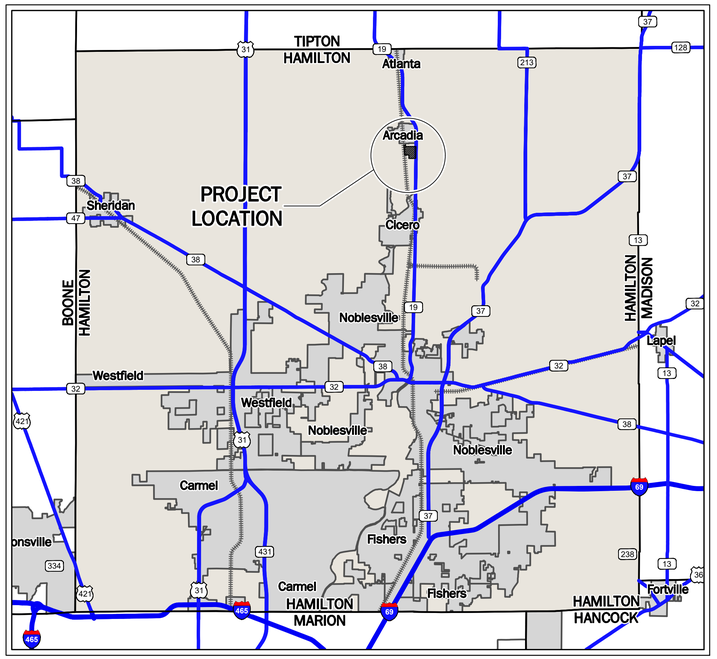
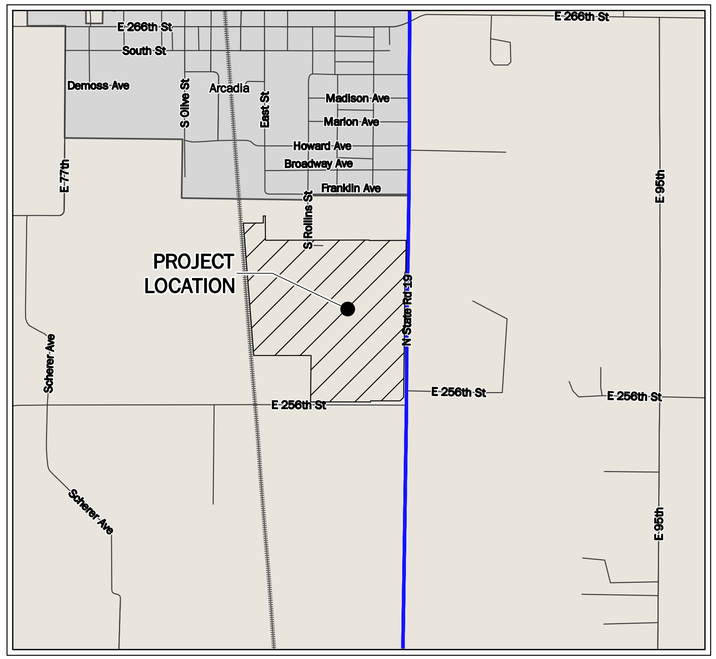
CONSTRUCTION PLANS
FOR
HAMILTON HEIGHTS HIGH SCHOOL
PHASE 2 - SITE IMPROVEMENTS
25802 STATE ROAD 19, ARCADIA, INDIANA



LOCATION MAP

NOT TO SCALE



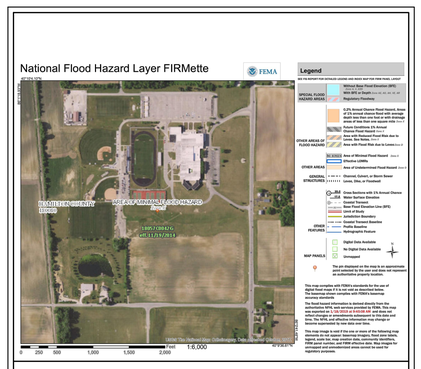
VICINITY MAP

NOT TO SCALE

Br	Brookston silty clay loam, 0 to 2 percent slopes
CrA	Crosby silt loam, 0 to 2 percent slopes

SOILS MAP

NOT TO SCALE



FEMA MAP

NOT TO SCALE

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UTILITY CONTACTS

UTILITY	COMPANY	CONTACT	PHONE NO.
CABLE TELEVISION	COMCAST	–	317–776–0660
ELECTRIC	DUKE ENERGY	TIM UMBAUGH	765–349–4012
GAS	VECTREN	BRIAN HARGER	317–592–4500
SANITARY SEWER	ARCADIA UTILITIES	JOHN PHIFER	317–984–3512
STORM SEWER	HAMILTON CO. SURVEYOR	ANDY CONOVER	317–776–8495
TELEPHONE	FRONTIER	STEVE COSTFLOW	317–984–9010
WATER	ARCADIA UTILITIES	JOHN PHIFER	317–984–3512

GENERAL NOTES:

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2. CONTRACTOR TO VERIFY LOCATION, SIZE AND DEPTH OF EXISTING UTILITIES PRIOR TO COMMENCING ANY CONSTRUCTION. CONTACT ENGINEER IF VARIATION EXISTS.
3. SEE SHEET C002 GENERAL NOTES FOR MORE INFORMATION.

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CALL TOLL FREE
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Arcadia, Indiana 46030

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HAMILTON HEIGHTS HIGH SCHOOL

PHASE II - SITE IMPROVEMENTS

25802 STATE ROAD 19, ARCADIA, INDIANA

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CERTIFIED BY

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2	ADDENDUM 3	03/27/20

Project Number 2017.01031

TITLE SHEET

C001

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PLOT SCALE: 1:2.5849
EDIT DATE: 3/27/2020
EDITED BY: JOLASIUK
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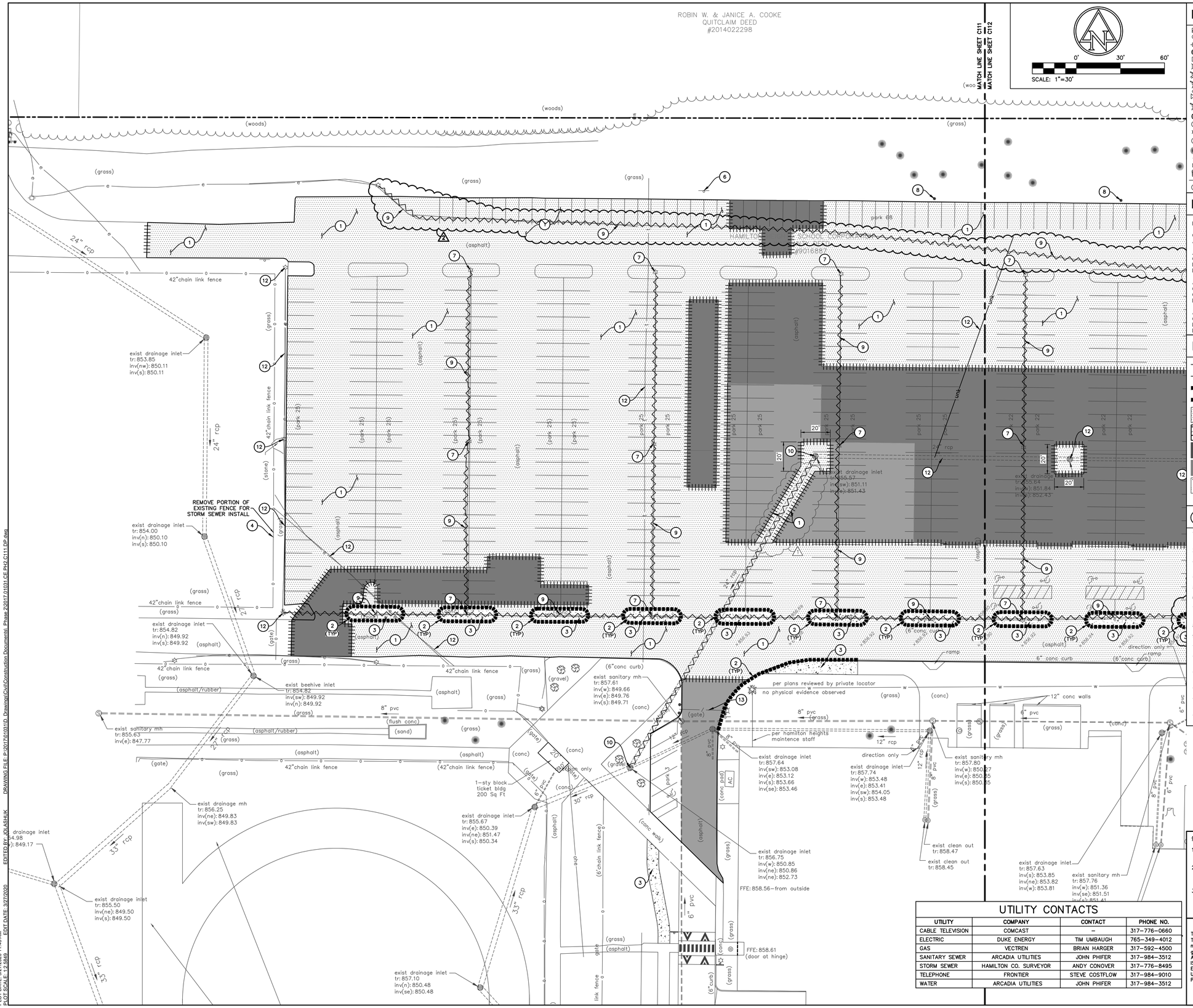

