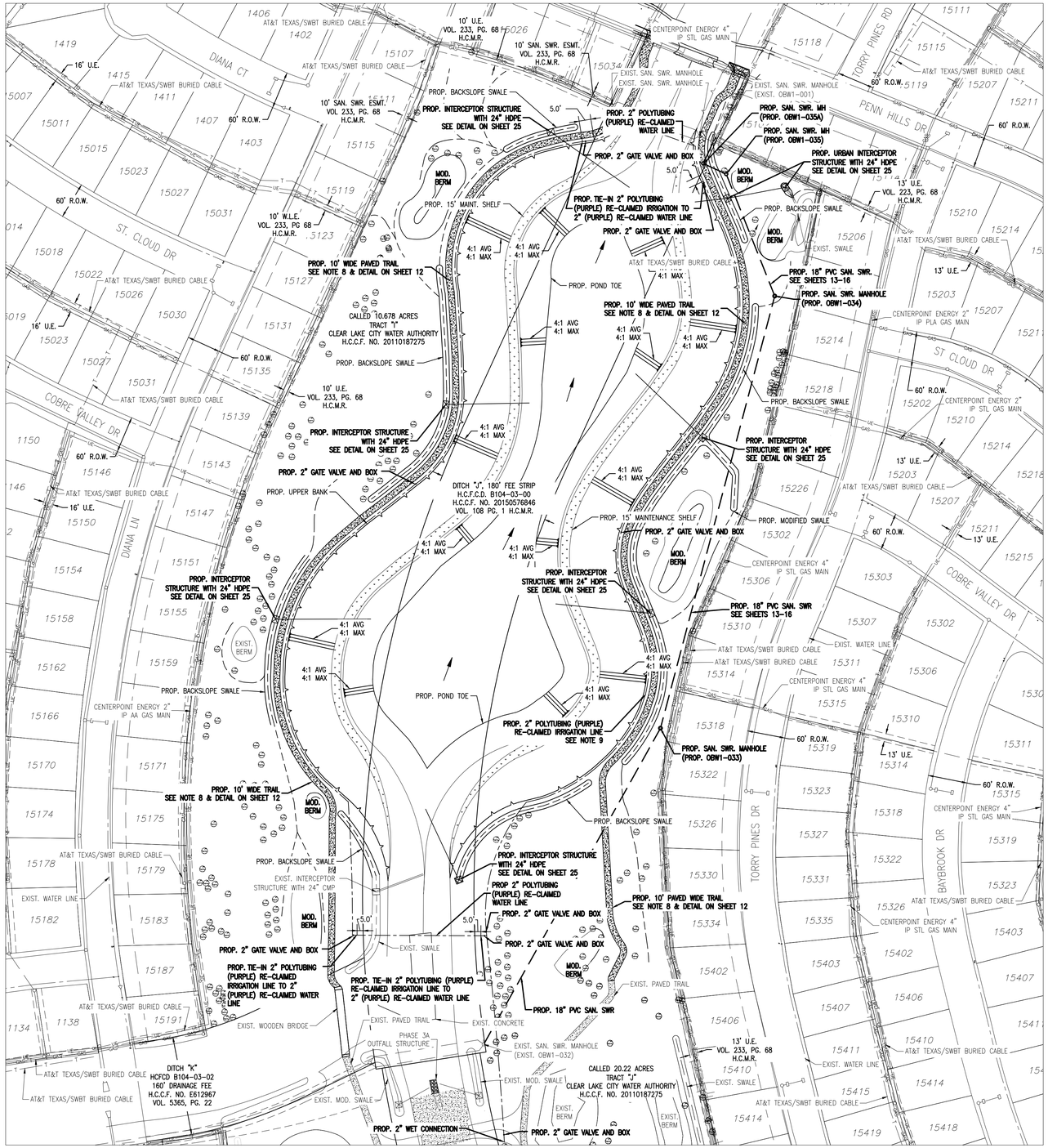


PROPOSED OVERALL LAYOUT

NOTES:

1. PROPOSED CHANNEL IMPROVEMENTS TO BE MAINTAINED BY CLEAR LAKE CITY WATER AUTHORITY.
2. TREES SHOWN TO REMAIN NEAR THE UPPER BANK OR TREES IN AREAS TO BE GRADED MAY REQUIRE PROTECTION, SEE SHEET 27. ADDITIONAL TREES NEAR THE UPPER BANK MAY NEED TO BE PRESERVED OR DEMOLISHED. FOLLOWING THE CONTRACTOR'S STAKING OF THE UPPER BANK, A SITE VISIT WILL BE CONDUCTED WITH THE OWNER TO DETERMINE WHICH TREES ARE TO BE DEMOLISHED OR PRESERVED. MODIFICATIONS TO THE UPPER BANK MAY BE REQUIRED TO ACCOMMODATE PRESERVED TREES. ADDITIONALLY, CONTRACTOR SHALL REMOVE ALL TALLOW TREES AND CREPE MYRTLES, INCLUDING ROOTS LOCATED WITHIN THE PROJECT SITE AND THOSE OUTSIDE OF THE UPPER BANK. NO STUMP GRINDING WILL BE ALLOWED.
3. ALL AREAS STRIPPED OF TOP SOIL SHALL BE PREPARED FOR SEED WITH A MIX OF TOPSOIL AND COMPOST AS DESCRIBED IN SECTION 02323 – DETENTION POND EXCAVATION. TOPSOIL AND COMPOST SHALL BE PLACED TO ENSURE NATURAL GROUND RETURNS TO EXISTING ELEVATIONS OR THE ELEVATIONS PROPOSED ON SHEETS 10 AND 11. FINISHED GRADE SHALL NOT BE HIGHER THAN EXISTING ELEVATIONS, EXCEPT WHERE NOTED, AND CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE TO THE PROPOSED CHANNEL IMPROVEMENTS.
4. CONTRACTOR SHALL CONSTRUCT PAVED TRAIL IN A MANNER NOT TO BLOCK NATURAL DRAINAGE TO THE BACKSLOPE SWALE.
5. UPPER BANK OF CHANNEL IMPROVEMENTS SHALL NOT ENCROACH WITHIN 50 FEET OF PROPERTY LINES, WHERE FEASIBLE.
6. CENTERPOINT GAS AND ELECTRIC UNDERGROUND LINES ARE DRAWN IN APPROXIMATE LOCATIONS BASED ON MAPS PROVIDED BY CENTERPOINT.
7. CONTRACTOR SHALL COORDINATE RELOCATION OF NECESSARY PUBLIC AND PRIVATE UTILITIES WITH CORRESPONDING ENTITY.
8. CONTRACTOR SHALL CONSTRUCT SIDEWALK TO ADA STANDARDS. SIDEWALK SHALL NOT EXCEED A 2% CROSS SLOPE, OR A 5% RUNNING SLOPE.
9. A HOSE BIB ASSEMBLY, LOCKABLE VALVE AND BOX SHALL BE INSTALLED EVERY 100 LINEAR FEET ALONG THE IRRIGATION LINE, PERPENDICULAR TO THE LOCATION OF THE HOSE BIB ASSEMBLES, A 4-INCH PVC IRRIGATION SLEEVE SHALL BE INSTALLED UNDER THE PROPOSED TRAIL FOR FUTURE IRRIGATION CONNECTIONS.

LEGEND:

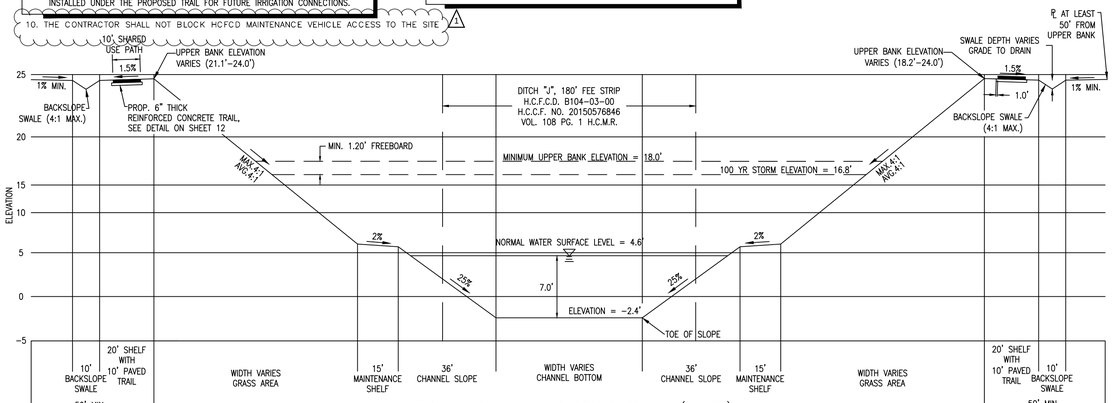
- EXISTING STORM SEWER LINE
- PROPOSED SANITARY SEWER
- PROPOSED RE-CLAIMED IRRIGATION
- BACKSLOPE SWALE FLOWLINE
- EXISTING MANHOLE
- EXISTING STORM SEWER INLET
- 9.31 ADDRESS
- T AT&T BURIED CABLE
- GAS CENTERPOINT GAS LINE
- UE CENTERPOINT ELECTRIC LINE
- CENTERPOINT ELECTRIC BOX
- EXISTING TREE TO BE PRESERVED
- PROPOSED CONCRETE TRAIL
- PROPOSED MAINTENANCE SHELF
- SLOPE
- DIRECTION OF FLOW
- BACKSLOPE SWALE INTERCEPTOR

