

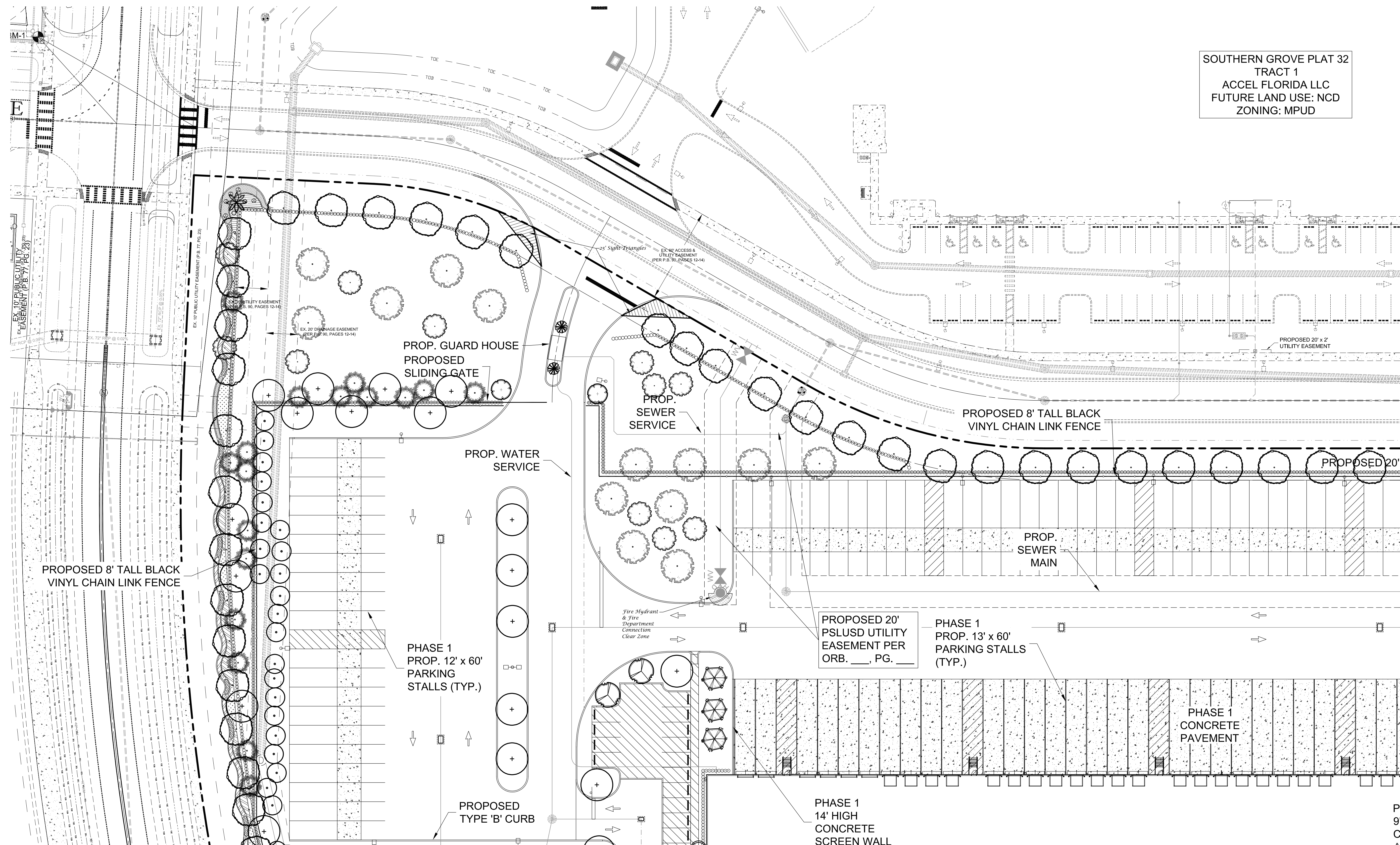


*Tom Mackie Boulevard, Tradition
City of Port St. Lucie, Florida*

Job No. 24-1003
Drawn By JWS
Submittal Dates 11-4-2024
1-8-2025

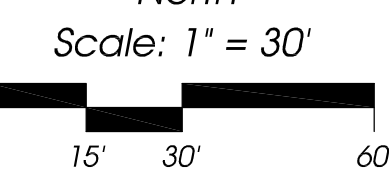
Sheet **CL-2** of **6**
City Project Numbers: P24-190