EXISTING LEGEND

- AIR CONDITIONER
- CLEAN OUT
- COMBINATION POLE
- ELECTRIC HANDHOLE
- ELECTRIC METER BOX
- ELECTRIC CROSS BOX
- FIRE HYDRANT
- FIRE PLUG
- GAS VALVE
- HOSE BIB
- INLET
- LID
- LIGHT POLE
- MANHOLE
- PINE
- POST
- POWER POLE
- SATELLITE
- SIGN
- SANITARY MANHOLE
- STAND PIPE
- TELEPHONE HANDHOLE
- TELEPHONE MARKER SIGN
- TELEPHONE PEDESTAL
- TRANSFORMER
- TREE
- TV PEDESTAL
- VENT
- WATER VALVE
- e BURIED ELECTRIC LINE
- ohe OVERHEAD ELECTRIC LINE
- fo BURIED FIBER OPTIC LINE
- g BURIED GAS LINE
- t BURIED TELEPHONE LINE
- ctv BURIED TELEVISION LINE
- tr BURIED FIBER OPTIC LINE
- inv BURIED GAS LINE
- rcp REINFORCED CONCRETE PIPE
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- pvc PLASTIC PIPE

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BENCHMARK DATA

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ELEV = 855.26

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ELEV = 857.96

DEMOLITION LEGEND

- EXISTING UTILITY TO BE REMOVED
- PAVEMENT TO BE SAWCUT
- EXISTING CURB TO BE REMOVED
- EXISTING FENCE TO BE REMOVED
- EXISTING FULL DEPTH ASPHALT TO BE REMOVED
- EXISTING STONE TO BE REMOVED
- WEDGE AND LEVEL
- MILL AND RESURFACE
- EXISTING CONCRETE TO BE REMOVED

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CERTIFIED BY

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Project Number 2017.01031

DEMOLITION PLAN

C111

PLOT DATE: 3/27/2020 11:43 AM
PLOT SCALE: 1:2.5849
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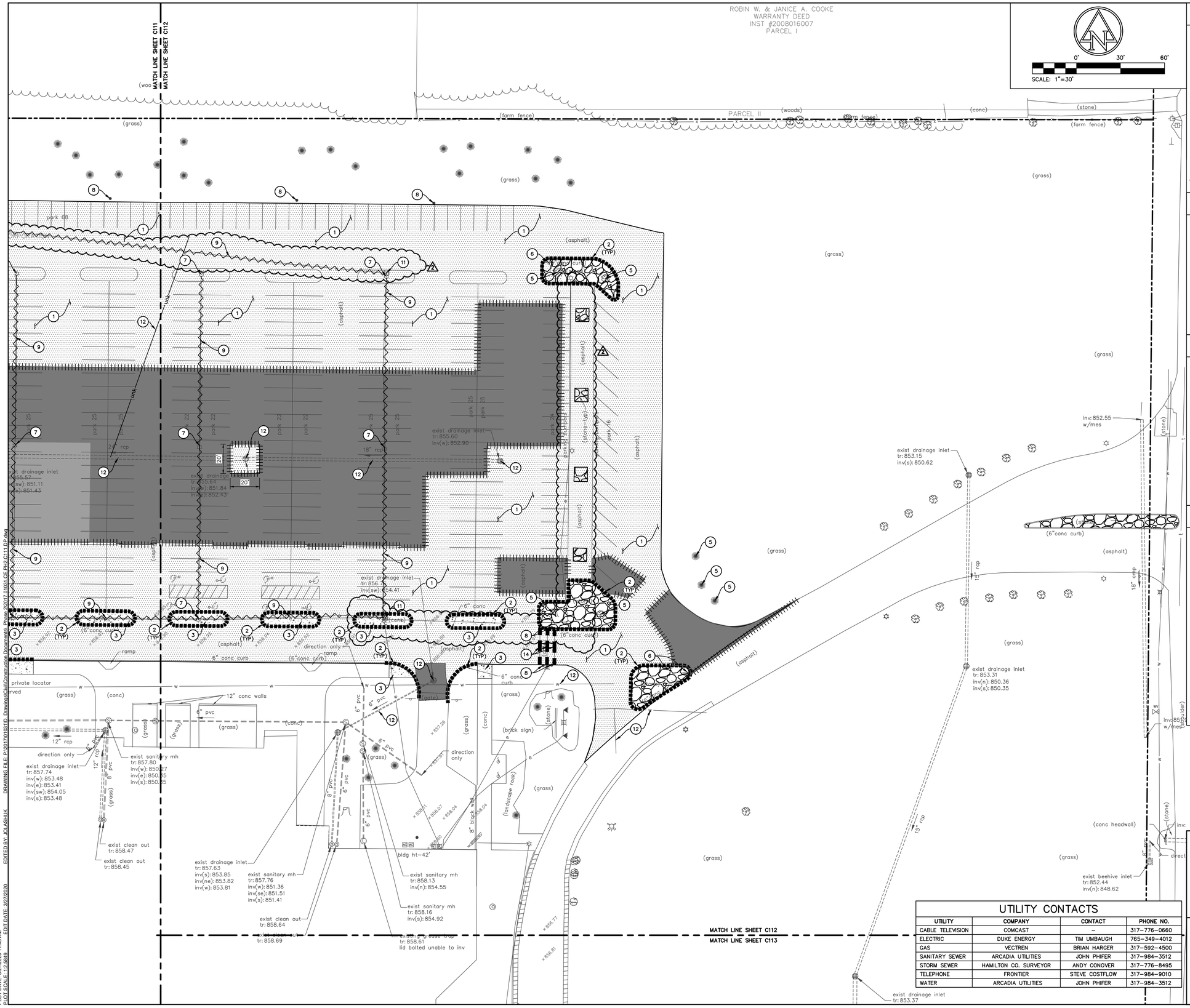

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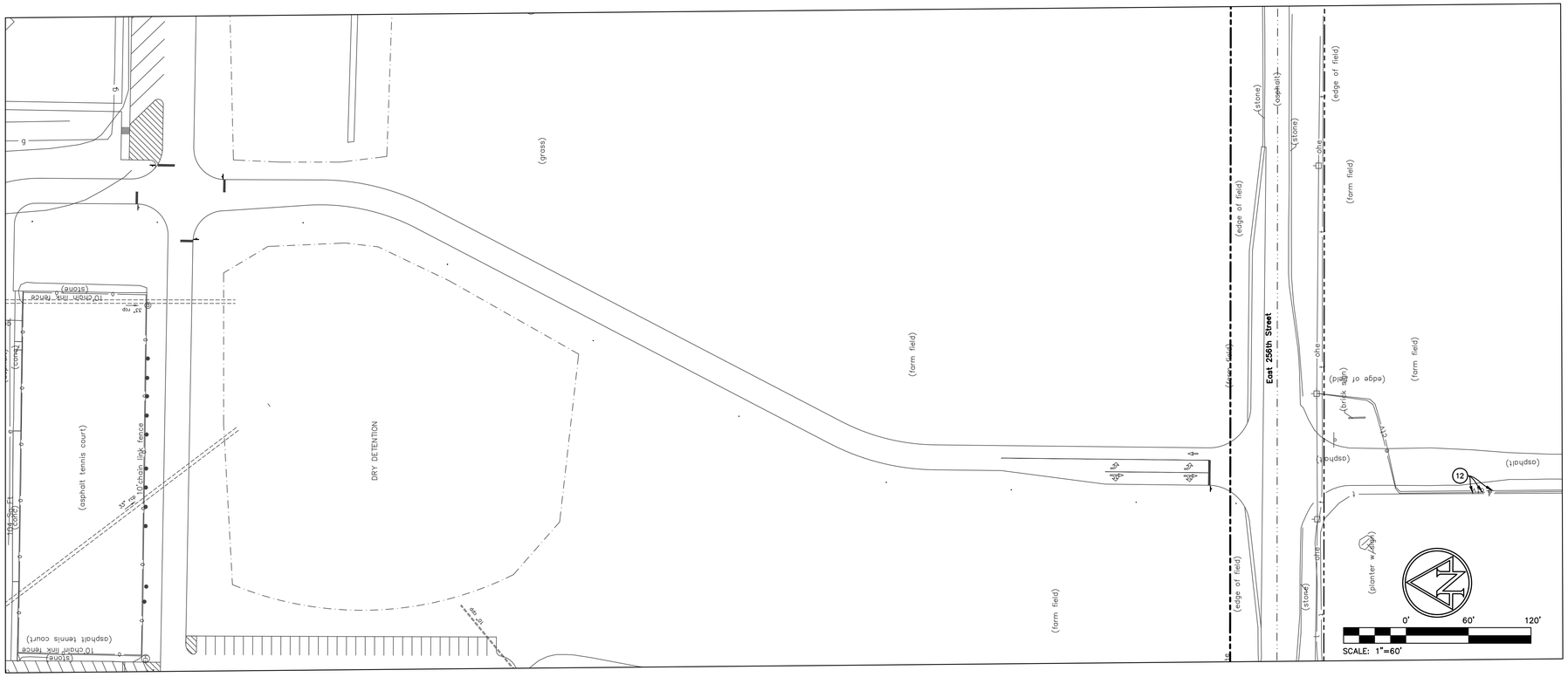

