDER NAVFAC 11/21/2023

ACTIVITY

Approved by J. Scott Roberts, Asset Management Branch Head & Supervisory Facility Planner, PWD Beaufort, SC via email.

SATISFACTORY TO DATE 12/15/2022

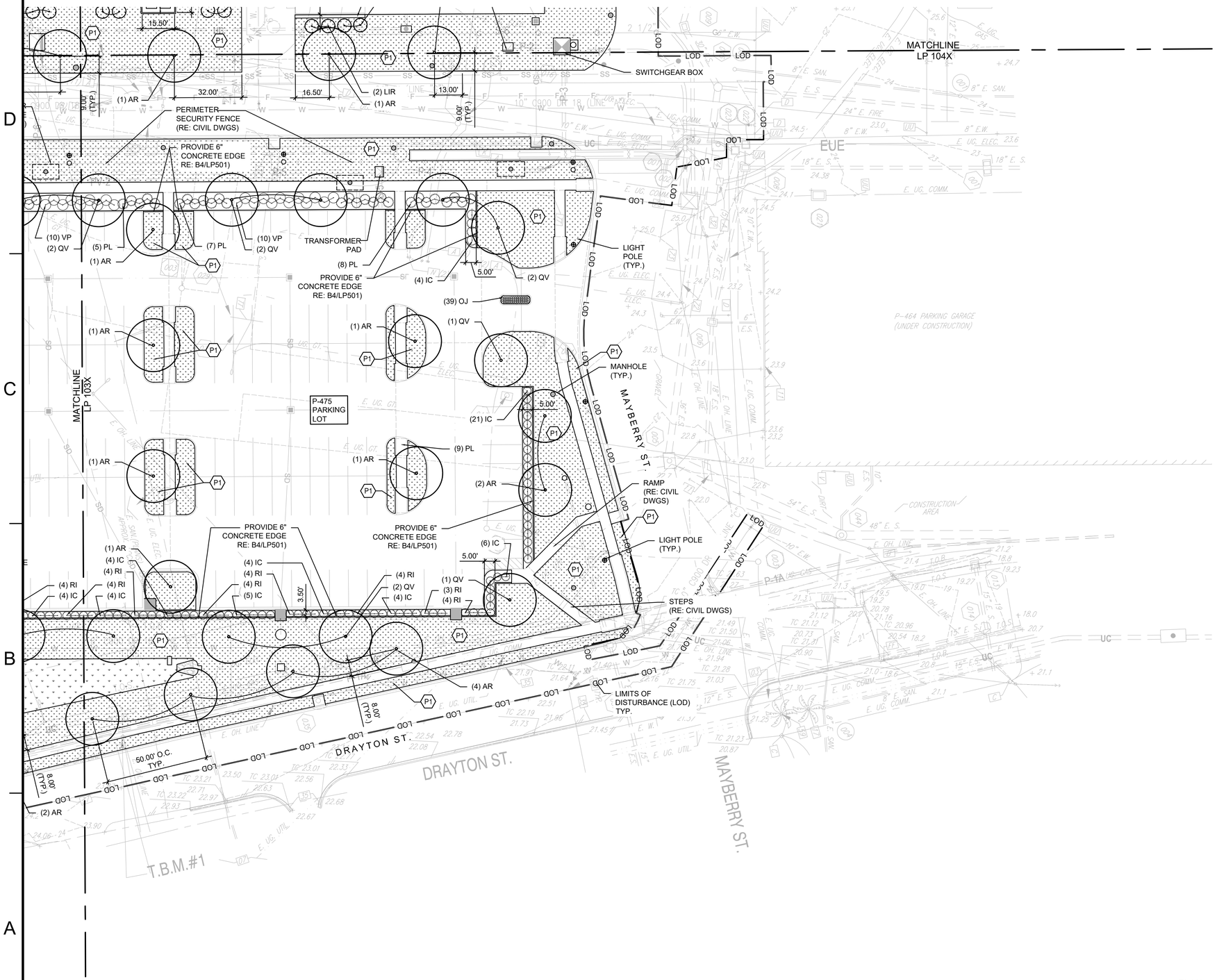
DES BDR	DRW RWB	CHK BDG	
PM/DM	KTB/RLH		
BRANCH MANAGER	DLB		
CHIEF ENG/ARCH	EJA		
FIRE PROTECTION	DSN		

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC NORFOLK, VA
DC CORE
MCAS BEAUFORT
BEAUFORT, SC
P-475 AIRCRAFT MAINTENANCE HANGAR - VOLUME 6
SITE BASE BID AND ADDITIONAL OPTIONS
LANDSCAPE PLAN

SCALE:	GRAPHIC
EPROJECT NO.:	1363603
CONSTR. CONTR. NO.	
NAVFAC DRAWING NO.	12871447
SHEET 1352	OF 1412

LP101X

DRAWFORM REVISION: 25 AUGUST 2020



GENERAL LANDSCAPE PLANTING NOTES:

1. THIS PLAN PROVIDES LAYOUT, QUANTITY & SIZES OF PLANT MATERIAL TO BE PROVIDED BY THE LANDSCAPE CONTRACTOR. REFER TO THE FOLLOWING SPECIFICATIONS FOR SCOPE OF WORK, RESPONSIBILITIES, PRODUCTS & EXECUTION OF WORK:
   - 1.1. **SECTION 320533 - LANDSCAPE ESTABLISHMENT**
   - 1.2. **SECTION 329223 - SODDING**
   - 1.3. **SECTION 329300 - EXTERIOR PLANTS**
2. REFER TO FULL PLANTING SCHEDULE ON SHEET LP600X FOR PLANT SPECIES, SIZES AND NOTES.
3. CONTRACTOR SHALL VERIFY LOCATION OF UTILITIES BY CONTACTING THE RESPECTIVE UTILITY COMPANIES AND/ OR THE LOCAL "ONE-CALL"/"CALL-BEFORE-YOU-DIG" SYSTEM AND BY EXCAVATING TEST PITS IF NECESSARY.
4. LOCATIONS OF ALL PLANT MATERIALS SHALL BE STAKED IN THE FIELD AND APPROVED BY THE OWNERS REPRESENTATIVE PRIOR TO PLANTING.
5. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE AND GRASS DISTURBED AREAS BACK TO ORIGINAL FINISHED GRADE ELEVATIONS, INCLUDING, EQUIPMENT MATERIAL STORAGE AREA AND STAGING AREAS ADJACENT TO SITE.

LEGEND

REFER TO SHEET LP600X- LANDSCAPE SCEDULE FOR FULL PLANTING SCHEDULE.

SYM.	KEY	*BOTANICAL NAME*	COMMON NAME
	SHADE/STREET TREES		
	AR	*Acer rubrum 'dromondii'*	Swamp Red Maple
	TD	*Taxodium Distichum 'Mickelson'*	Shawnee Brave Bald Cyress
	QV	*Quercus virginiana 'Cathedral'*	Cathedral Live Oak
	ORNAMENTAL TREE		
	LIA	*Lagerstroemia indica 'Alba'*	White Crape Myrtle
	LIR	*Lagerstroemia indica 'Apapaho'*	Apapaho Crape Myrtle (Red)
	MC	*Myrica cerifera*	Wax Myrtle (Tree Form)
	EVERGREEN SHRUB		
	IC	*Ilex crenata 'Stokes'*	Stokes Japanese Holly
	PL	*Prunus lauroceraus*	Dwarf English Laurel
	RI	*Raphiolepis indica 'alba'*	White Indian Hawthorn
	DECIDUOUS SHRUB		
	VP	*Viburnum plicatum 'Summer Snowflake'*	Summer Snowflake Doublefile Viburnum
	PERENNIAL/GROUNDCOVER/VINE		
	PS	*Phlox subulata*	Creeping Phlox
	OJ	*Ophiopogon jaburan*	Mondo Grass

P1 — TURFGRASS SOD (TYPE 1)
- (RE: 329223 - SODDING)
- 4" TOPSOIL WITH 2" COMPOST TOP LAYER (RE: 329300-EXTERIOR PLANTS)

P2 — TURFGRASS SOD (TYPE 2)
- (RE: 329223 - SODDING)
- 4" TOPSOIL WITH 2" COMPOST TOP LAYER (RE: 329300-EXTERIOR PLANTS)

P3 — INERT MULCH MATERIAL "DECORATIVE ROCK"
- (RE: 329300-EXTERIOR PLANTS)

LP 103X	LP 104X
LP 101X	LP 102X

KEY PLAN

A1 LANDSCAPE PLANTING PLAN (BASE BID)
Scale: 1:25

0 12.5' 25' 50' 100' 150'
1"=25'-0" GRAPHIC SCALE

PLAN NORTH
TRUE N

SYM	DESCRIPTION	DATE	APPR
	MOD P00006 AND MOD P00007		
	MOD P00005		

NAVFAC

STATE OF MISSOURI
BOB G. BUSHYHEAD
NUMBER
LA-2002000301
LANDSCAPE ARCHITECT
SEAL

BAMFORTH ENGINEERS + SURVEYORS
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 11/21/2022

ACTIVITY
Approved by J. Scott Roberts, Asset Management Branch Head & Supervisory Facility Planner, PWD Beaufort, SC via email.