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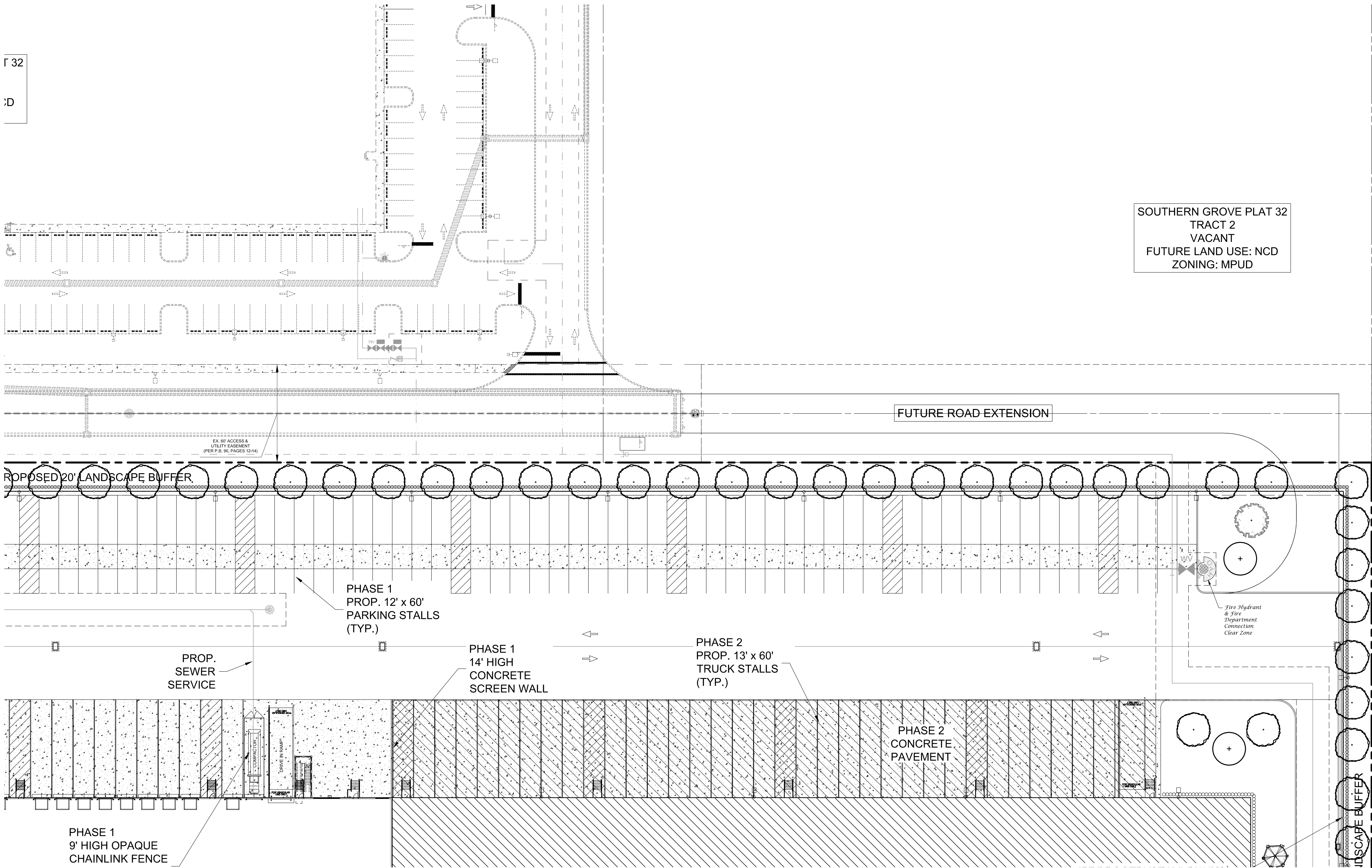
Conceptual Landscape Plan

Not For Construction



Not For Construction

Γ 32
:D



SOUTHERN GROVE PLAT 32
TRACT 2
VACANT
FUTURE LAND USE: NCD
ZONING: MPUD

FUTURE ROAD EXTENSION

PROPOSED 20' LANDSCAPE BUFFER

PHASE 1
PROP. 12' x 60'
PARKING STALLS
(TYP.)

