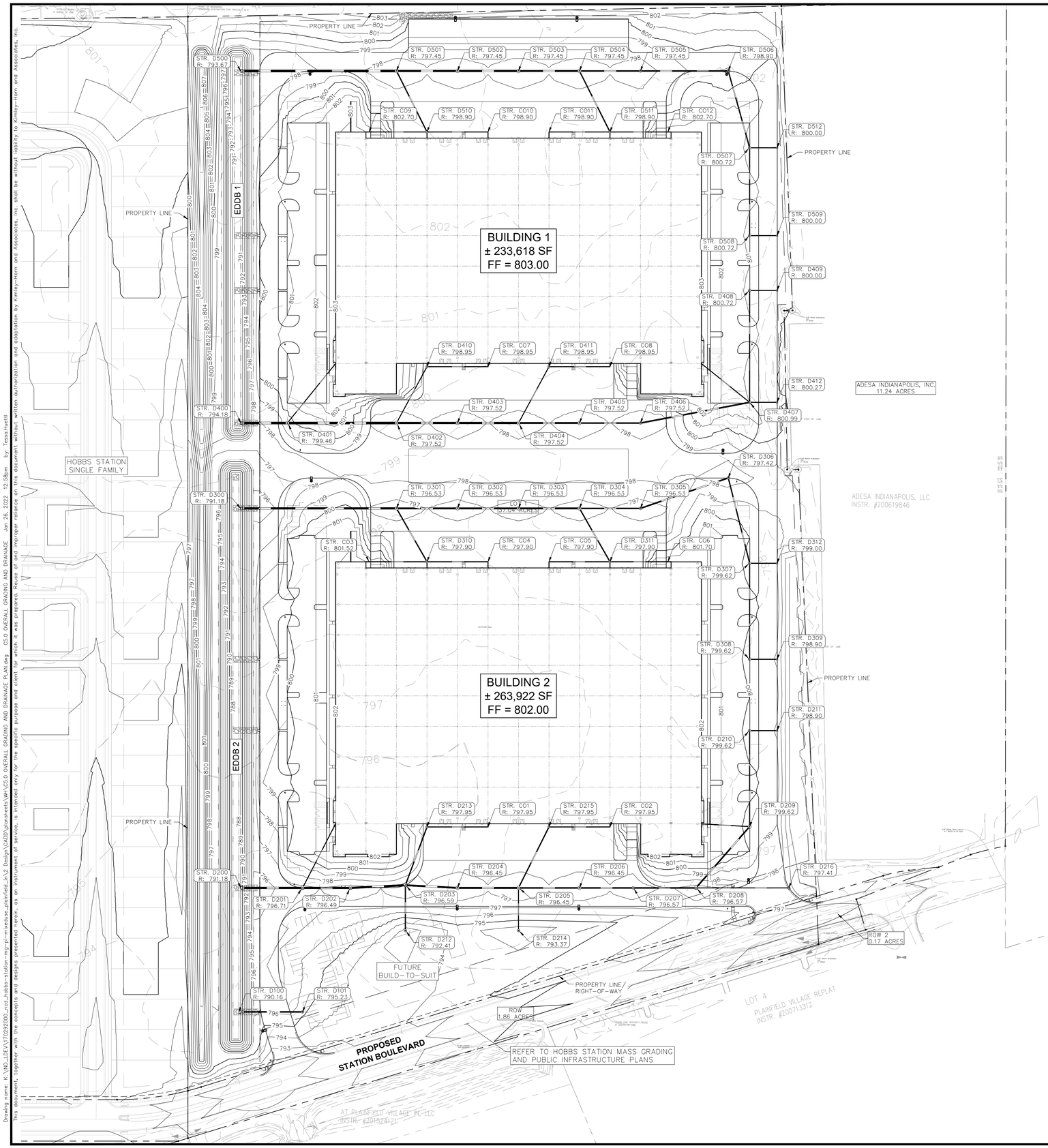

Indiana Utilities Protection Service
Call 811 before you dig

NORTH

GRAPHIC SCALE IN FEET
0 40' 80' 160'