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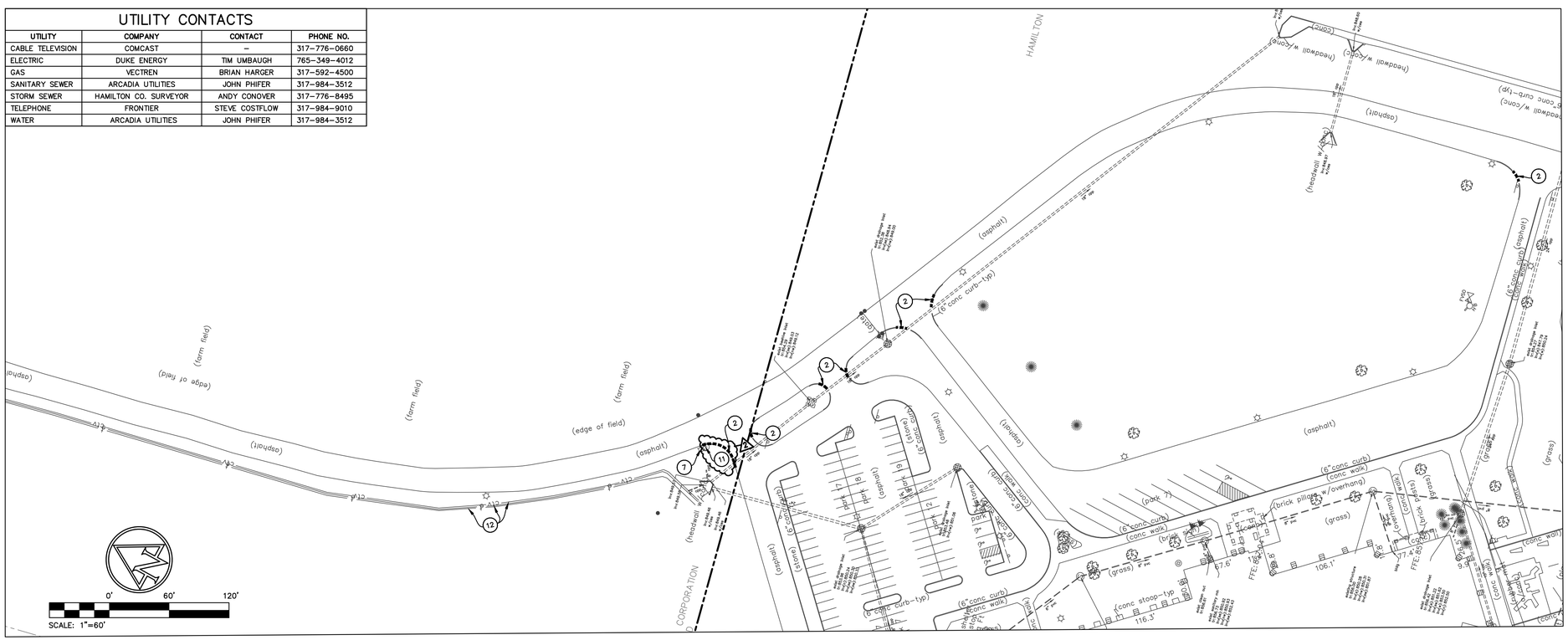

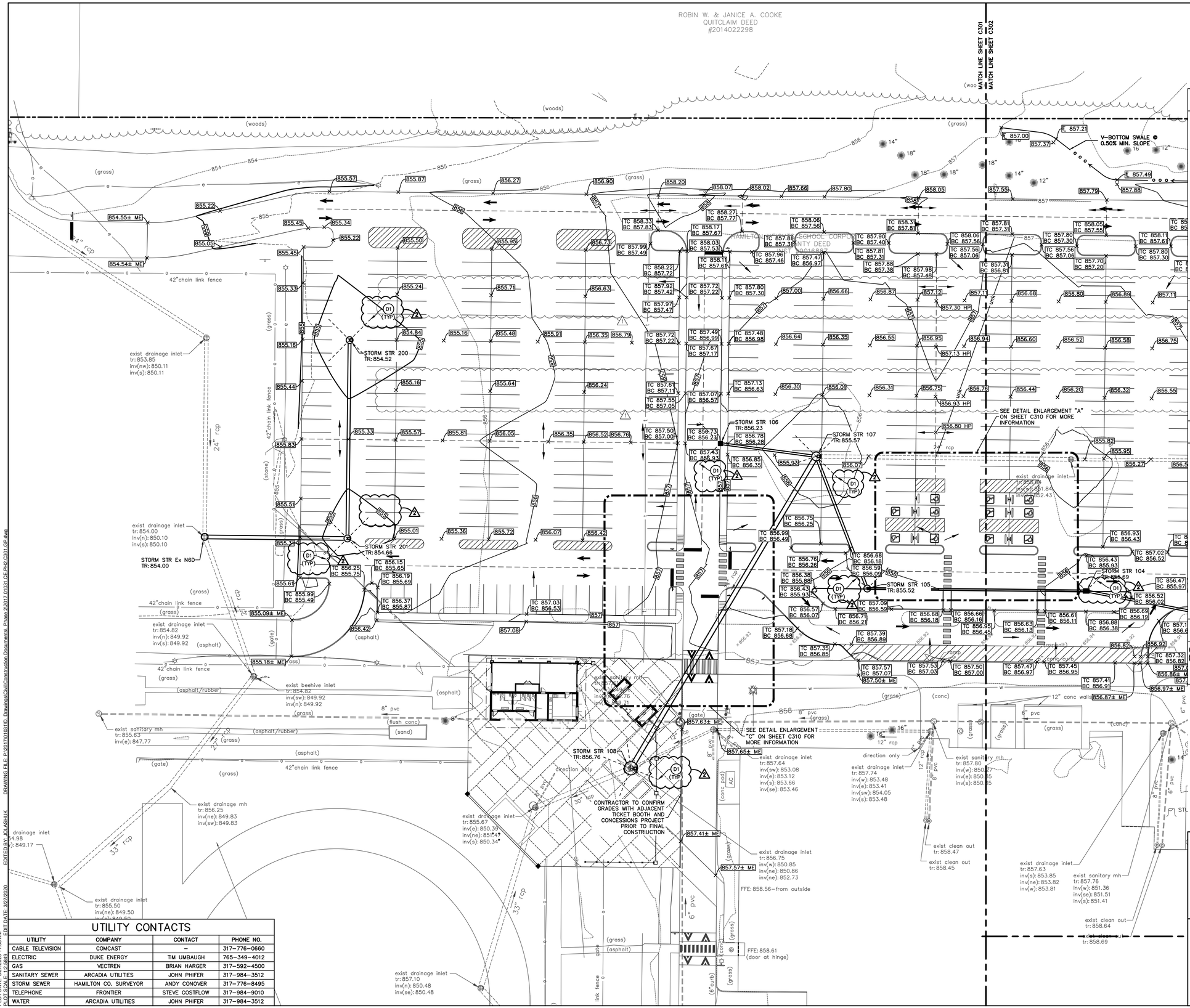

SCALE: 1"=30'

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GRADING LEGEND

- ME MATCH EXISTING
- FL FLOWLINE
- BC BOTTOM OF CURB
- TC TOP OF CURB
- HP HIGH POINT
- LP LOW POINT
- 000 CONTOURS
- SWALE
- TC 000.50 BC 000.00 CURB ELEVATIONS
- 000.00 SPOT ELEVATIONS
- FLOW ARROW
- STORM SEWER LINE
- PAVEMENT UNDERDRAIN
- STRUCTURES
- RIDGE LINE

KEYNOTES

DRAINAGE/STORM SEWER
D1. PAVEMENT UNDER DRAIN

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9025 River Road, Suite 200 | Indianapolis, Indiana 46240
TEL 317.547.5580 | FAX 317.543.0270
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ARGO CONSULTING ENGINEERS, INC.
618 N. DAVIDSON STREET
INDIANAPOLIS, IN. 46202
PHONE: (317) 639–9244
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EMAIL: argo@argoce.com

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HAMILTON HEIGHTS HIGH SCHOOL

PHASE II - SITE IMPROVEMENTS

25802 STATE ROAD 19, ARCADIA, INDIANA

JUSTIN ERIC OLASHUK REGISTERED No. PE11800804 STATE OF INDIANA PROFESSIONAL ENGINEER

CERTIFIED BY

ISSUANCE INDEX
DATE: 03/03/2020
PROJECT PHASE: CONSTRUCTION DOCUMENTS

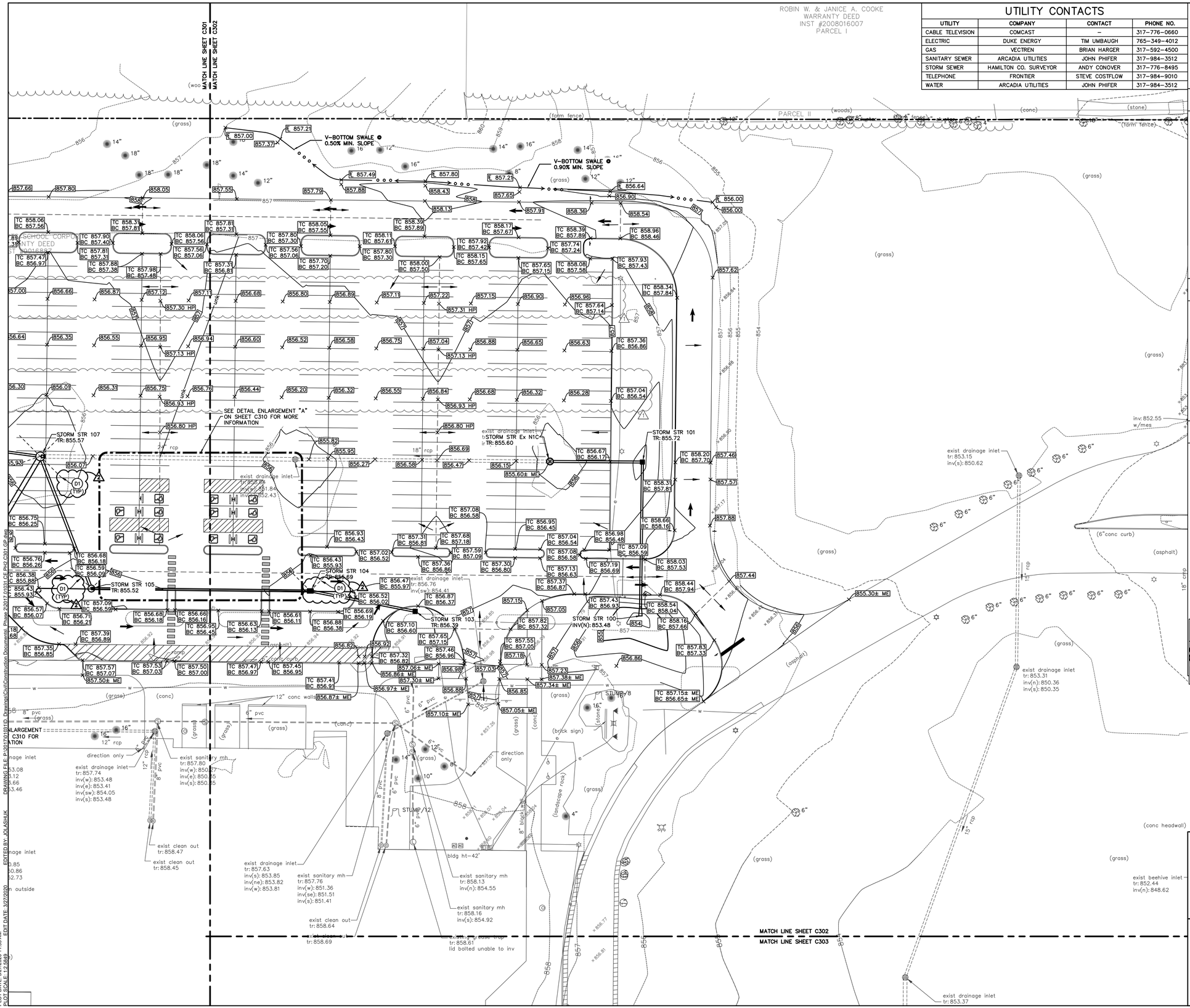
REVISION SCHEDULE		
NO.	DESCRIPTION	DATE
1	ADDENDUM 1	03/20/20
2	ADDENDUM 3	03/27/20