SATISFACTORY TO DATE 12/15/2022

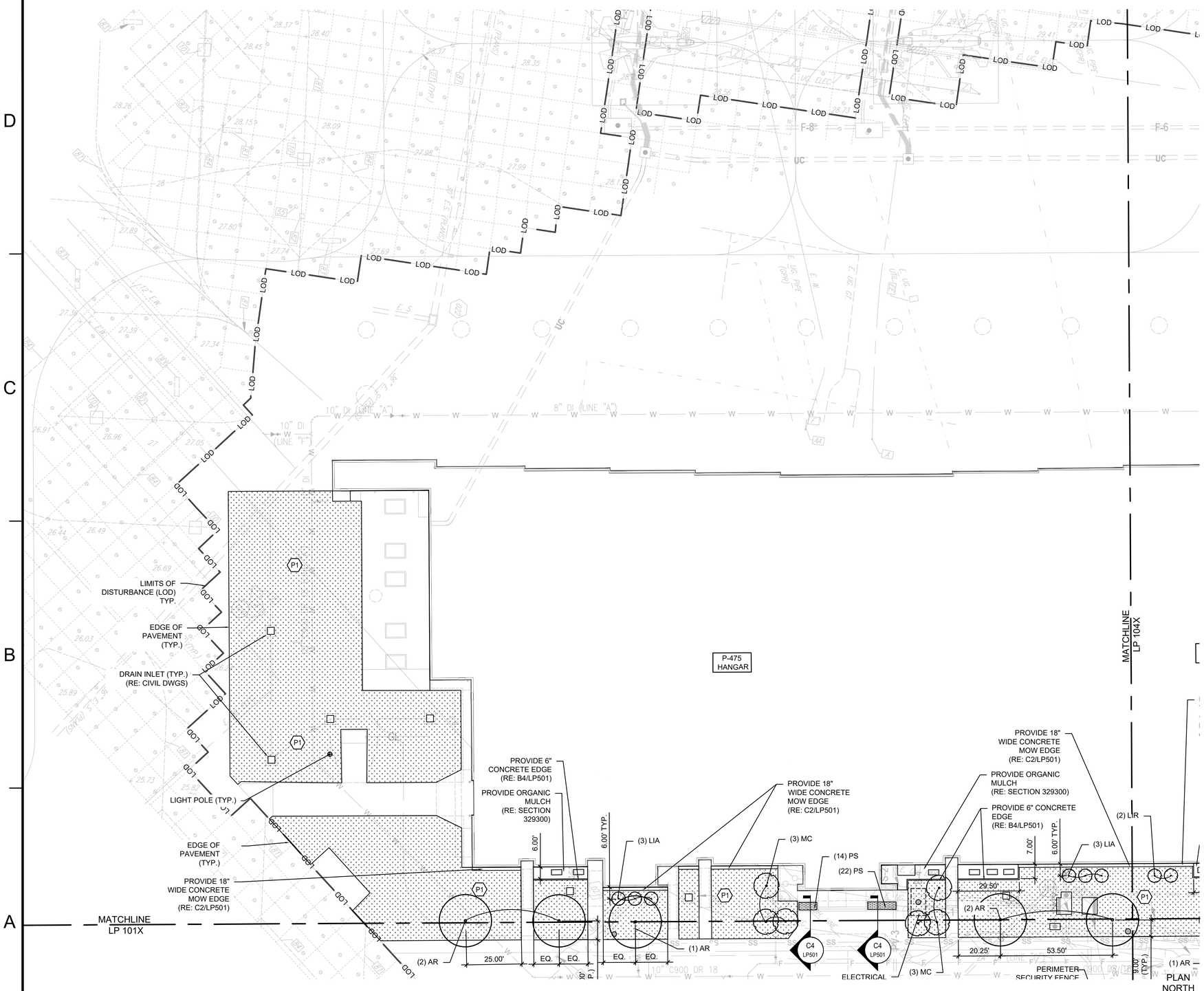
DES BDR	DRW RWB	CHK BDG	
PM/DM	KTB/RLH		
BRANCH MANAGER	DLB		
CHIEF ENG/ARCH	EJA		
FIRE PROTECTION	DSN		

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
DC CORE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC NORFOLK, VA
MCAS BEAUFORT BEAUFORT, SC
P-475 AIRCRAFT MAINTENANCE HANGAR - VOLUME 6
SITE BASE BID AND ADDITIONAL OPTIONS
LANDSCAPE PLAN

SCALE: GRAPHIC
EPROJECT NO.: 1363603
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12871448
SHEET 1353 OF 1412

LP102X

DRAWFORM REVISION: 25 AUGUST 2020



A1 LANDSCAPE PLANTING PLAN (BASE BID)
Scale: 1:25

GENERAL LANDSCAPE PLANTING NOTES:

1. THIS PLAN PROVIDES LAYOUT, QUANTITY & SIZES OF PLANT MATERIAL TO BE PROVIDED BY THE LANDSCAPE CONTRACTOR. REFER TO THE FOLLOWING SPECIFICATIONS FOR SCOPE OF WORK, RESPONSIBILITIES, PRODUCTS & EXECUTION OF WORK:
   - 1.1. **SECTION 320533 - LANDSCAPE ESTABLISHMENT**
   - 1.2. **SECTION 329223 - SODDING**
   - 1.3. **SECTION 329300 - EXTERIOR PLANTS**
2. REFER TO FULL PLANTING SCHEDULE ON SHEET LP600X FOR PLANT SPECIES, SIZES AND NOTES.
3. CONTRACTOR SHALL VERIFY LOCATION OF UTILITIES BY CONTACTING THE RESPECTIVE UTILITY COMPANIES AND/ OR THE LOCAL "ONE-CALL"/"CALL-BEFORE-YOU-DIG" SYSTEM AND BY EXCAVATING TEST PITS IF NECESSARY.
4. LOCATIONS OF ALL PLANT MATERIALS SHALL BE STAKED IN THE FIELD AND APPROVED BY THE OWNERS REPRESENTATIVE PRIOR TO PLANTING.
5. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE AND GRASS DISTURBED AREAS BACK TO ORIGINAL FINISHED GRADE ELEVATIONS, INCLUDING, EQUIPMENT MATERIAL STORAGE AREA AND STAGING AREAS ADJACENT TO SITE.

LEGEND

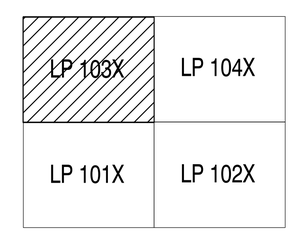
REFER TO SHEET LP600X FOR FULL PLANTING SCHEDULE.

SYM.	KEY	*BOTANICAL NAME*	COMMON NAME
	SHADE/STREET TREES		
	AR	*Acer rubrum 'dromondii'*	Swamp Red Maple
	TD	*Taxodium Distichum 'Mickelson'*	Shawnee Brave Bald Cyress
	QV	*Quercus virginiana 'Cathedral'*	Cathedral Live Oak
	ORNAMENTAL TREE		
	LIA	*Lagerstroemia indica 'Alba'*	White Crape Myrtle
	LIR	*Lagerstroemia indica 'Apapaho'*	Apapaho Crape Myrtle (Red)
	MC	*Myrica cerifera*	Wax Myrtle (Tree Form)
	EVERGREEN SHRUB		
	IC	*Ilex crenata 'Stokes'*	Stokes Japanese Holly
	PL	*Prunus lauroceraus*	Dwarf English Laurel
	RI	*Raphiolepis indica 'alba'*	White Indian Hawthorn
	DECIDUOUS SHRUB		
	VP	*Viburnum plicatum 'Summer Snowflake'*	Summer Snowflake Doublefile Viburnum
	PERENNIAL/GROUNDCOVER/VINE		
	PS	*Phlox subulata*	Creeping Phlox
	OJ	*Ophiopogon jaburan*	Mondo Grass

P1 — TURFGRASS SOD (TYPE 1)
- (RE: 329223 - SODDING)
- 4" TOPSOIL WITH 2" COMPOST TOP LAYER (RE: 329300-EXTERIOR PLANTS)

P2 — TURFGRASS SOD (TYPE 2)
- (RE: 329223 - SODDING)
- 4" TOPSOIL WITH 2" COMPOST TOP LAYER (RE: 329300-EXTERIOR PLANTS)

P3 — INERT MULCH MATERIAL "DECORATIVE ROCK"
- (RE: 329300-EXTERIOR PLANTS)