PROP.
SEWER
SERVICE

PHASE 1
14' HIGH
CONCRETE
SCREEN WALL

PHASE 2
PROP. 13' x 60'
TRUCK STALLS
(TYP.)

PHASE 2
CONCRETE
PAVEMENT

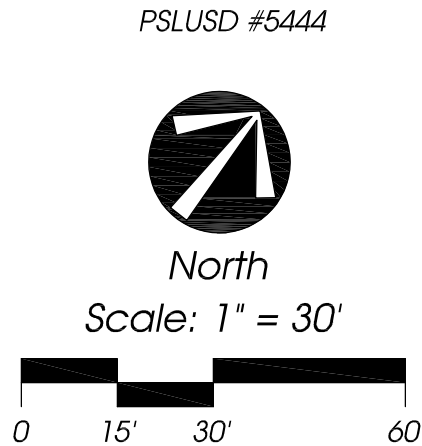
PHASE 1
9' HIGH OPAQUE
CHAINLINK FENCE

Fire Hydrant
& Fire
Department
Connection
Clear Zone

LANDSCAPE BUFFER

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Project King

Tom Mackie Boulevard, Tradition
City of Port St. Lucie, Florida

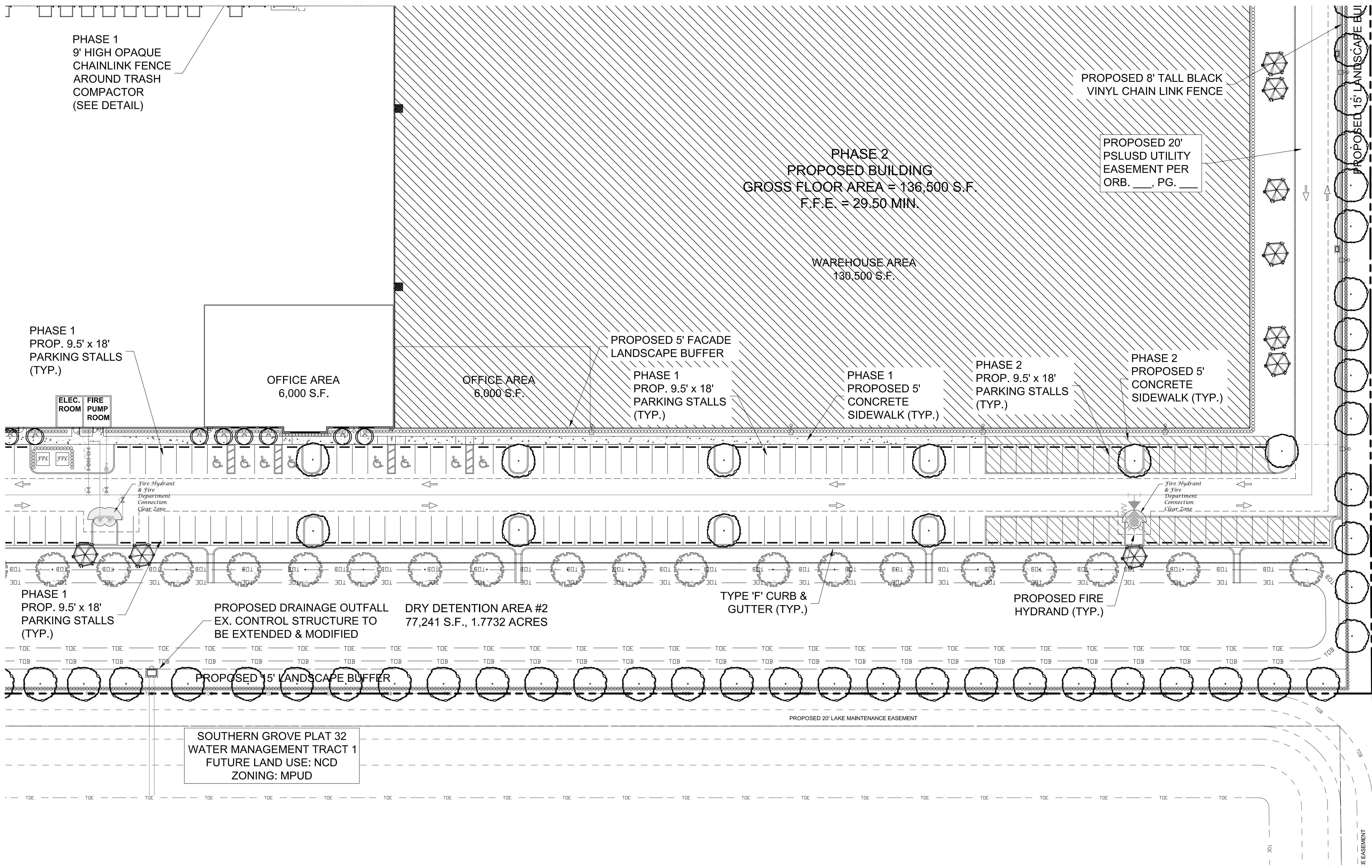
Jeffrey W. Smith, RLA
Florida Registration Number:
LA 0001635