100 200 300

SCALE: 1" = 100'

No.	Date	Revisions	App.
1	12/30/2020	REVISIONS PER HARRIS COUNTY REVIEW COMMENTS	

10. THE CONTRACTOR SHALL NOT BLOCK HCFCD MAINTENANCE VEHICLE ACCESS TO THE SITE



TYPICAL PROPOSED CROSS SECTION (N.T.S.)

PAVING QUANTITIES PER COH STRUCTURAL PLAN REVIEW	
CONCRETE PAVING IN R.O.W.	THERE IS APPROX. 504 SF OF PROPOSED DRIVEWAY WITHIN THE R.O.W.
CURBING/CURB IN R.O.W. (SF)	THERE IS APPROX. 35 SF OF CURB WITHIN THE R.O.W., INCIDENTAL TO THE PROPOSED CONCRETE ACCESS DRIVES.
SIDEWALK IN R.O.W. (SF)	THERE IS NO PROPOSED SIDEWALK WITHIN THE R.O.W. THERE IS 198 SF OF EXISTING CONCRETE SIDEWALK WITHIN THE R.O.W. THAT WILL BE REMOVED AND REPLACED.
CONCRETE PAVING AND WALKWAY ON SITE (SF)	WITHIN THE SITE IS PROPOSED 18,926 SF OF 6-INCH THICK CONCRETE PAVED TRAIL, INCLUDING PROPOSED ACCESS DRIVES.

STATE OF TEXAS
ADAM R. ANDERSON
130348
LICENSED PROFESSIONAL ENGINEER

10-30-2020

Lockwood, Andrews & Newnam, Inc.
Texas Registered Engineering Firm
F-2614

Lockwood, Andrews & Newnam, Inc.
A LEO A DALY COMPANY
PLANNING
ENGINEERING
PROGRAM MANAGEMENT

2925 Briarpark Drive
Houston, Texas 77042-3720
Tel 713-266-6900 Fax
713-266-7596

TO ARRANGE FOR LINES TO BE TURNED OFF OR MOVED, CALL CENTERPOINT AT 713-207-2222.

NOTICE:
For your safety, you are required by Texas Law to call 811 at least 48 hours before you dig so that underground lines can be marked. This signature does not fulfill your obligation to call 811.

VERIFICATION OF PRIVATE UTILITY LINES

Date: 11/13/2020

CenterPoint Energy natural gas utilities shown. (Gas service lines are not shown). This signature not to be used for conflict verification.

Signature Valid for six months.

Date: 11/13/2020

CenterPoint Energy/UNDERGROUND Electrical Facilities Verification ONLY. (This signature verifies existing underground facilities – not to be used for conflict verification.)
Signature Valid for six months.

Date: 11/02/20

Approved for AT&T Texas/SWBT underground conduit facilities only.
Signature valid for one year

CLEAR LAKE CITY WATER AUTHORITY

EXPLORATION GREEN DETENTION FACILITY PHASE 3B

PROPOSED OVERALL LAYOUT

HOUSTON, TX

FILE NO:

DRAWING SCALE

HORZ: 1" = 100'
VERT:

SHEET No: 9 OF 27

PATH: P:\120\120-12097-000\4-0-production-working\4-1-bim-cad\civil development
FILE NAME: PROPOSED OVERALL LAYOUT.DWG
PROJECT NO. 120-12097-000