Project Number 2017.01031

GRADING PLAN

C301

PLOT DATE: 3/27/2020 11:55 AM
PLOT SCALE: 1:2.5849
EDIT DATE: 3/27/2020
EDITED BY: JOLASHUK
DRAWING FILE: P:\2017\01031\D Drawings\Civil\Construction Documents\ Phase 2\2017.01031 C-E Ph2 C301 GP.dwg



UTILITY CONTACTS

UTILITY	COMPANY	CONTACT	PHONE NO.
CABLE TELEVISION	COMCAST	–	317-776-0660
ELECTRIC	DUKE ENERGY	TIM UMBAUGH	765-349-4012
GAS	VECTREN	BRIAN HARGER	317-592-4500
SANITARY SEWER	ARCADIA UTILITIES	JOHN PHIFER	317-984-3512
STORM SEWER	HAMILTON CO. SURVEYOR	ANDY CONOVER	317-776-8495
TELEPHONE	FRONTIER	STEVE COSTFLOW	317-984-9010
WATER	ARCADIA UTILITIES	JOHN PHIFER	317-984-3512

0' 30' 60'
SCALE: 1"=30'

EXISTING LEGEND

AIR CONDITIONER
CLEAN OUT
COMBINATION POLE
ELECTRIC HANDHOLE
ELECTRIC METER BOX
ELECTRIC CROSS BOX
FIRE HYDRANT
FIRE PLUG
GAS VALVE
HOSE BIB
INLET
LID
LIGHT POLE
MANHOLE
PINE
POST
POWER POLE
SATELLITE
SIGN
SANITARY MANHOLE
STAND PIPE
TELEPHONE HANDHOLE
TELEPHONE MARKER SIGN
TELEPHONE PEDESTAL
TRANSFORMER
TREE
TV PEDESTAL
VENT
WATER VALVE
e BURIED ELECTRIC LINE
ohe OVERHEAD ELECTRIC LINE
fo BURIED FIBER OPTIC LINE
g BURIED GAS LINE
t BURIED TELEPHONE LINE
ctv BURIED TELEVISION LINE
tr BURIED FIBER OPTIC LINE
inv BURIED GAS LINE
rcp REINFORCED CONCRETE PIPE
cpp CORRUGATED PLASTIC PIPE
pvc PLASTIC PIPE

PARKING COUNT
389 REGULAR SPACES
4 HANDICAP SPACES
393 TOTAL SPACES

BENCHMARK DATA

BENCH INFORMATION

OPUS SOLUTION #29933630
ASI BASE #300 REBAR SET ELEV-858.29

ASI TBM #31
CHISELED SQUARE ON EAST SIDE OF CONCRETE LIGHT POLE BASE AT SE CORNER OF MIDDLE SCHOOL PARKING LOT.
ELEV = 855.26

ASI TBM #33
CHISELED "X" ON NORTH BOLT OF FIRE HYDRANT AT NW CORNER OF HIGH SCHOOL.
ELEV = 859.73

ASI TBM #35
CHISELED "X" ON NORTH BOLT OF FIRE HYDRANT AT NORTHWEST CORNER OF FOOTBALL FIELD BLEACHERS.
ELEV = 857.96

GRADING LEGEND

ME	MATCH EXISTING
FL	FLOWLINE
BC	BOTTOM OF CURB
TC	TOP OF CURB
HP	HIGH POINT
LP	LOW POINT
000	CONTOURS
	SWALE
TC 000.50 BC 000.00	CURB ELEVATIONS
000.00	SPOT ELEVATIONS
	FLOW ARROW
	STORM SEWER LINE
	PAVEMENT UNDERDRAIN
	STRUCTURES
	RIDGE LINE

KEYNOTES

DRAINAGE/STORM SEWER
D1. PAVEMENT UNDER DRAIN

GENERAL NOTES:

1. CONTRACTOR SHALL PROTECT AND NOT DESTROY THE PROPERTY CORNER MONUMENTS DURING CONSTRUCTION.
2. CONTRACTOR TO VERIFY LOCATION, SIZE AND DEPTH OF EXISTING UTILITIES PRIOR TO COMMENCING ANY CONSTRUCTION. CONTACT ENGINEER IF VARIATION EXISTS.
3. SEE SHEET C002 GENERAL NOTES FOR MORE INFORMATION.

!! CAUTION !!

THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (including, but not limited to, manholes, inlets, valves, and marks made upon the ground by others) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

CALL TOLL FREE
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HAMILTON HEIGHTS HIGH SCHOOL

PHASE II - SITE IMPROVEMENTS

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REGISTERED
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PROFESSIONAL ENGINEER

CERTIFIED BY

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Project Number 2017.01031

GRADING PLAN

C302

PLOT DATE: 3/27/2020 11:55 AM
PLOT SCALE: 1:2.5949
EDIT DATE: 3/27/2020
EDITED BY: JOLASHUK
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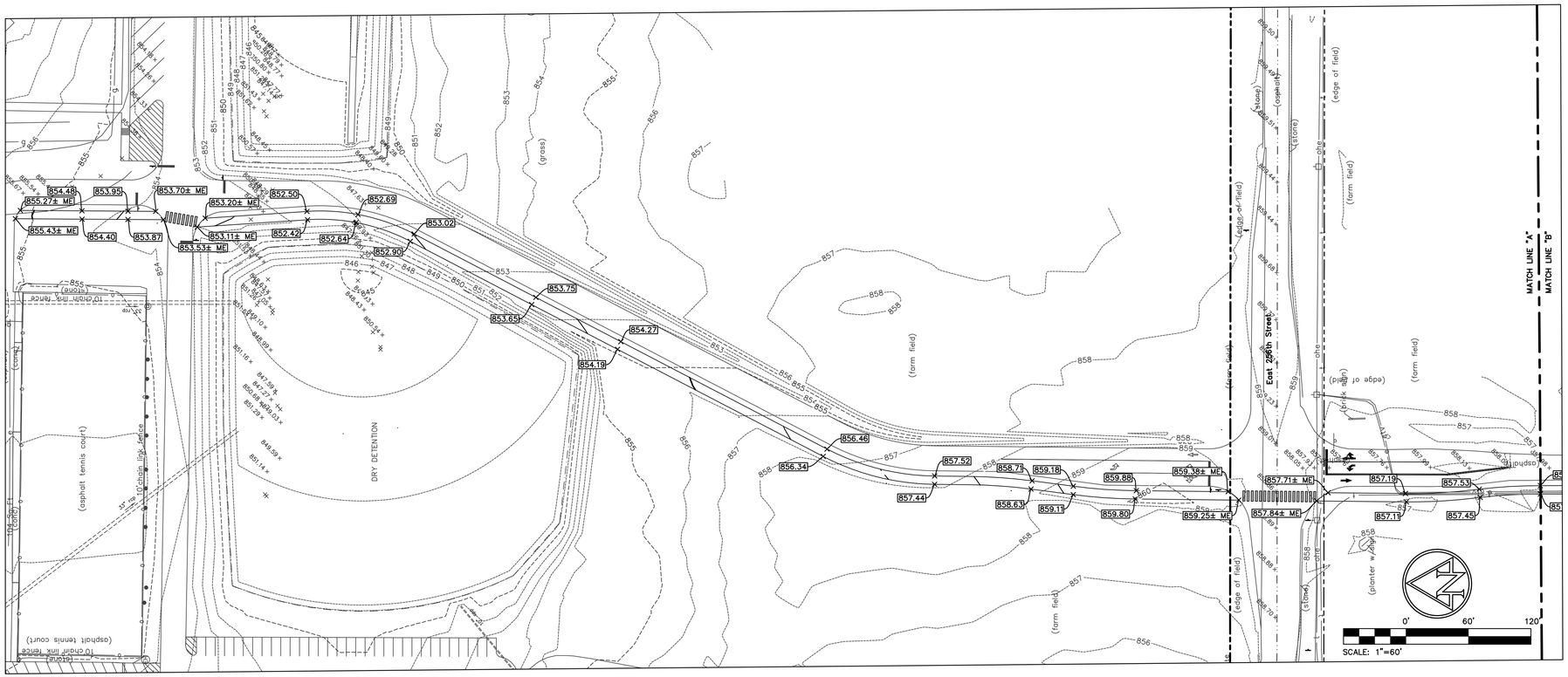