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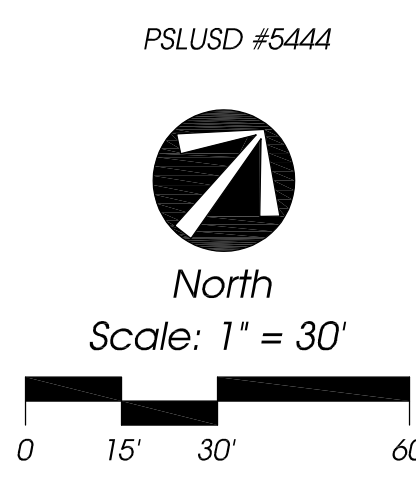
Revision Dates

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Sheet CL-4 of 6
City Project Numbers: P24-190



Project King
Tom Mackie Boulevard, Tradition
City of Port St. Lucie, Florida



Conceptual Landscape Plan

Not For Construction

Landscape Data

(City of PSL Requirements)

Perimeter Landscaping Adjacent to Road Right-of-way- West Buffer (823')

Trees

Required - (1 Tree/30 l.f.)- 823 l.f./30 = 28 Trees

Provided - 28 Trees

Shrubs

Required - Continuous Hedge 2' O.C. = 412 Shrubs

Provided - 412 Shrubs

Perimeter Landscaping Adjacent to Road Right-of-way- North Buffer (1,587')

Trees

Required - (1 Tree/30 l.f.)- 1,587 l.f./30 = 53 Trees

Provided - 53 Trees

Shrubs

Required - Continuous Hedge 2' O.C. = 794 Shrubs

Provided - 794 Shrubs

Perimeter Landscaping Adjacent to Another Property - South Buffer (1,415')

Trees

Required - (1 Tree/30 l.f.)- 1,415 l.f./30 = 47 Trees

Provided - 47 Trees

Shrubs

Required - Continuous Hedge 2' O.C. = 708 Shrubs

Provided - 708 Shrubs

Perimeter Landscaping Adjacent to Another Property - East Buffer (628')

Trees

Required: (1 Tree/30 l.f.) - 628 l.f./30 = 21 Trees

Provided: 21 Trees

Shrubs

Required: Continuous Hedge 2' O.C. = 314 Shrubs

Provided: 314 Shrubs

Parking Area Interior Landscaping

Required Terminal/Interior Island Trees - 1 Tree per

Terminal/Interior Island = 45 Trees

* Total Terminal/Interior Island Trees Provided = 45 Trees

Palm Requirements

Required : No more than 25% of required trees may be palms

Total Trees = 289

Total Palms = 39 @ 2:1 = 20 Trees

Provided: Palms = 20 = 7%

154.c.4 = Building facade palms are excluded from Palm requirement

Building Facades

Trees

Required - 1 Tree / 30 l.f. of Building Perimeter

2,828 l.f. of Building Perimeter / 30 l.f. = 95 Trees

* Provided - 95

Shrubs

Require - 1 Shrub / 2 l.f. of Building Perimeter

2,828 l.f. / 2 = 1,414 Shrubs

Provided - 1,414 Shrubs

Native Plants

Trees:

Required: 50% of all required trees shall be native

Total Trees = 289 (145 = 50%)

Provided: Native Trees = 145 / 289 = 50%

Shrubs:

Required: 25% of all required shrubs shall be native

Total Shrubs = 5,242 (1,311 Minimum)

Provided: Native Shrubs = 1,311 = 25%

Flowering Trees

Required: 20% of all required trees shall be flowering

Total Trees = 289 (Not Including Palms) x 20% = 58

Provided: Flowering Trees = 58 = 20%

Landscape Island Evergreen Shade Trees

Required: 75% of all required trees located within landscape islands shall be evergreen shade trees