KEY PLAN

SYM	DESCRIPTION	DATE	APPR
	MOD P00006 AND MOD P00007		
	MOD P00005		

NAVFAC

STATE OF MISSOURI — BOB G. BUSHYHEAD — NUMBER LA-2020000001 — LANDSCAPE ARCHITECT — SEAL

BAMFORTH ENGINEERS + SURVEYORS — A/E INFO

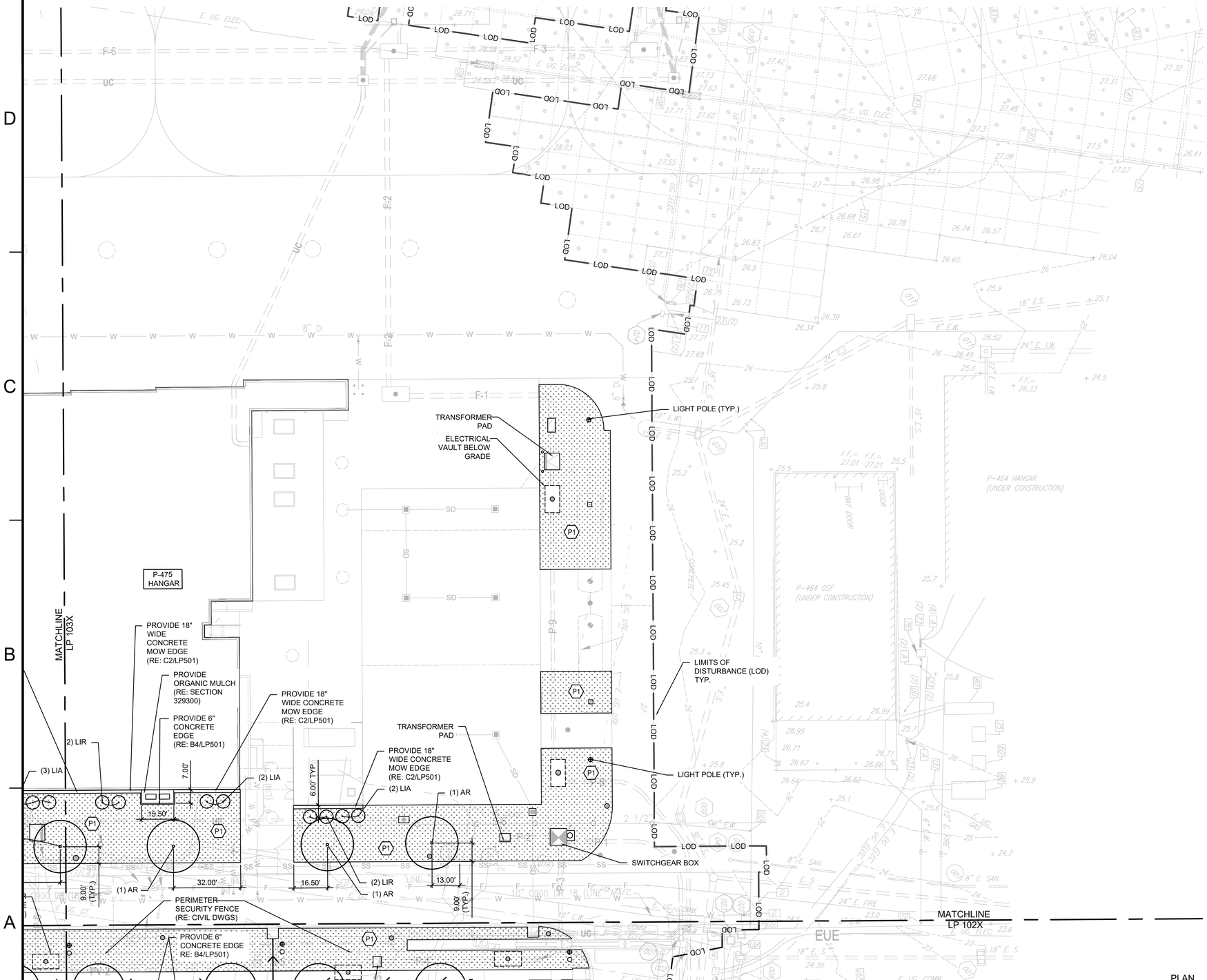
APPROVED
FOR COMMANDER NAVFAC 11/21/2022
ACTIVITY
Approved by J. Scott Roberts, Asset Management Branch Head & Supervisory Facility Planner, PWD Beaufort, SC via email.
SATISFACTORY TO DATE 12/15/2022

DES BDR	DRW RWB CHK BDG
PM/DM	KTB/RLH
BRANCH MANAGER	DLB
CHIEF ENG/ARCH	EJA
FIRE PROTECTION	DSN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
DC CORE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC NORFOLK, VA.
MCAS BEAUFORT
BEAUFORT, SC
P-475 AIRCRAFT MAINTENANCE HANGAR - VOLUME 6
SITE BASE BID AND ADDITIONAL OPTIONS
LANDSCAPE PLAN

SCALE: GRAPHIC
EPROJECT NO.: 1363603
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12871449
SHEET 1354 OF 1412
LP103X

DRAWFORM REVISION: 25 AUGUST 2020



A1 LANDSCAPE PLANTING PLAN (BASE BID)
Scale: 1:25

0 12.5' 25' 50' 100' 150'
1"=25'-0" GRAPHIC SCALE

PLAN NORTH
TRUE N

GENERAL LANDSCAPE PLANTING NOTES:

1. THIS PLAN PROVIDES LAYOUT, QUANTITY & SIZES OF PLANT MATERIAL TO BE PROVIDED BY THE LANDSCAPE CONTRACTOR. REFER TO THE FOLLOWING SPECIFICATIONS FOR SCOPE OF WORK, RESPONSIBILITIES, PRODUCTS & EXECUTION OF WORK:
   - 1.1. **SECTION 320533 - LANDSCAPE ESTABLISHMENT**
   - 1.2. **SECTION 329223 - SODDING**
   - 1.3. **SECTION 329300 - EXTERIOR PLANTS**
2. REFER TO FULL PLANTING SCHEDULE ON SHEET LP600X FOR PLANT SPECIES, SIZES AND NOTES.
3. CONTRACTOR SHALL VERIFY LOCATION OF UTILITIES BY CONTACTING THE RESPECTIVE UTILITY COMPANIES AND/ OR THE LOCAL "ONE-CALL"/"CALL-BEFORE-YOU-DIG" SYSTEM AND BY EXCAVATING TEST PITS IF NECESSARY.
4. LOCATIONS OF ALL PLANT MATERIALS SHALL BE STAKED IN THE FIELD AND APPROVED BY THE OWNERS REPRESENTATIVE PRIOR TO PLANTING.
5. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE AND GRASS DISTURBED AREAS BACK TO ORIGINAL FINISHED GRADE ELEVATIONS, INCLUDING, EQUIPMENT MATERIAL STORAGE AREA AND STAGING AREAS ADJACENT TO SITE.

LEGEND

REFER TO SHEET LP600X- LANDSCAPE SCEDULE FOR FULL PLANTING SCHEDULE.

SYM.	KEY	*BOTANICAL NAME*	COMMON NAME
	SHADE/STREET TREES		
	AR	*Acer rubrum 'dromondii'*	Swamp Red Maple
	TD	*Taxodium Distichum 'Mickelson'*	Shawnee Brave Bald Cyress
	QV	*Quercus virginiana 'Cathedral'*	Cathedral Live Oak
	ORNAMENTAL TREE		
	LIA	*Lagerstroemia indica 'Alba'*	White Crape Myrtle
	LIR	*Lagerstroemia indica 'Apapaho'*	Apapaho Crape Myrtle (Red)
	MC	*Myrica cerifera*	Wax Myrtle (Tree Form)
	EVERGREEN SHRUB		
	IC	*Ilex crenata 'Stokes'*	Stokes Japanese Holly
	PL	*Prunus lauroceraus*	Dwarf English Laurel
	RI	*Raphiolepis indica 'alba'*	White Indian Hawthorn
	DECIDUOUS SHRUB		
	VP	*Viburnum plicatum 'Summer Snowflake'*	Summer Snowflake Doublefile Viburnum
	PERENNIAL/GROUNDCOVER/VINE		
	PS	*Phlox subulata*	Creeping Phlox
	OJ	*Ophiopogon jaburan*	Mondo Grass

P1 — TURFGRASS SOD (TYPE 1)
- (RE: 329223 - SODDING)
- 4" TOPSOIL WITH 2" COMPOST TOP LAYER (RE: 329300-EXTERIOR PLANTS)

P2 — TURFGRASS SOD (TYPE 2)
- (RE: 329223 - SODDING)
- 4" TOPSOIL WITH 2" COMPOST TOP LAYER (RE: 329300-EXTERIOR PLANTS)

P3 — INERT MULCH MATERIAL "DECORATIVE ROCK"
- (RE: 329300-EXTERIOR PLANTS)