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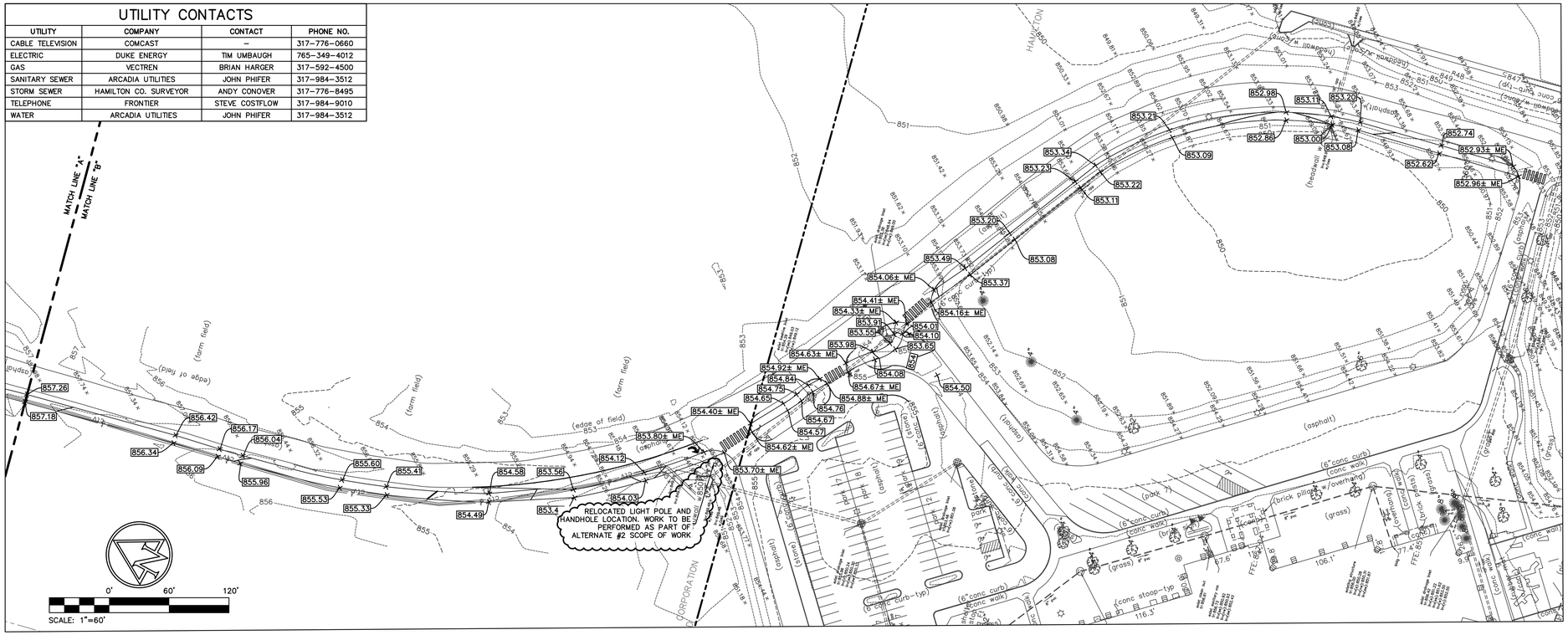

EXISTING LEGEND

- AIR CONDITIONER
- CLEAN OUT
- COMBINATION POLE
- ELECTRIC HANDHOLE
- ELECTRIC METER BOX
- ELECTRIC CROSS BOX
- FIRE HYDRANT
- FIRE PLUG
- GAS VALVE
- HOSE BIB
- INLET
- LID
- LIGHT POLE
- MANHOLE
- PINE
- POST
- POWER POLE
- SATELLITE
- SIGN
- SANITARY MANHOLE
- STAND PIPE
- TELEPHONE HANDHOLE
- TELEPHONE MARKER SIGN
- TELEPHONE PEDESTAL
- TRANSFORMER
- TREE
- TV PEDESTAL
- VENT
- WATER VALVE
- e BURIED ELECTRIC LINE
- ohe OVERHEAD ELECTRIC LINE
- fo BURIED FIBER OPTIC LINE
- g BURIED GAS LINE
- t BURIED TELEPHONE LINE
- ctv BURIED TELEVISION LINE
- tr BURIED FIBER OPTIC LINE
- inv BURIED GAS LINE
- rcp REINFORCED CONCRETE PIPE
- cpp CORRUGATED PLASTIC PIPE
- pvc PLASTIC PIPE

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GRADING LEGEND

- ME MATCH EXISTING
- FL FLOWLINE
- BC BOTTOM OF CURB
- TC TOP OF CURB
- HP HIGH POINT
- LP LOW POINT
- 000 CONTOURS
- SWALE
- TC 000.50 BC 000.00 CURB ELEVATIONS
- 000.00 SPOT ELEVATIONS
- FLOW ARROW
- STORM SEWER LINE
- PAVEMENT UNDERDRAIN
- STRUCTURES
- RIDGE LINE

GENERAL NOTES:

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CERTIFIED BY

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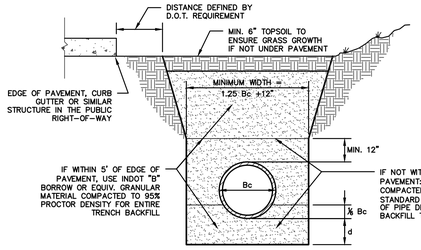
REVISION SCHEDULE		
NO.	DESCRIPTION	DATE
1	ADDENDUM 1	03/20/20
2	ADDENDUM 3	03/27/20

Project Number 2017.01031

GRADING PLAN BID ALTERNATE

C320

PLOT DATE: 3/27/2020 3:40 PM
PLOT SCALE: 1:2.5849
EDIT DATE: 3/27/2020
EDITED BY: JOLASHUK
DRAWING FILE: P:\2017\01031\D Drawings\Civil\Construction Documents\ Phase 2\2017.01031-CE-PH2-C320.DGN



LEGEND
Bc= OUTSIDE DIAMETER
D= INSIDE DIAMETER
d= DEPTH OF BEDDING MATERIAL BELOW PIPE

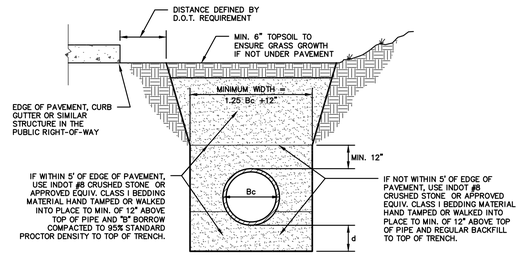
NOTE:
ALL INITIAL BACKFILL SHALL BE INSTALLED IN 6" TO 12" BALANCED LIFTS.

A MINIMUM 9" OF CLEARANCE SHALL BE PROVIDED ON EACH SIDE OF THE INSTALLED PIPE.

DEPTH OF BEDDING MATERIAL BELOW PIPE

D	d (MIN)
27" & SMALLER	3"
30" TO 60"	4"
66" & LARGER	6"

REINFORCED CONCRETE PIPE (RCP) BEDDING DETAIL
NOT TO SCALE (REV. 12/17)



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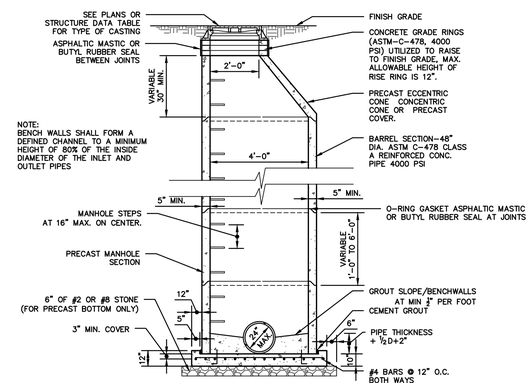
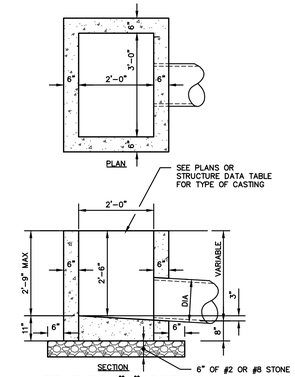
D	d (MIN)
27" & SMALLER	4"
30" TO 60"	4"
66" & LARGER	4"

PLASTIC PIPE (PVC & HDPE) BEDDING DETAIL
NOT TO SCALE (REV. 12/17)

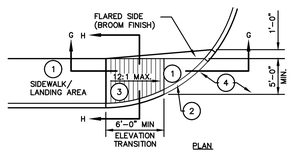


NOTE:
BENCH WALLS SHALL FORM A DEFINED CHANNEL TO A MINIMUM HEIGHT OF 80% OF THE INSIDE DIAMETER OF THE INLET AND OUTLET PIPES

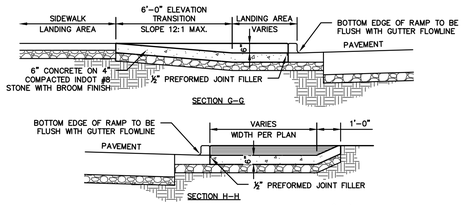
MANHOLE TYPE "C" (STORM SEWER)
NOT TO SCALE (REV. 06/17)



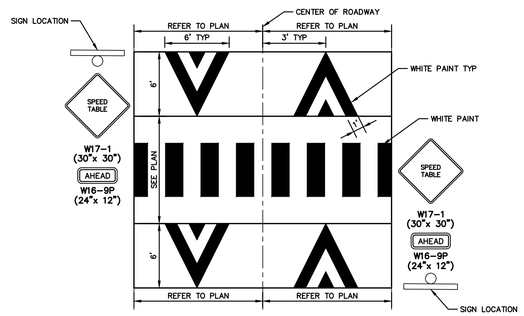
INLET TYPE "J" DETAIL
NOT TO SCALE (REV. 06/18)