Total Landscape Islands = 45 x 75% = 34 Trees

Provided: Landscape Islands with Evergreen Shade Trees = 34 = 75%

Tree Species Mix

Required: When 41+ trees are required the minimum species mix = 5

Provided: 9

Total Trees:

Total Trees Required: 289

Total Trees Provided: 289

289 Trees + 0 Palms @ 2:1 = 0 Trees = 289 Trees

Total Shrubs:

Total Shrubs Required: 5,242

Total Shrubs Provided: 5,242

*Note:

Some trees relocated due to site constrains such as utilities, loading docks, etc.

Port St. Lucie Utility Systems Department Notes

- No landscaping shall be planted in a manner that would adversely affect utility easements. Landscaping shall be in compliance with Chapter 154 of the City of Port St. Lucie Code of Ordinances, PSLUSD technical specifications and policies.
- All landscaping within City utility easements shall comply with PSLUSD technical specifications, policies, and codes.
- All landscaping shall meet the latest PSLUSD Landscape Policy and shall not be placed in a manner that would create conflicts with the intended operation and maintenance of any existing utility.
- Trees shall not be planted within ten (10) feet of any PSLUSD underground infrastructure.
- No landscaping other than sod grasses shall be located within 5' of a PSLUSD appurtenance such as a water meter assembly, backflow device, fire hydrant or sewer cleanout, etc.

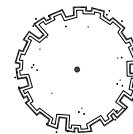
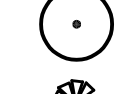
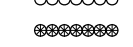
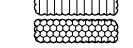
Port St. Lucie Engineering Department Notes

- The landscape plans meet the City's sight distance and clear zone requirements from Section 158.204 of the Code for 10' requirements.

General Notes

- No plant substitutions can be made without the City of Port St. Lucie's approval.
- All required landscape improvements must be inspected and approved by the City of Port St. Lucie prior to the issuance of a Certificate of Occupancy.
- Any existing landscaping, sod, or irrigation damaged or destroyed during the construction shall be replaced prior to the final inspection.
- All prohibited, exotic and invasive species shall be removed from the entire site prior to issuance of certificate of occupancy.
- Planting adjacent to fire hydrants is to have a minimum clear radius of 7.5' as required by the NFPA Uniform Fire Code Florida Edition 18.3.4.1 Hydrants. All fire hydrants and fire check valves shall have a minimum of 7.5' from the front and sides with 4' from the rear to all landscape material per the Florida Fire Prevention Code.