EXISTING LEGEND

- STORM INLET
- CURB INLET
- SANITARY SEWER MANHOLE (SSMH)
- STORM DRAIN MANHOLE (SDMH)
- TELEPHONE MANHOLE (TMH)
- RIGHT OF WAY MONUMENT
- WATER VALVE
- POWER POLE
- POWER METER
- TELEPHONE BOX/PEDESTAL
- ELECTRICAL MANHOLE
- PS PARKING SPACE
- H/C PARKING SPACE
- TRAFFIC SIGNAL POLE
- LIGHT POLE
- TREE
- MAILBOX
- MONITOR WELL

- FIB — UNDERGROUND FIBER OPTIC
- CBL — UNDERGROUND CABLE
- [E] — UNDERGROUND ELECTRIC
- DITCH FLOWLINE
- SD — STORM DRAIN
- SS — SEWER LINE
- GAS — GAS LINE
- W — WATER LINE

GRADING LEGEND

- XXX.XX — FINISHED GRADE SPOT ELEVATION
- TC XXX.XX / BC XXX.XX — TOP OF CURB / BOTTOM OF CURB SPOT ELEVATION
- FL XXX.XX — FLOW LINE SPOT ELEVATION
- ME XXX.XX — MATCH EXISTING SPOT ELEVATION
- FF XXX.XX — FINISHED FLOOR SPOT ELEVATION
- FG XXX.XX — FINISHED GRADE NEAR BUILDING SPOT ELEVATION
- TW XXX.XX — TOP OF WALL SPOT ELEVATION
- BW XXX.XX — BOTTOM OF WALL SPOT ELEVATION
- R XXX.XX — RIM ELEVATION
- STR XX / R XXX.XX — STRUCTURE ID & RIM ELEVATION
- STR XX / INV XXX.XX — STRUCTURE ID & INVERT ELEVATION
- 620 — PROPOSED CONTOUR
- RIDGE — RIDGE LINE
- X.XX% — SLOPE AND FLOW DIRECTION
- 100-YEAR OVERLAND OVERFLOW ROUTE
- DETENTION BASIN 100-YEAR EMERGENCY
- PROPOSED SWALE
- PROPOSED STORM SEWER
- PROPOSED STORM STRUCTURES
- PROPOSED SANITARY MANHOLE
- PROPOSED STORM/SANITARY CLEANOUT
- PROPOSED WATER STRUCTURES
- PROPOSED LIGHT POLES
- PROPOSED TRANSFORMER PAD

GRADING NOTES

1. CONTRACTOR TO VERIFY ALL EXISTING TOPOGRAPHY AND STRUCTURES ON THE SITE AND IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO STARTING WORK.
2. ALL PAVEMENT SPOT GRADE ELEVATIONS AND RIM ELEVATIONS WITHIN OR ALONG CURB AND GUTTER REFER TO EDGE OF PAVEMENT ELEVATIONS UNLESS OTHERWISE NOTED.
3. ALL ELEVATIONS SHOWN DEPICT FINISHED GRADE OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED. GENERAL CONTRACTOR TO COORDINATE WITH EXCAVATION, LANDSCAPE AND PAVING SUBCONTRACTORS REGARDING TOPSOIL THICKNESS FOR LANDSCAPE AREAS AND PAVEMENT SECTION THICKNESS FOR PAVED AREAS TO PROPERLY ENSURE ADEQUATE CUT TO ESTABLISH SUBGRADE ELEVATIONS.
4. NO EARTHEN SLOPE SHALL BE GREATER THAN 3:1, UNLESS OTHERWISE NOTED.
5. MAXIMUM SLOPE IN ACCESSIBLE PARKING SPACES AND LOADING ZONES SHALL NOT EXCEED 2.0% IN ALL DIRECTIONS.
6. MAXIMUM RUNNING SLOPE SHALL NOT EXCEED 5% AND CROSS SLOPE SHALL NOT EXCEED 2% ON ALL SIDEWALKS AND ACCESSIBLE ROUTES UNLESS OTHERWISE NOTED.
7. WHEN NATURAL FLOW OF DRAINAGE IS AWAY FROM CURB, CONTRACTOR TO INSTALL REVERSE GUTTER PITCH.
8. MATCH EXISTING ELEVATIONS AT THE PROPERTY LIMITS.
9. ALL STOOPS OR PEDESTRIAN EGRESS POINTS FROM THE BUILDING(S) SHALL BE NO GREATER THAN 2% FOR THE FIRST 5'.