LP 103X	LP 104X
LP 101X	LP 102X

KEY PLAN

SYM	DESCRIPTION	DATE	APPR
	MOD P00006 AND MOD P00007		
	MOD P00005		

NAVFAC

STATE OF MISSOURI
BOB G. BUSHYHEAD
NUMBER
LS-2002000001
LICENSED
PROFESSIONAL
LANDSCAPE ARCHITECT
SEAL

BAMFORTH ENGINEERS + SURVEYORS
A/E INFO

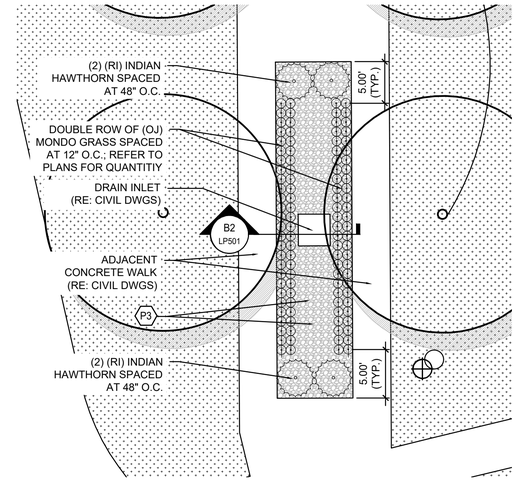
APPROVED
FOR COMMANDER NAVFAC 11/21/2022
ACTIVITY
Approved by J. Scott Roberts, Asset Management Branch Head & Supervisory Facility Planner, PWD Beaufort, SC via email.
SATISFACTORY: TO DATE 12/15/2022

DES BDR	DRW RWB	CHK BDG	
PM/DM	KTB/RLH		
BRANCH MANAGER	DLB		
CHIEF ENG/ARCH	EJA		
FIRE PROTECTION	DSN		

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NORFOLK, VA
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
DC CORE
MCAS BEAUFORT
BEAUFORT, SC
P-475 AIRCRAFT MAINTENANCE HANGAR - VOLUME 6
SITE BASE BID AND ADDITIONAL OPTIONS
LANDSCAPE PLAN

SCALE: GRAPHIC
EPROJECT NO.: 1363603
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12871450
SHEET 1355 OF 1412
LP104X

DRAWFORM REVISION: 25 AUGUST 2020



C4 DRAINAGE AREA ENLARGEMENT - TYPICAL

Scale: 1/8" = 1'-0"

LP 103X	LP 104X
LP 101X	LP 102X

KEY PLAN

0 4' 8' 16' 24' 32'

1/8"=1'-0" GRAPHIC SCALE

PLAN NORTH

TRUE N

SYM	DESCRIPTION	DATE	APPR.
	MOD P00006 AND MOD P00007		
	MOD P00005		

NAVFAC

STATE OF MISSOURI
BOB G. BUSHYHEAD
NUMBER
LA-2020-0007
LANDSCAPE ARCHITECT

SEAL

BAMFORTH ENGINEERS + SURVEYORS

A/E INFO

APPROVED

FOR COMMANDER NAVFAC 11/21/2022

ACTIVITY

Approved by J. Scott Roberts, Asset Management Branch Head & Supervisory Facility Planner, PWD Beaufort, SC via email.

SATISFACTORY TO DATE 12/15/2022

DES BDR	DRW RWB	CHK BDG	
PM/DM	KTB/RLH		
BRANCH MANAGER	DLB		
CHIEF ENG/ARCH	EJA		
FIRE PROTECTION	DSN		

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NORFOLK, VA
DC CORE

MCAS BEAUFORT
BEAUFORT, SC

P-475 AIRCRAFT MAINTENANCE HANGAR - VOLUME 6
SITE BASE BID AND ADDITIONAL OPTIONS

LANDSCAPE PLAN ENLARGEMENT

SCALE: GRAPHIC

EPROJECT NO.: 1363603

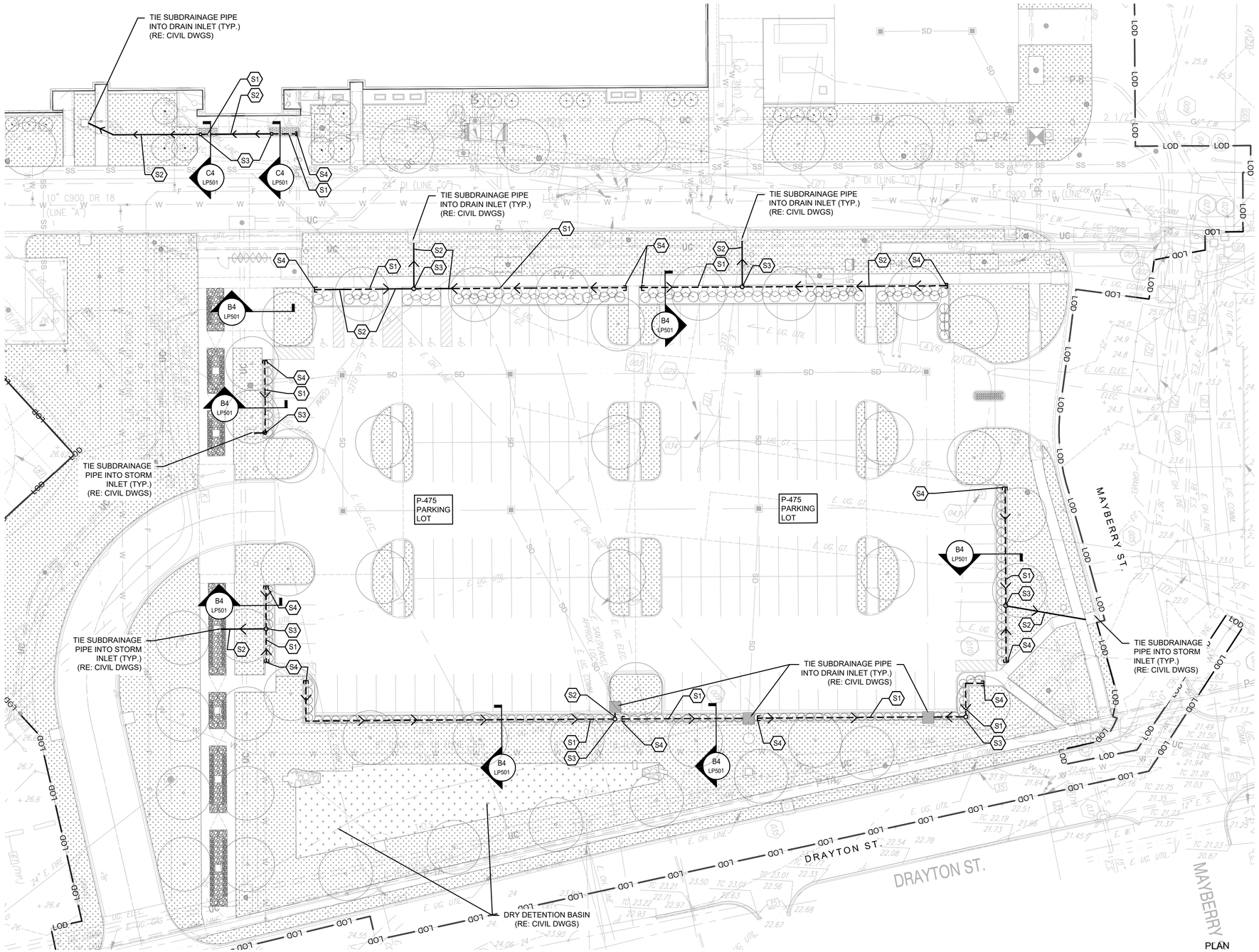
CONSTR. CONTR. NO.

NAVFAC DRAWING NO.
12871451

SHEET 1356 OF 1412

LP400X

DRAWFORM REVISION: 25 AUGUST 2020



A1 LANDSCAPE SUBDRAINAGE ENLARGEMENT PLAN (BASE BID)

Scale: 1:25

0 12.5' 25' 50' 100' 150'

1"=25'-0" GRAPHIC SCALE

GENERAL LANDSCAPE SUBDRAINAGE NOTES

1. THIS PLAN PROVIDES LAYOUT OF LANDSCAPE SUBDRAINAGE TO BE PROVIDED BY THE LANDSCAPE CONTRACTOR. REFER TO THE FOLLOWING SPECIFICATIONS FOR SCOPE OF WORK, RESPONSIBILITIES, PRODUCTS & EXECUTION OF WORK:
   1.1. **SECTION 329300 - EXTERIOR PLANTS**
2. CONTRACTOR SHALL VERIFY LOCATION OF UTILITIES BY CONTACTING THE RESPECTIVE UTILITY COMPANIES AND/ OR THE LOCAL "ONE-CALL"/"CALL-BEFORE-YOU-DIG" SYSTEM AND BY EXCAVATING TEST PITS IF NECESSARY.

S1 — PROVIDE 4" PERFORATED DRAIN PIPE; (RE: B4/LP501)

S2 — PROVIDE 4" SOLID DRAIN PIPE; (RE: B1/LP501)

S3 — PROVIDE 4" CLEANOUT PIPE; (RE: A2/LP501)

S4 — PROVIDE 4" DRAIN CAP; (RE: A4/LP501)

(DIRECTION OF FLOW)

LP 103X	LP 104X
LP 101X	LP 102X

KEY PLAN

SYM	DESCRIPTION	DATE	APPR
	MOD P00006 AND MOD P00007		
	MOD P00005		

NAVFAC

STATE OF MISSOURI — BOB G. BUSHYHEAD — NUMBER — LANDSCAPE ARCHITECT — SEAL

BAMFORTH ENGINEERS + SURVEYORS

A/E INFO

APPROVED FOR COMMANDER NAVFAC 11/21/2020

ACTIVITY: Approved by J. Scott Roberts, Asset Management Branch Head & Supervisory Facility Planner, PWD Beaufort, SC via email.