Plant List

QTY	SYM	SPECIES	COMMON NAME/DESCRIPTION	SIZE	SPACING	REMARKS	DROUGHT TOLERANCE
CANOPY / ORNAMENTAL TREES							
	50	DR	DELONIX REGIA	ROYAL POINCIANA	14' x 6', 2.5' CAL.	A.S.	FULL CANOPY, 4' C.T. MIN. HIGH
	3	IE*	ILEX x ATTENUATA 'EAGLESTON'	EAGLESTON HOLLY	14' x 6', 2.5' CAL.	A.S.	FULL CANOPY, 4' C.T. MIN. HIGH
	11	LS	LAGERSTROEMIA SPECIOSA	QUEENS CREPE MYRTLE	14' x 6', 2.5' CAL.	A.S.	FULL CANOPY, 4' C.T. MIN. HIGH
	2	MG*	MAGNOLIA GRANDIFLORA	LITTLE GEM MAGNOLIA	14' x 6', 2.5' CAL.	A.S.	FULL CANOPY, 4' C.T. MIN. HIGH
	13	MG-1*	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA D.D. BLANCHARD	14' x 6', 2.5' CAL.	A.S.	FULL CANOPY, 4' C.T. MIN. HIGH
	17	PE*	PINUS ELLIOTTI DENS A	SOUTH FLORIDA SLASH PINE	14' x 6', 2.5' CAL.	A.S.	FULL CANOPY, 4' C.T. MIN. HIGH
	27	QL*	QUERCUS LAURIFOLIA	LAUREL OAK	14' x 6', 2.5' CAL.	A.S.	FULL CANOPY, 4' C.T. MIN. HIGH
	161	QV*	QUERCUS VIRGINIANA	LIVE OAK	14' x 6', 2.5' CAL.	A.S.	FULL CANOPY, 4' C.T. MIN. HIGH
	PALMS						
	3	AW	ACOELOR WRIGHTII	PAUROTIS PALM	12 x 12' 15 CANES	A.S.	SPECIMEN, FULL, MULTI, SYMMETRICAL, MATCHED
	20	PT	PTYCHOSPERMA ELEGANS	ALEXANDER PALM	12' O.A.	A.S.	FULL, DOUBLE TRUNKS, SYMMETRICAL
	10	RE*	ROYSTONEA ELATA	ROYAL PALM	12' C.T.	A.S.	FULL HEAD, FAT TRUNKS, SYMMETRICAL, MATCHED
	24	SP*	SABAL PALMETTO	SABAL PALM	12' - 15' C.T.	A.S.	SLICK TRUNKS, HIGH
	2	CH	CHAMAEOPUS HUMILIS	EUROPEAN FAN PALM	8' O.A.	A.S.	FULL TO BASE, MULTI-STEM, SPECIMEN
SHRUBS / GROUNDCOVERS / ACCENTS							
	175	CES*	CONDICARPUS ERECTUS VAR. SERICEUS	SILVER BUTTOWNWOOD	2' x 2'	3' O.C.	FULL & THICK
	2,175	CHI*	CHRYSOBALANUS ICACO	COCOPALM	2' x 2'	2' O.C.	FULL & THICK
	250	POM	PODOCARPUS MAKII	PODOCARPUS	2' x 2'	2' O.C.	FULL & THICK
	875	MYR*	MYRICANTHES FRAGRANS	SIMPSON STOPPER	2' x 2'	2' O.C.	FULL & THICK
	175	MYR-1*	MYRICANTHES FRAGRANS	SIMPSON STOPPER	3' x 2'	2' O.C.	FULL & THICK
	175	MUC*	MULHBERGIA CAVALARIS	MULBERRY GRASS	24" x 24"	3' O.C.	FULL & THICK
	175	BOD	BOUGAINVILLEA 'DWARF HELEN JOHNSON'	DWARF BOUGAINVILLEA	12" x 12"	2' O.C.	FULL & THICK
	175	FGI	FICUS MICROCARPA 'GREEN ISLAND'	GREEN ISLAND FICUS	12" x 12"	2' O.C.	FULL & THICK
	175	ILV*	ILEX VOMITORIA	DWARF YAUPOH HOLLY	12" x 12"	2' O.C.	FULL & THICK
	175	JUP	JUNIPERUS PARSONII	PARSONS JUNIPER	12" x 12"	2' O.C.	FULL & THICK
	175	LAM	LANTANA MONTEVIDENSIS	PURPLE LANTANA	12" x 12"	2' O.C.	FULL & THICK
	175	PHX	PHILODENDRON 'XANADU'	PHILODENDRON - XANADU	12" x 12"	2' O.C.	FULL & THICK
	175	PTW	PITTOSPORUM 'WHEELER'	WHEELERS PITTOSPORUM	12" x 12"	2' O.C.	FULL & THICK
	175	ZAP*	ZAMIA FLORIDANA - COONTIE	FLORIDA ZAMIA	12" x 12"	2' O.C.	FULL & THICK
	5	CRA	CRANUM LILY	A.S.	2' x 3'	A.S.	FULL & THICK
	6	CYR	CYCAS REVOLUTA	KING SAGO	2' x 3'	A.S.	FULL & THICK
	3	STR	STRELITZIA REGINEA	ORANGE BIRD OF PARADISE	2' x 3'	A.S.	FULL & THICK
	3	ZAM	ZAMIA FURFURACEA	MEXICAN ZAMIA	2' x 3'	A.S.	FULL & THICK
	SOD-1	PASPALLUM NOTATUM	BAHA SOD	SEE SPECS			HIGH
	SOD	STENOTAPHRUM SECUNDATUS	ST. AUGUSTINE SOD	SEE SPECS			LOW - MEDIUM
* = FLORIDA NATIVE							

PSLUSD #5444

Conceptual Landscape Plan

Not For Construction

Conceptual
Design
Group, Inc.

Landscape Architecture - Site Planning

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Project King
Tom Mackie Boulevard, Tradition
City of Port St. Lucie, Florida

Jeffrey W. Smith, RLA
Florida Registration Number:
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