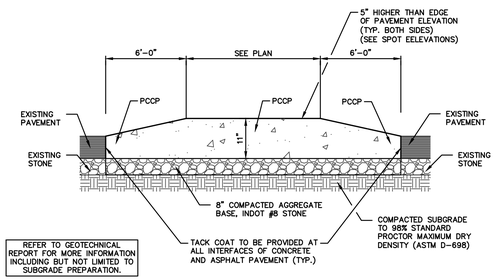


NOTES:
1. LANDING AREAS AT TOP OF BOTTOM OF RAMP SHALL HAVE A MAXIMUM CROSS SLOPE OF 50:1 IN ANY DIRECTION.
2. THE BOTTOM EDGE OF THE CURB RAMP SHALL BE FLUSH WITH THE EDGE OF THE PAVEMENT OR GUTTER LINE.
3. TOOLED GROOVES ON SIDEWALK ELEVATION TRANSITION. GROOVES SHALL BE 0.3" DEEP AND SPACED 2" O.C. ALONG SIDEWALK ELEVATION TRANSITION.
4. APPROACH AREA SHALL BE SLOPED AT 50:1 MAXIMUM TRANSVERSELY



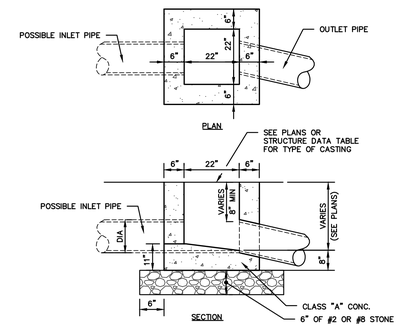
ADA ACCESSIBLE RAMP, TYPE 'H'
NOT TO SCALE (REV. 12/17)



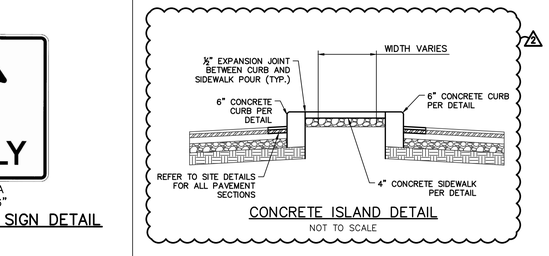


REFER TO GEOTECHNICAL REPORT FOR MORE INFORMATION INCLUDING BUT NOT LIMITED TO SUBGRADE PREPARATION.

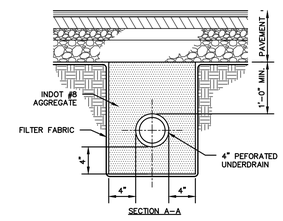
RAISED SPEED TABLE DETAIL
NOT TO SCALE

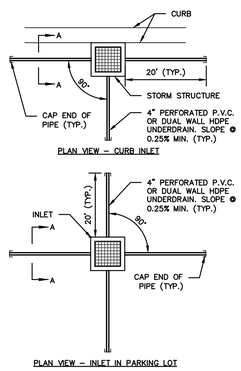


INLET TYPE "A" DETAIL
NOT TO SCALE (REV. 06/18)



CONCRETE ISLAND DETAIL
NOT TO SCALE





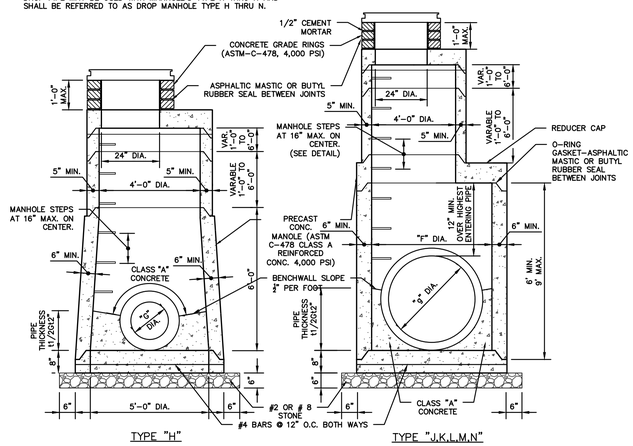
PAVEMENT UNDERDRAIN DETAIL
NOT TO SCALE (REV. 07/18)

R3-5A
30"x36"

ONE WAY ONLY SIGN DETAIL
NOT TO SCALE

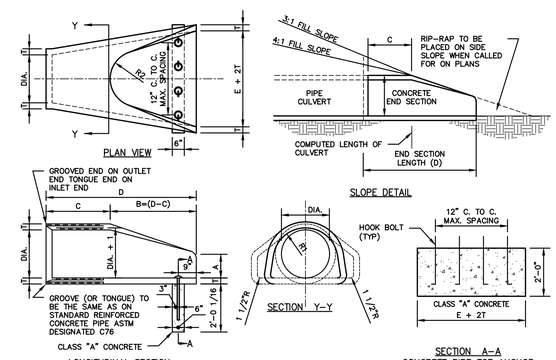
MANHOLE				
TYPE	"G"	"F"	MAXIMUM PIPE SIZE RT. ANGLE TO MAINLINE	MAXIMUM PIPE SIZE FOR MAINLINE
H	24"to36"		30"	36"
J	24"to36"	60"	33"	36"
K	36"x48"	72"	36"	48"
L	48"x54"	96"	48"	54"
M	54"x72"	102"	66"	72"
N	72"x84"	108"	72"	84"

NOTES:
DROP PIPE MAY BE USED WITH MANHOLE'S TYPE H THRU N AND SHALL BE REFERRED TO AS DROP MANHOLE TYPE H THRU N.



NOTE: BENCH WALLS SHALL FORM A DEFINED CHANNEL TO A MINIMUM HEIGHT OF 80% OF THE INSIDE DIAMETER OF THE INLET AND OUTLET PIPES

MANHOLES TYPE "H,J,K,L,M & N" DETAIL
NOT TO SCALE (REV. 06/17)



NOTES:

CONCRETE IN THESE END SECTIONS SHALL BE THE SAME GRADE AND STRENGTH AS SPECIFIED FOR REINFORCED CONCRETE PIPE, A.S.T.M. DESIGNATION C-76

REINFORCEMENT IN THE "C" PORTION SHALL BE THE SAME AS SPECIFIED FOR REINFORCED CONCRETE, A.S.T.M. DESIGNATION C-76 FOR THE SIZE OF CONNECTING PIPE.

REINFORCEMENT IN THE "B" PORTION SHALL HAVE A CROSS SECTIONAL AREA EQUAL TO THAT OF ONE LAYER OF STEEL IN THE "C" PORTION.

THE END OF THE PIPE CULVERT SHALL BE PLACED IN THE CONCRETE END SECTION SO THAT THE FLOW LINES ARE FLUSH. THE JOINT SHALL BE COMPLETELY FILLED WITH MORTAR.

IN 3:1 OR 4:1 FILL SLOPE, CHANGE TO THE SLOPE OF THE END SECTION IN A SMOOTH, PLEASING TRANSITION APPROXIMATELY 10'-0" IN LENGTH.

VARIATIONS IN DIMENSIONS – THE THICKNESS OR THE CONCRETE, THE POSITION OF STEEL, AND THE INTERNAL DIAMETER OF THE PIPE SHALL CONFORM WITH THE VARIATIONS IN DIMENSIONS AS PROVIDED IN THE SPECIFICATIONS FOR REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE, A.S.T.M. DESIGNATION C-76.

CONCRETE PIPE TOE ANCHORS SHALL BE REQUIRED ON ALL CONCRETE PIPE END SECTIONS.

DIA.	T (MIN.)	A*	C*	D*	E*	R1	R2
12"	2"	5"	4'-3"	6'-2"	2'-0"	10 1/8"	9"
15"	2 1/4"	7"	4'-0"	6'-3"	2'-6"	12 1/2"	11"
18"	2 1/2"	11"	4'-11"	6'-2"	3'-0"	15 1/2"	12"
21"	2 3/4"	11"	3'-6"	6'-3"	3'-6"	16 1/8"	13"
24"	3"	12"	2'-8"	6'-3"	4'-0"	16 3/16"	14"
27"	3 1/4"	13"	2'-5"	6'-3"	4'-6"	18 3/16"	14 1/2"
30"	3 1/2"	14"	1'-10"	6'-3"	5'-0"	18 1/2"	15"
33"	3 3/4"	15"	3'-6"	8'-3"	5'-6"	23 3/4"	17 1/2"
36"	4"	17"	3'-1"	8'-3"	6'-0"	24 3/16"	20"
42"	4 1/2"	21"	2'-11"	8'-2"	7'-0"	27 1/2"	22"
48"	5"	24"	2'-2"	8'-2"	8'-0"	28 1/2"	22"
54"	5 1/2"	27"	2'-9"	8'-2"	9'-0"	33 1/8"	24"
60	6"	30"	3'-3"	8'-3"	10'-0"	36 11/16"	24"
66"	6 1/2"	30"	2'-3"	8'-3"	11'-0"	36 1/8"	24"
72"	7"	36"	1'-5"	8'-3"	9'-0"	*	*
84"	8"	36"	1'-5"	9'-3 1/2"	10'-0"	*	*

* RADIUS COMES FURNISHED BY MANUFACTURER

PRECAST CONCRETE END SECTION DETAIL
NOT TO SCALE (REV. 06/18)