SATISFACTORY TO DATE 12/15/2022

DES BDR	DRW RWB	CHK BDG	
PM/DM	KTB/RLH		
BRANCH MANAGER	DLB		
CHIEF ENG/ARCH	EJA		
FIRE PROTECTION	DSN		

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NORFOLK, VA
DC CORE

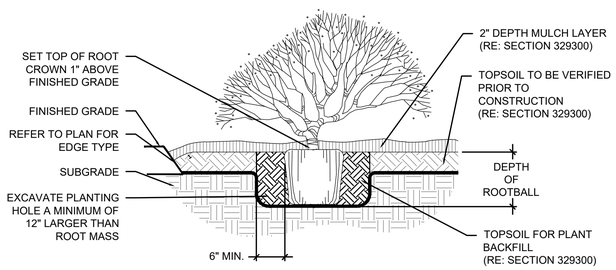
MCAS BEAUFORT
BEAUFORT, SC
P-475 AIRCRAFT MAINTENANCE HANGAR - VOLUME 6
SITE BASE BID AND ADDITIONAL OPTIONS

LANDSCAPE SUBDRAINAGE ENLARGEMENT

SCALE: GRAPHIC
EPROJECT NO.: 1363603
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12871452
SHEET 1357 OF 1412

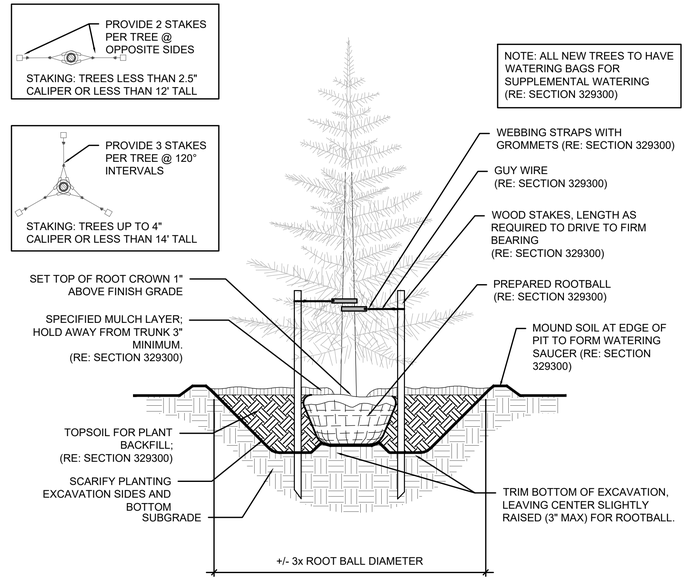
LP401X

DRAWFORM REVISION: 25 AUGUST 2020



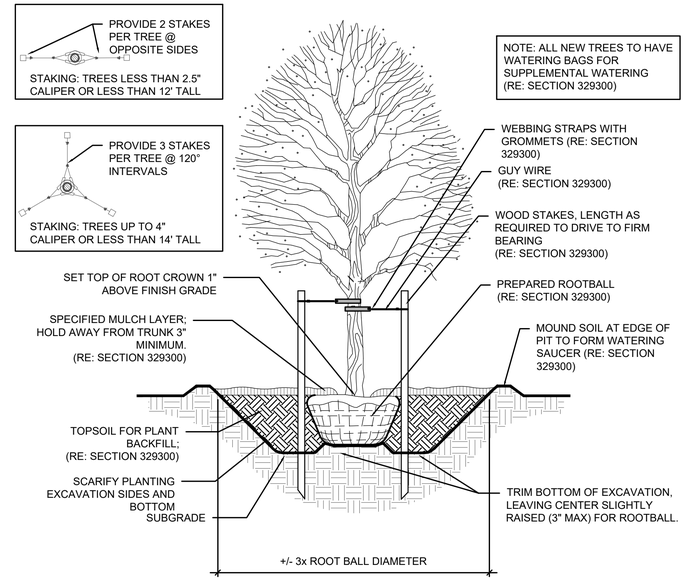
C1 SHRUB PERENNIAL GRASS

Scale: N.T.S.



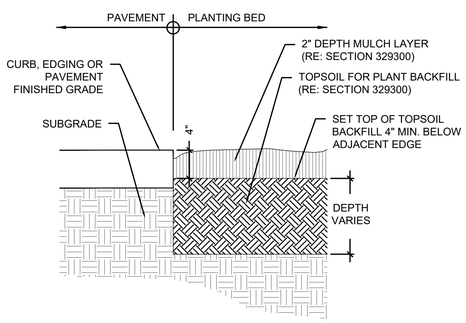
C2 EVERGREEN TREE

Scale: N.T.S.



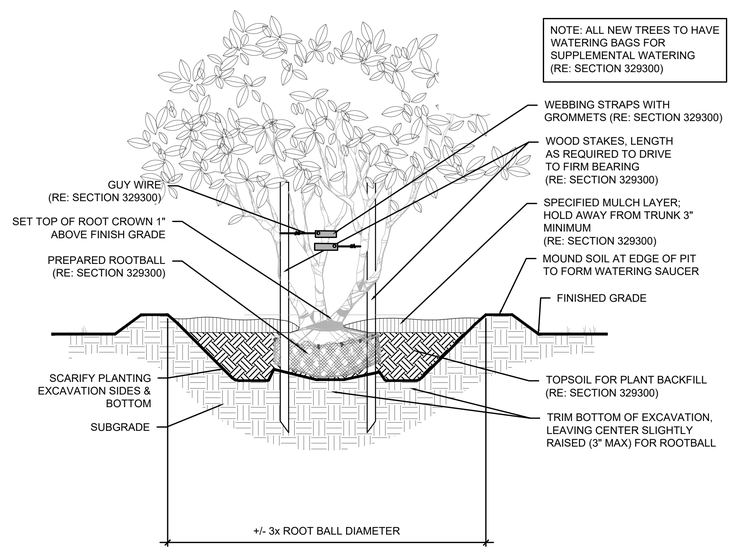
C4 DECIDUOUS TREE

Scale: N.T.S.



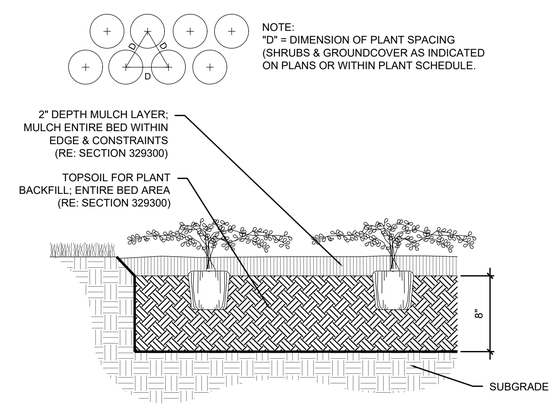
A1 PLANTING BED AT CONCRETE

Scale: N.T.S.



A2 MULTI TRUNK TREE

Scale: N.T.S.



A4 GROUNDCOVER AND VINES

Scale: N.T.S.

SYM	DESCRIPTION	DATE	APPR
	MOD P00006 AND MOD P00007		
	MOD P00005		

NAVFAC

STATE OF MISSOURI — BOB G. BUSHYHEAD — NUMBER A-2002000107 — 10/01/2020 — LANDSCAPE ARCHITECT — SEAL

BAMFORTH ENGINEERS + SURVEYORS

A/E INFO

APPROVED

FOR COMMANDER NAVFAC 11/21/2023

ACTIVITY

Approved by J. Scott Roberts, Asset Management Branch Head & Supervisory Facility Planner, PWD Beaufort, SC via email.

SATISFACTORY TO DATE 12/15/2022

DES BDR | DRW RWB | CHK BDG

PM/DM KTB/RLH

BRANCH MANAGER DLB

CHIEF ENG/ARCH EJA

FIRE PROTECTION DSN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
DC CORE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC NORFOLK, VA
MCAS BEAUFORT
BEAUFORT, SC

P-475 AIRCRAFT MAINTENANCE HANGAR - VOLUME 6
SITE BASE BID AND ADDITIONAL OPTIONS

LANDSCAPE DETAILS

SCALE: N.T.S.