BENCHMARKS

VERTICAL CONTROL

DNR TBM CLARK 6, 1995
IN HENDRICKS COUNTY, BRIDGEPORT QUAD., IN THE NW 1/4 OF SECTION 36, T. 15 N., R. 1 E., 2ND P.M.; AT PLAINFIELD; AT THE STAFFORD ROAD BRIDGE OVER CLARKS CREEK; SET IN THE TOP OF THE NORTHEAST CORNER OF THE CONCRETE BRIDGE DECK/SIDEWALK, 13.5 FEET NORTH OF THE CENTERLINE OF THE WEST BOUND LANE, 6.0 FEET NORTH OF THE SOUTH EDGE OF THE CONCRETE SIDEWALK, 3.0 FEET ABOVE THE GROUND, 0.7 FOOT EAST OF THE NORTHEAST CORNER OF AN ALUMINUM BASE PLATE OF A ALUMINUM GUARDRAIL POST ANCHORED IN THE CONCRETE BRIDGE DECK/SIDEWALK, 0.8 FOOT ABOVE THE LEVEL OF THE ROAD; A CHISELED SQUARE.
ELEV. =740.544 FEET NAVD 1988

TBM #1: BENCHTIE IN EAST FACE OF UTILITY POLE EAST SIDE OF COUNTY ROAD 900 EAST NEAR THE NORTHWEST CORNER OF SITE. ELEV. = 798.24' (NAVD 88)

TBM#2: BENCHTIE IN EAST FACE OF UTILITY POLE WEST SIDE OF COUNTY ROAD 900 EAST NEAR THE SOUTHWEST CORNER OF SITE. ELEV. = 792.28' (NAVD 88)

TBM#3: CUT SQUARE ON TOP OF 15" RCP NEAR RETENTION POND ALONG SOUTH PROPERTY LINE. ELEV. = 788.85' (NAVD 88)

No.	REVISIONS	DATE	BY

Kimley»Horn
© 2022 KIMLEY-HORN AND ASSOCIATES, INC.
250 EAST 96TH STREET, SUITE 580,
INDIANAPOLIS, IN 46240
PHONE: 317-218-9560
WWW.KIMLEY-HORN.COM

SCALE: AS NOTED
DESIGNED BY: NPK
DRAWN BY: TNH
CHECKED BY: BAS

BRYAN ALLEN SHUMARD
REGISTERED
PE
INDIANA
PROFESSIONAL ENGINEER
NOT APPROVED FOR CONSTRUCTION

New City Development
FORMATION PROPERTIES

OVERALL GRADING AND DRAINAGE

TERMINUS AT HOBBS STATION

PLAINFIELD, IN 46168

ORIGINAL ISSUE: 01/27/2022
KHA PROJECT NO. 170248001
SHEET NUMBER
C5.0

Drawing name: K:\IND_LDEV\170249000_nrd_hobbs-station-mg-pl-mixed-use_plainfield_in\2 Design\CADD\plansheets\WK\C5.0 OVERALL GRADING AND DRAINAGE PLAN.dwg C5.0 OVERALL GRADING AND DRAINAGE Jan 26, 2022 12:59pm by: Teresa.Huelsli
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