HAMILTON HEIGHTS SCHOOL DISTRICT
25802 Indiana 19
Arcadia, Indiana 46030

F.J. Watkins Construction, Inc.
General Contractor & Construction Manager

AMERICAN STRUCTUREPOINT INC.
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HAMILTON HEIGHTS HIGH SCHOOL

PHASE II - SITE IMPROVEMENTS

25802 STATE ROAD 19, ARCADIA, INDIANA

CERTIFIED BY

ISSUANCE INDEX
DATE:
03/03/2020
PROJECT PHASE:
CONSTRUCTION DOCUMENTS

REVISION SCHEDULE		
NO.	DESCRIPTION	DATE
1	ADDENDUM 1	03/20/20
2	ADDENDUM 3	03/27/20

Project Number 2017.01031

SITE DETAILS

C601

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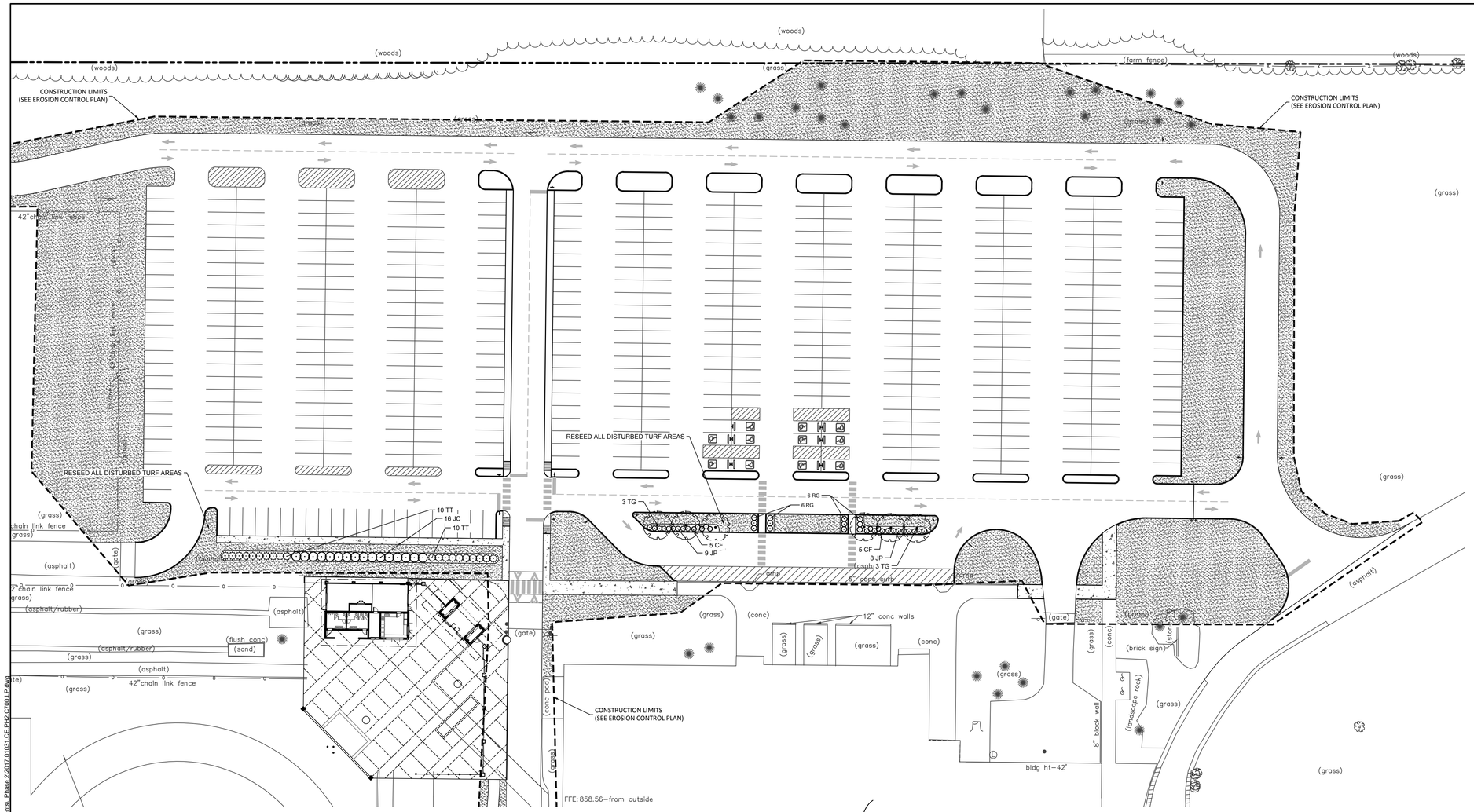
EDIT DATE: 3/27/2020
EDITED BY: JOLASHUK
DRAWING FILE: P:\2017\01031\D. Drawings\Civil\Construction Documents\ Phase 2\2017.01031.CE PH2.C600 SD.dwg



SCALE: 1"=40'

GENERAL NOTES:

1. CONTRACTOR TO VERIFY ALL UTILITY LOCATIONS IN THE FIELD PRIOR TO BEGINNING WORK. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO UTILITIES ASSOCIATED WITH WORK. UTILITIES SHALL BE REPAIRED TO SATISFACTION OF THE UTILITY OWNER AND/OR OPERATING AUTHORITY AT NO ADDITIONAL COST.
2. A MINIMUM OF 4" OF TOPSOIL ($\frac{5}{8}$" TOPSOIL, $\frac{1}{4}$" MULCH AND SOIL CONDITIONER) SHALL BE PLACED ON ALL AREAS TO BE SEEDED, SODDED AND PLANTED. PLANTING SOIL MIX SHALL BE FREE FROM SUBSOIL, VEGETATION, WEEDS OR ANY EXTRANEOUS OR DELETERIOUS MATERIALS LARGER THAN 1". REMOVE ANY UNSUITABLE AND EXCESS TOPSOIL, AS DETERMINED BY SOILS ENGINEER, FROM THE SITE. FURNISH ANY ADDITIONAL TOPSOIL NEEDED AT NO ADDITIONAL COST. ADDED TOPSOIL SHALL BE INCORPORATED INTO EXISTING SOIL.
3. IN CASE OF DISCREPANCIES BETWEEN THE PLAN AND THE PLANT LIST, THE PLAN SHALL DICTATE. IF IN QUESTION, CONTACT THE LANDSCAPE ARCHITECT.
4. ALL PLANTING BEDS SHALL HAVE A 3" THICK LAYER OF SHREDDED HARDWOOD BARK MULCH. NO UTILITY MULCH OR PROCESSED TREE TRIMMINGS WILL BE ALLOWED. ALL PLANTING BEDS SHALL HAVE PRE-EMERGENT HERBICIDE APPLIED AS PER MANUFACTURER'S RECOMMENDATION, AFTER INSTALLATION IS COMPLETE.
5. FINAL PLACEMENT OF PLANT MATERIALS, ETC. SHALL BE APPROVED BY LANDSCAPE ARCHITECT BEFORE PLANTING OPERATIONS ARE TO PROCEED. ALL TREE LOCATIONS SHALL BE MARKED WITH A WOODEN STAKE INDICATING VARIETY AND SIZE OF TREE.
6. NO SUBSTITUTIONS OF PLANT MATERIAL WILL BE ALLOWED. IF PLANTS ARE SHOWN TO BE UNAVAILABLE, THE CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT PRIOR TO BID DATE IN WRITING. ALL PLANTS SHALL BE INSPECTED AND TAGGED WITH PROJECT IDENTIFICATION AT NURSERY OR CONTRACTORS OPERATION PRIOR TO MOVING TO JOB SITE. PLANTS MAY ALSO BE INSPECTED AND APPROVED OR REJECTED ON THE JOB SITE.
7. ALL PLANTS ARE TO MEET OR EXCEED AMERICAN STANDARDS FOR NURSERY STOCK, 2004 EDITION, AS SET FORTH BY AMERICAN ASSOCIATION OF NURSERYMEN.
8. PLANTINGS SHOULD BE INSTALLED BETWEEN APRIL 1ST AND MAY 31ST, OR BETWEEN SEPTEMBER 1ST AND OCTOBER 31ST TO AVOID UNFAVORABLE WEATHER CONDITIONS. LANDSCAPE AND TURF PLANTED OUTSIDE OF THESE PERIODS WILL REQUIRE ADDITIONAL MEASURES TO MAINTAIN ACCEPTABLE HEALTH.
9. PLANTS AND ALL OTHER MATERIALS TO BE STORED ON SITE WILL BE PLACED WHERE THEY WILL NOT CONFLICT WITH CONSTRUCTION AND AS DIRECTED BY OWNER.
10. ALL NEW LANDSCAPE PLANTINGS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FOLLOWING FINAL INSPECTION BY LANDSCAPE ARCHITECT. AT END OF THIS PERIOD, PLANT MATERIAL TERMED DEAD OR UNSATISFACTORY BY LANDSCAPE ARCHITECT SHALL BE REPLACED AT NO ADDITIONAL CHARGE BY THE LANDSCAPE CONTRACTOR.
11. ALL DISTURBED LAWN AREAS SHALL BE SEEDED OR SODDED AS SHOWN PER THE LANDSCAPE AND EROSION CONTROL PLANS.
12. LAWN AND SOD AREAS ARE TO BE GRADED UNIFORMLY WITHOUT ANY UNDULATIONS OR IRREGULARITIES IN THE SURFACE PRIOR TO ANY SEED OR SOD WORK.
13. ALL LAWN IS TO BE A BLEND PER THE PLANT SCHEDULE. SEED AREAS ARE TO HAVE 0% NOXIOUS WEED AND FREE OF DISEASE.
14. PROTECT LAWN SEEDED AREAS WITH STRAW MULCH. SPREAD MULCH UNIFORMLY AT A MINIMUM RATE OF 2 TONS PER ACRE TO FORM A CONTINUOUS BLANKET 1 $\frac{1}{2}$ INCHES IN LOOSE THICKNESS OVER SEEDED AREAS.