EPROJECT NO.: 1363603

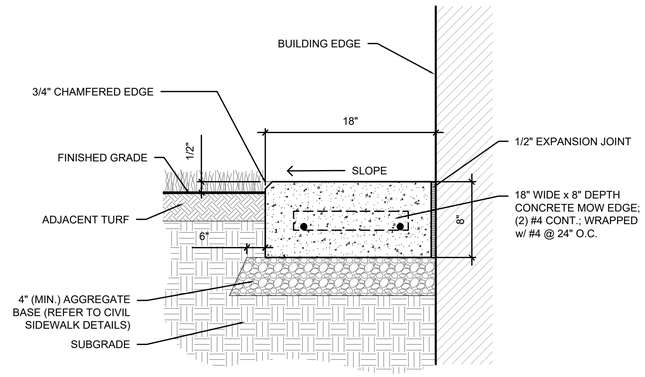
CONSTR. CONTR. NO.

NAVFAC DRAWING NO. 12871453

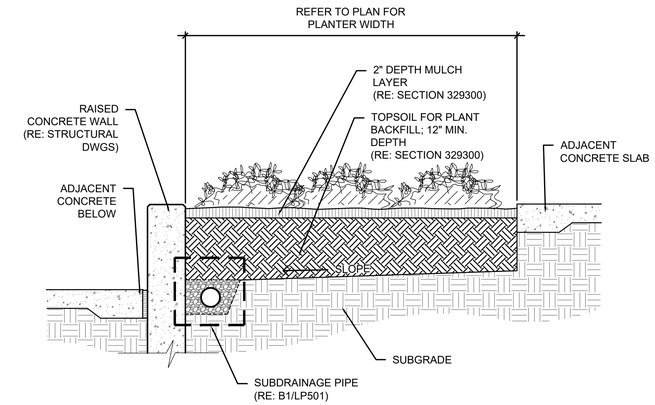
SHEET 1358 OF 1412

LP500X

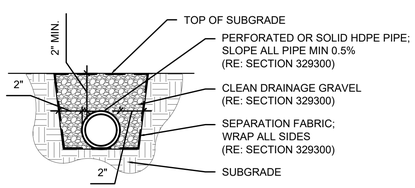
DRAWFORM REVISION: 25 AUGUST 2020



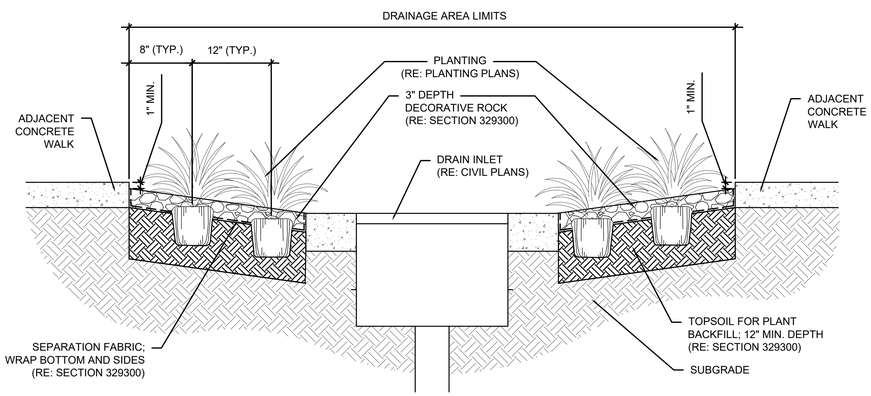
C2 CONCRETE MOW EDGE
Scale: N.T.S.



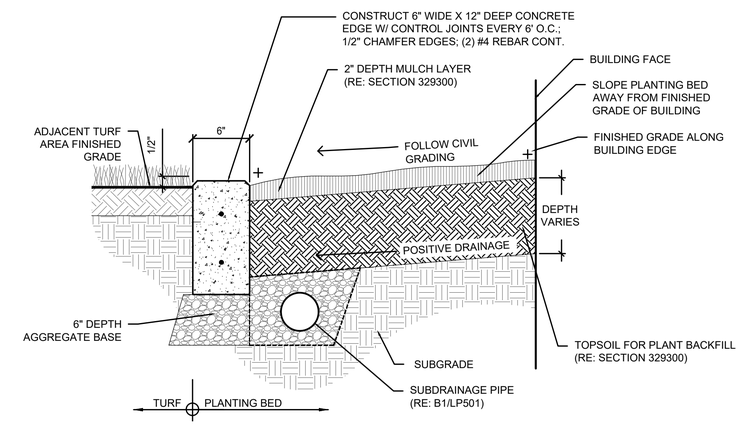
C4 RAISED PLANTER SECTION
Scale: N.T.S.



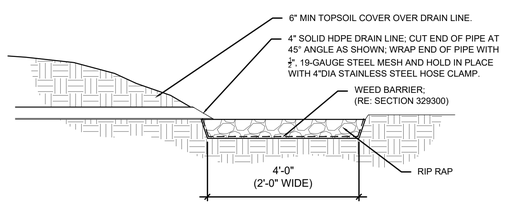
B1 SUBDRAINAGE PIPE -TYPICAL
Scale: N.T.S.



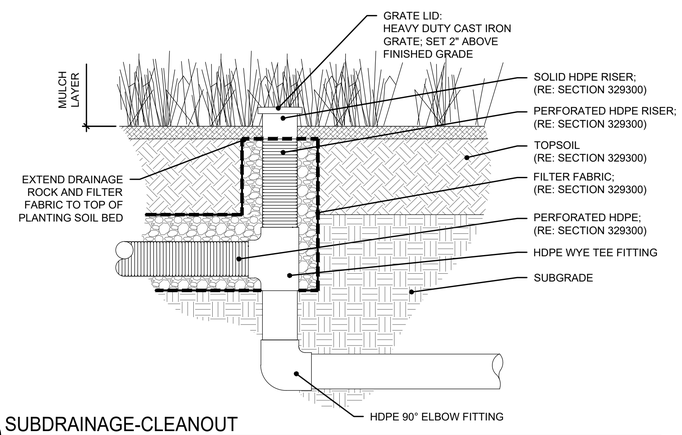
B2 DRAINAGE AREA- SECTION
Scale: N.T.S.



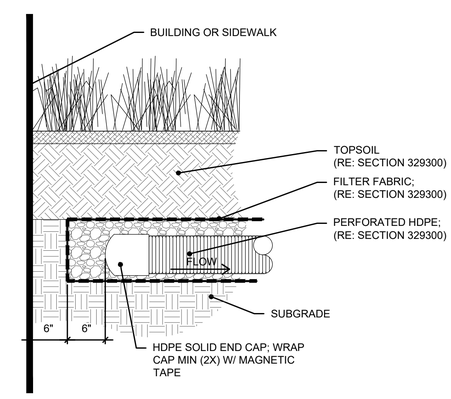
B4 6 IN. CONCRETE EDGE AT PLANTING BED
Scale: N.T.S.



A1 SUBDRAINAGE-OUTFALL
Scale: N.T.S.



A2 SUBDRAINAGE-CLEANOUT
Scale: N.T.S.



A4 SUBDRAINAGE-END CAP
Scale: N.T.S.

SYM	DESCRIPTION	DATE	APPR
	MOD P00006 AND MOD P00007		
	MOD P00005		

NAVFAC

STATE OF MISSOURI BOB G. BUSHYHEAD NUMBER A-2002000107 LANDSCAPE ARCHITECT
SEAL

BAMFORTH ENGINEERS + SURVEYORS
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 11/21/2022

ACTIVITY
Approved by J. Scott Roberts, Asset Management Branch Head & Supervisory Facility Planner, PWD Beaufort, SC via email.

SATISFACTORY TO DATE 12/15/2022

DES BDR	DRW RWB CHK BDG
PM/DM	KTB/RLH
BRANCH MANAGER	DLB
CHIEF ENG/ARCH	EJA
FIRE PROTECTION	DSN

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
DC-CORE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC NORFOLK, VA.
M/CAS BEAUFORT
BEAUFORT, SC
P-475 AIRCRAFT MAINTENANCE HANGAR - VOLUME 6
SITE BASE BID AND ADDITIONAL OPTIONS
LANDSCAPE DETAILS

SCALE: N.T.S.
EPROJECT NO.: 1363603
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12871454
SHEET 1359 OF 1412
LP501X

DRAWFORM REVISION: 25 AUGUST 2020

PLANT MATERIAL SCHEDULE (BASE BID)

SYM.	KEY	*BOTANICAL NAME*	COMMON NAME	MIN. SIZE & REMARKS	MIN HEIGHT	MIN SPREAD	QUANTITY
	SHADE/STREET TREES						
	AR	*Acer rubrum 'dromondii'*	Swamp Red Maple	2.5" cal.	12 ft.		24
	TD	*Taxodium Distichum 'Mickelson'*	Shawnee Brave Bald Cyress	2.5" cal.	12 ft.		10
	QV	*Quercus virginiana 'Cathedral'*	Cathedral Live Oak	2.5" cal.	12 ft.		18
	ORNAMENTAL TREE						
	LIA	*Lagerstroemia indica 'Alba'*	White Crape Myrtle	10' ht., clear understory, multi-stem	10 ft.		10
	LIR	*Lagerstroemia indica 'Apapaho'*	Apapaho Crape Myrtle (Red)	10' ht., clear understory, multi-stem	10 ft.		4
	MC	*Myrica cerifera*	Wax Myrtle (Tree Form)	10' ht., clear understory, multi-stem	10 ft.		6
	EVERGREEN SHRUB						
	IC	*Ilex crenata 'Stokes'*	Stokes Japanese Holly	#3 @ 48" o.c.	12"	9"	87
	PL	*Prunus lauroceaus*	Dwarf English Laurel	#3 @ 48" o.c.	12"	9"	39
	RI	*White Indian Hawthorn*	Raphiolepis indica 'alba'	#3 @ 48" o.c.	12"	9"	67
	DECIDUOUS SHRUB						
	VP	*Viburnum plicatum 'Summer Snowflake'*	Summer Snowflake Doublefile Viburnum	#3 @ 48" o.c.	12"	9"	24
	PERENNIAL/GROUNDCOVER/VINE						
	PS	*Phlox subulata*	Creeping Phlox	#1 @ 18" o.c.	6"	6"	36
	OJ	*Ophiopogon jaburan*	Mondo Grass	#1 @ 12" o.c.	9"	6"	562
	TURFGRASS/ INERT MULCH						
P1	Turfgrass Sod (Type 1)			(RE: 329223 - SODDING)			
P2	Turfgrass Sod (Type 2)			(RE: 329223 - SODDING)			
P3	INERT MULCH MATERIAL "DECORATIVE ROCK"			(RE: 329300 - EXTERIOR PLANTS)			

SYM	DESCRIPTION	DATE	APPR
	MOD P00006 AND MOD P00007		
	MOD P00005		

NAVFAC

STATE OF MISSOURI
BOB G. BUSHYHEAD
NUMBER
LA-2002000001
LANDSCAPE ARCHITECT
SEAL

BAMFORTH
ENGINEERS + SURVEYORS
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 11/21/2023
ACTIVITY
Approved by J. Scott Roberts, Asset Management Branch Head & Supervisory Facility Planner, PWD Beaufort, SC via email.
SATISFACTORY TO DATE 12/15/2022

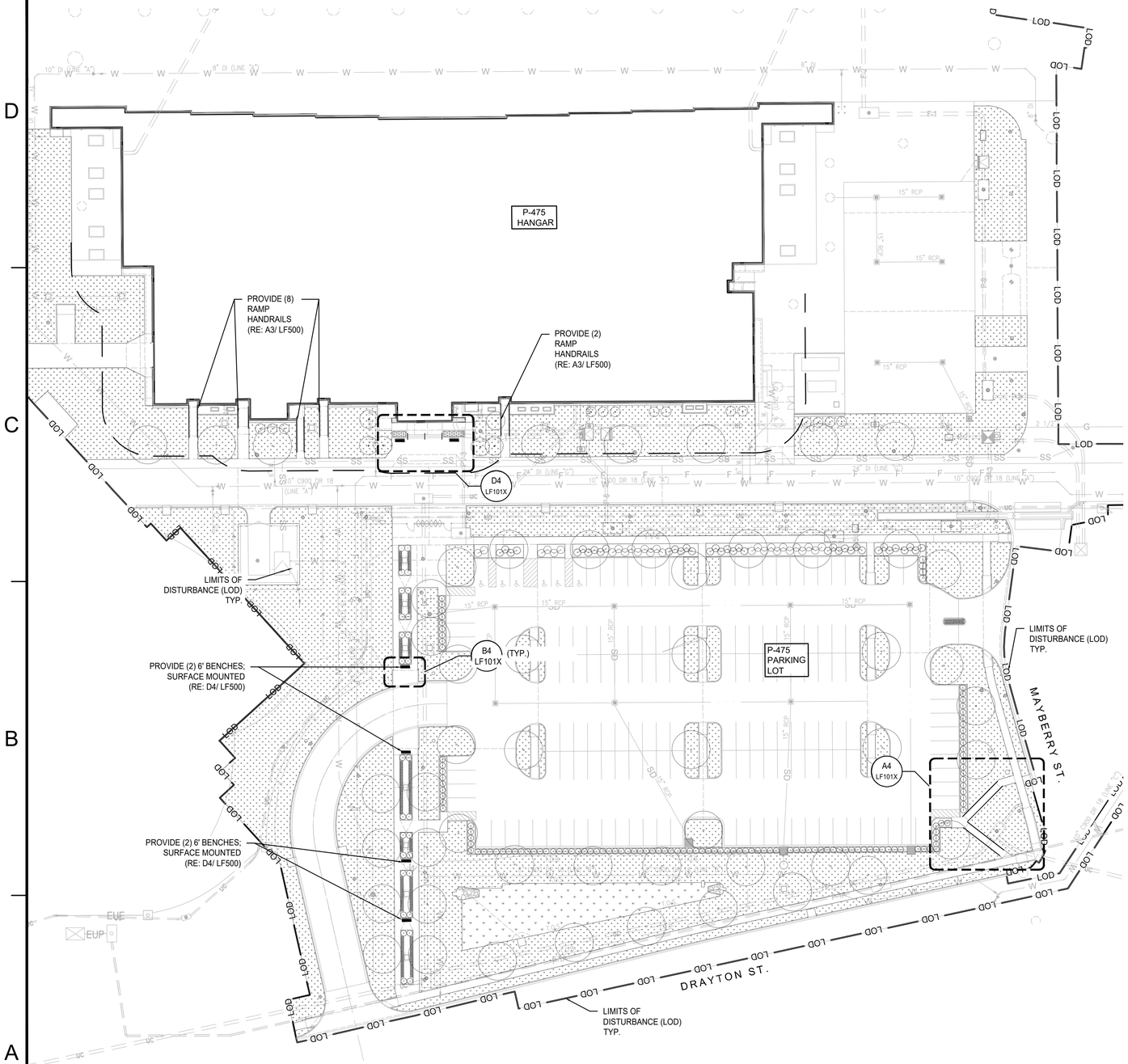
DES BDR	DRW RWB	CHK BDG	
PM/DM	KTB/RLH		
BRANCH MANAGER	DLB		
CHIEF ENG/ARCH	EJA		
FIRE PROTECTION	DSN		

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
DC CORE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NORFOLK, VA
MCAS BEAUFORT
BEAUFORT, SC
P-475 AIRCRAFT MAINTENANCE HANGAR - VOLUME 6
SITE BASE BID AND ADDITIONAL OPTIONS
LANDSCAPE SCHEDULE

SCALE: NONE
EPROJECT NO.: 1363603
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12871455
SHEET 1360 OF 1412

LP600X

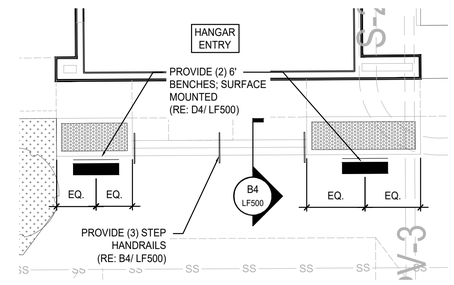
DRAWFORM REVISION: 25 AUGUST 2020



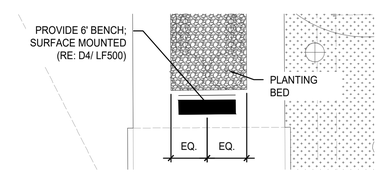
A1 LANDSCAPE FURNISHING PLAN (BASE BID)
Scale: 1:40

0 20' 40' 80' 120' 160'
1"=40'-0" GRAPHIC SCALE

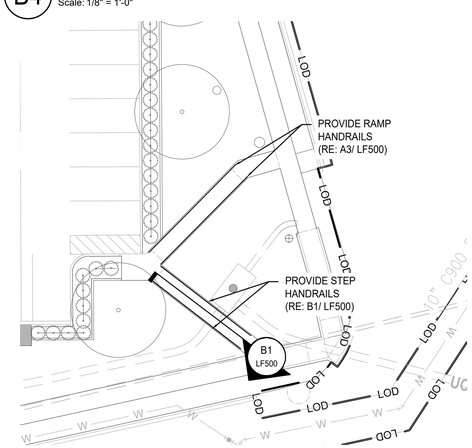
PLAN NORTH
TRUE N



D4 HANGER ENTRANCE PLAN
Scale: 1" = 10'-0"



B4 BENCH LAYOUT B - TYPICAL
Scale: 1/8" = 1'-0"



A4 NORTHEAST PARKING AREA
Scale: 1"= 20'-0"

SITE FURNISHING SCHEDULE

SYM	ITEM/DESCRIPTION	QUANTITY
	BENCH (REFER TO DETAIL D4/LF500 OR NOTED ENLARGEMENT FOR LOCATING IN LANDSCAPE)	6
	HANDRAILS (STEP OR RAMP) (RE: DETAILS SHEET LF500)	

GENERAL SITE FURNISHING NOTES

1. THIS PLAN PROVIDES LAYOUT & QUANTITY OF ALL SITE FURNISHINGS TO BE PROVIDED BY THE LANDSCAPE CONTRACTOR. REFER TO **SECTION 12 93 00 - SITE FURNISHINGS** FOR COMPLETE SCOPE OF WORK, RESPONSIBILITIES, PRODUCTS AND EXECUTION OF WORK.
2. CONTRACTOR SHALL VERIFY LOCATION OF ALL UTILITIES BY CONTACTING ALL OF THE RESPECTIVE UTILITY COMPANIES AND/ OR THE LOCAL "ONE-CALL"/"CALL-BEFORE-YOU-DIG" SYSTEM AND BY EXCAVATING TEST PITS IF NECESSARY.
3. LANDSCAPE ARCHITECT & OWNERS REP TO SELECT FINAL LOCATIONS OF ALL SITE FURNISHINGS. CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT AND OWNERS REP PRIOR TO FINAL PLACEMENT OF ALL FURNISHINGS.