LANDSCAPE LEGEND

- DECIDUOUS SHADE TREE
- EVERGREEN TREE
- SHRUBS
- TREE RING / SPADE EDGE (DOUBLE-SHREDDED HARDWOOD BARK MULCH) SEE DETAIL ON SHEET C710
- TURF

PLANT SCHEDULE

TREES	QTY	BOTANICAL / COMMON NAME	COND.	SIZE	SPACING
JC	16	Juniperus chinensis 'Perfecta' / Perfecta Juniper	B & B	6' Ht. (min)	6' O.C.
TT	20	Thuja x 'Steeplechase' / Steeplechase Arborvitae	B & B	6' Ht. (min)	3' O.C.
TG	6	Tilia cordata 'Greenspire' / Greenspire Littleleaf Linden	B & B	2" Cal.	As shown
SHRUBS	**QTY**	**BOTANICAL / COMMON NAME**	**COND.**	**SIZE**	**SPACING**
CF	10	Cornus sericea 'Farrow' / Arctic Fire Red Twig Dogwood	CONT.	3 GAL.	4' O.C.
JP	17	Juniperus chinensis 'Kallays Compact' / Kallay Compact Pfitzer Juniper	CONT.	3 GAL.	4' O.C.
RG	12	Rhus aromatica 'Gro-Low' / Gro-Low Fragrant Sumac	B & B	24"-36" Ht.	4' O.C.

TURF SCHEDULE

LAWN SEED- SUN AND PARTIAL SHADE MIX See specifications for additional lawn seed mixes and installation requirements.	129,945 sf
Festuca arundinacea / Tall Turf Type Fescue	103,956 sf
Poa pratensis / Kentucky Bluegrass	25,989 sf

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HAMILTON HEIGHTS HIGH SCHOOL

PHASE II - SITE IMPROVEMENTS

25802 STATE ROAD 19, ARCADIA, INDIANA

ARTHUR E. BLEICHER III
REGISTERED
No. LA21700012
STATE OF INDIANA
LANDSCAPE ARCHITECT

CERTIFIED BY

ISSUANCE INDEX
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Project Number 2017.01031

LANDSCAPE PLAN

C700

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EDIT DATE: 3/27/2020
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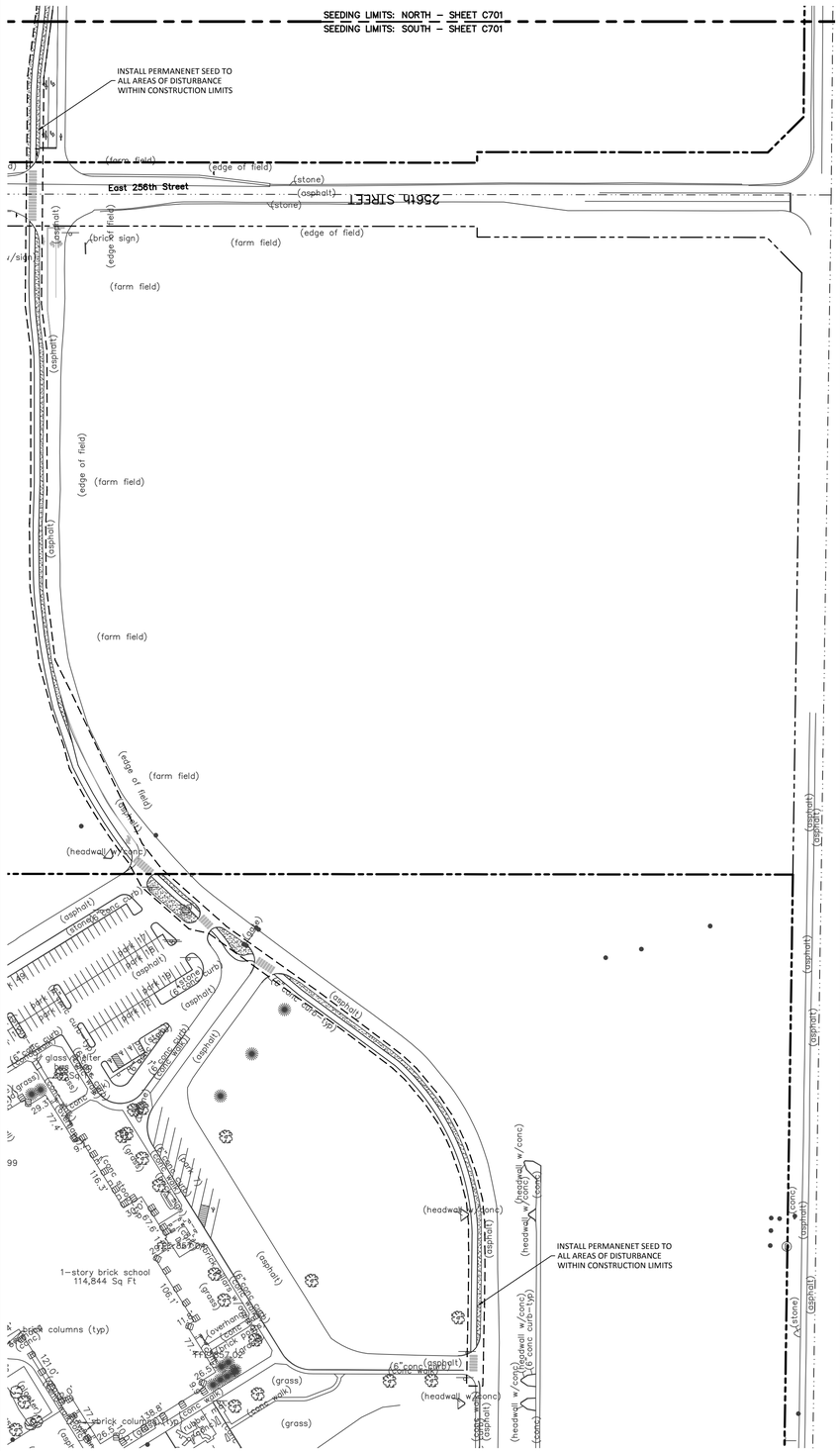
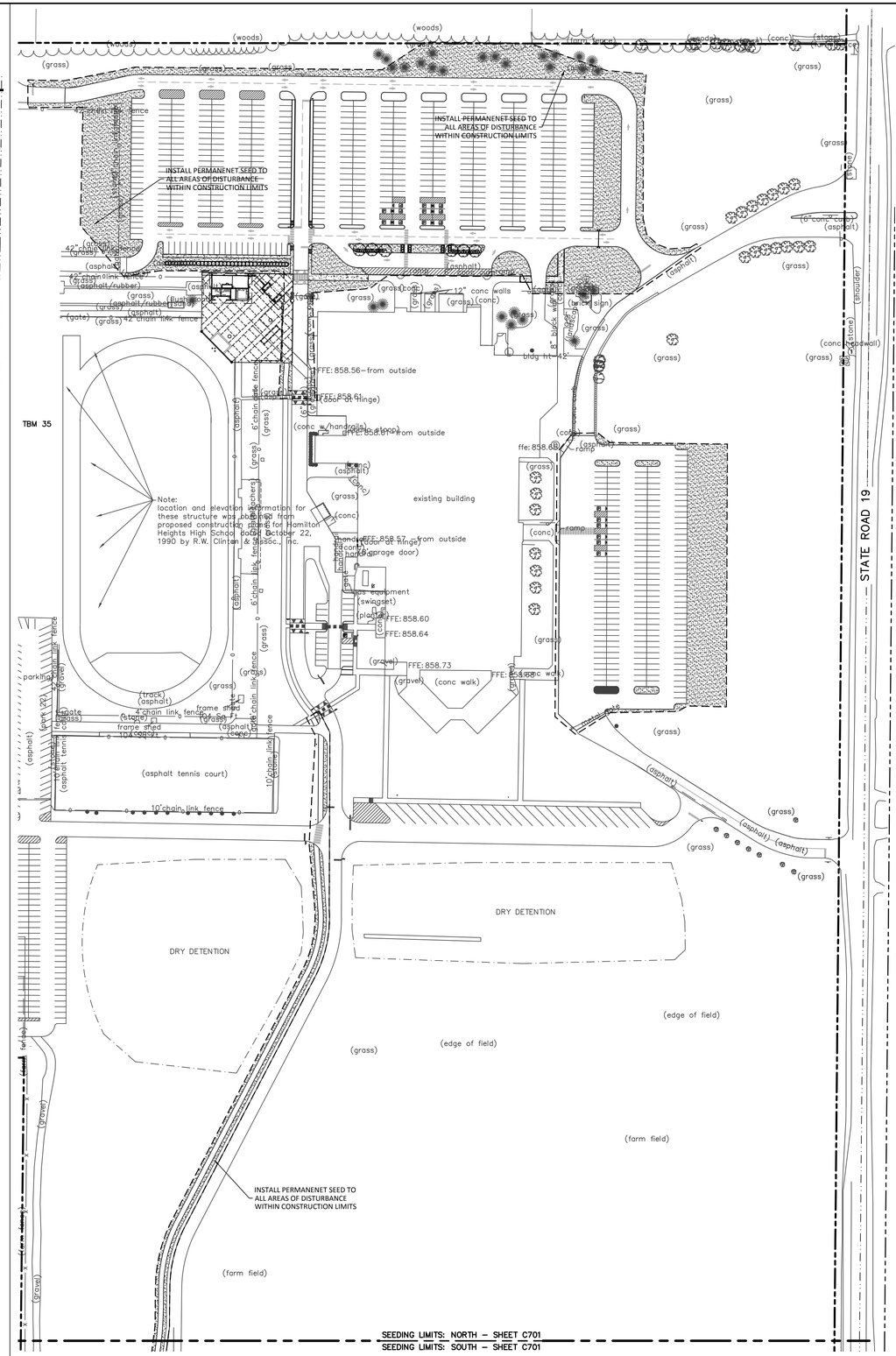


02 SEEDING LIMITS: SOUTH

C701 SCALE: 1"=100'



01 SEEDING LIMITS: NORTH

C701 SCALE: 1"=100'

0' 40' 80'

SCALE: 1"=40'

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HAMILTON HEIGHTS HIGH SCHOOL

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SEEDING LIMITS

C701

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