SYM	DESCRIPTION	DATE	APPR
	MOD P00006 AND MOD P00007		
	MOD P00005		

NAVFAC

STATE OF MISSOURI
BOB G. BUSHYHEAD
NUMBER
LA-2002000071
LANDSCAPE ARCHITECT
SEAL

BAMFORTH
ENGINEERS + SURVEYORS

A/E INFO

APPROVED
FOR COMMANDER NAVFAC 11/21/2022
ACTIVITY
Approved by J. Scott Roberts, Asset Management Branch Head & Supervisory Facility Planner, PWD Beaufort, SC via email.
SATISFACTORY TO DATE 12/15/2022

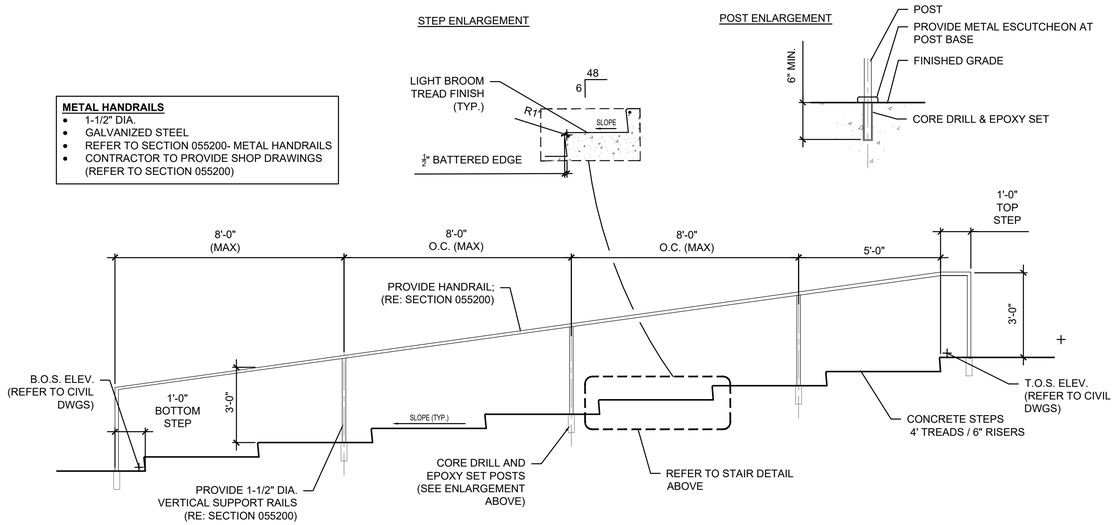
DES BDR	DRW RWB	CHK BDG	
PM/DM	KTB/RLH		
BRANCH MANAGER	DLB		
CHIEF ENG/ARCH	EJA		
FIRE PROTECTION	DSN		

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
DC-CORE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC NORFOLK, VA.
MCAS BEAUFORT
BEAUFORT, SC
P-475 AIRCRAFT MAINTENANCE HANGAR - VOLUME 6
SITE BASE BID AND ADDITIONAL OPTIONS
LANDSCAPE FURNISHING PLAN

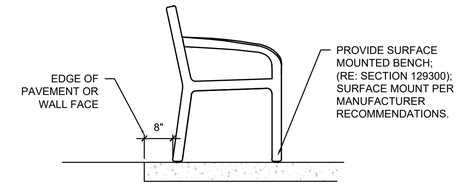
SCALE: VARIES
EPROJECT NO.: 1363603
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12871456
SHEET 1361 OF 1412

LF101X

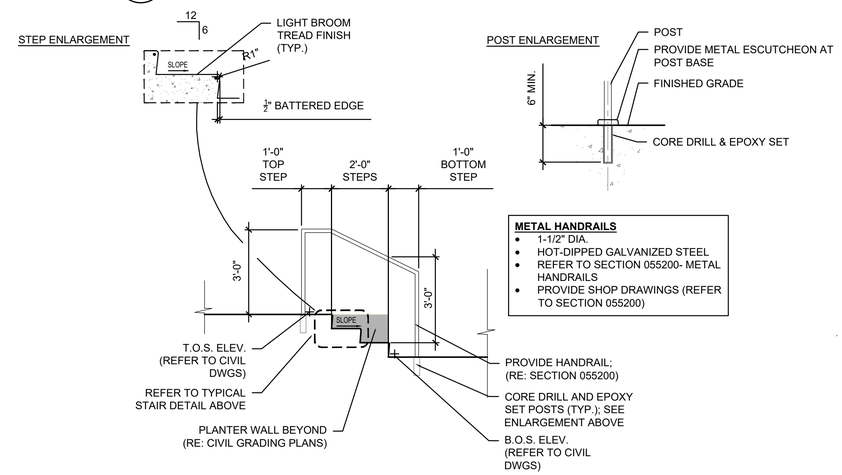
DRAWFORM REVISION: 25 AUGUST 2020



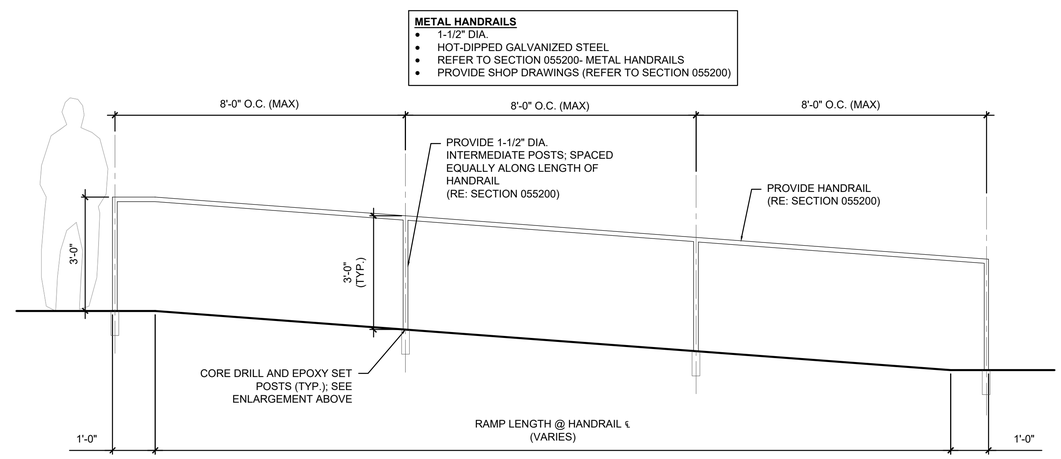
B1 GARAGE ENTRY STEPS & HANDRAIL
Scale: N.T.S.



D4 BENCH INSTALLATION - TYPICAL
Scale: N.T.S.



B4 HANGAR ENTRANCE STEPS & HANDRAIL
Scale: N.T.S.



A3 RAMP HANDRAIL - TYPICAL
Scale: N.T.S.

SYM	DESCRIPTION	DATE	APPR
	MOD P00006 AND MOD P00007		
	MOD P00005		

NAVFAC

STATE OF MISSOURI — BOB G. BUSHYHEAD — NUMBER A-2002000107 — LICENSED PROFESSIONAL LANDSCAPE ARCHITECT — 10/01/2020
SEAL

BAMFORTH ENGINEERS + SURVEYORS
A/E INFO

APPROVED
FOR COMMANDER NAVFAC 11/21/2025

ACTIVITY
Approved by J. Scott Roberts, Asset Management Branch Head & Supervisory Facility Planner, PWD Beaufort, SC via email.

SATISFACTORY TO	DATE 12/15/2022		
DES BDR	DRW RWB	CHK BDG	
PM/DM	KTB/RLH		
BRANCH MANAGER	DLB		
CHIEF ENG/ARCH	EJA		
FIRE PROTECTION	DSN		

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NORFOLK, VA
DC CORE
MCAS BEAUFORT
BEAUFORT, SC
P-475 AIRCRAFT MAINTENANCE HANGAR - VOLUME 6
SITE BASE BID AND ADDITIONAL OPTIONS
LANDSCAPE FURNISHING DETAILS

SCALE:
EPROJECT NO.: 1363603
CONSTR. CONTR. NO.
NAVFAC DRAWING NO. 12871457
SHEET 1362 OF 1412
LF500X

DRAWFORM REVISION: 25 AUGUST 2020