

INDEX	
SHEET NO.	DESCRIPTION
1	TITLE SHEET & INDEX SHEET
2 - 3	TYPICAL SECTIONS & MISCELLANEOUS DETAIL SHEETS
4	EXISTING SITE PLAN
5	PROPOSED SITE PLAN
6	PROPOSED CONTOUR AND ELEVATION SHEET
7	PAVED DITCH DETAILS
8	EROSION CONTROL SHEET
9	NYLOPLAST DETAIL SHEET

UTILITIES	
FIBER OPTICS: JACKSON COUNTY REMC ATTN: LANCE ADAMS 274 E. BASE RD. BROWNSTOWN, IN 47220 812-277-6442 LADAMS@JACKSONREMC.COM	CABLE TV: COMCAST ATTN: TOM DAVIS 1470 JACKSON STREET COLUMBUS, IN 47201 765-692-0676 (WORK) 765-545-0234 (CELL) THOMAS_DAVIS@COMCAST.COM
WATER JACKSON COUNTY WATER ATTN: LARRY MCINTOSH 1119 W SPRING ST BROWNSTOWN, IN 47220 812-358-3654 MANAGER@JACKSONCOUNTYWATER.COM	TELEPHONE: FRONTIER COMMUNICATION ATTN: ROBIN BRANSON 24373 CR 45 ELKHART, IN 56416 574-875-3789 ROBIN.H.BRANSON@FTR.COM

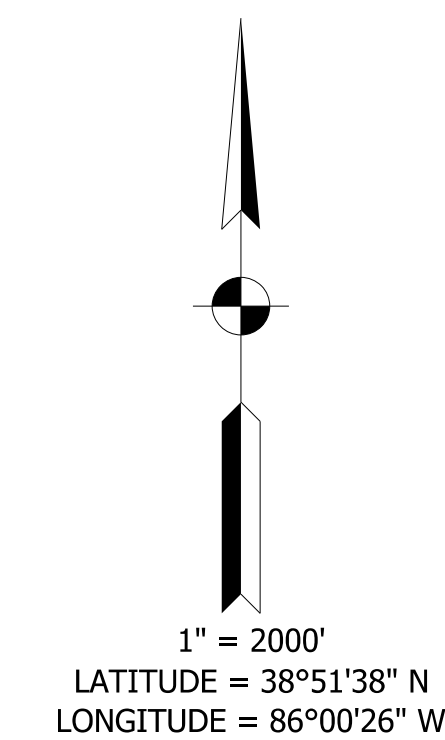
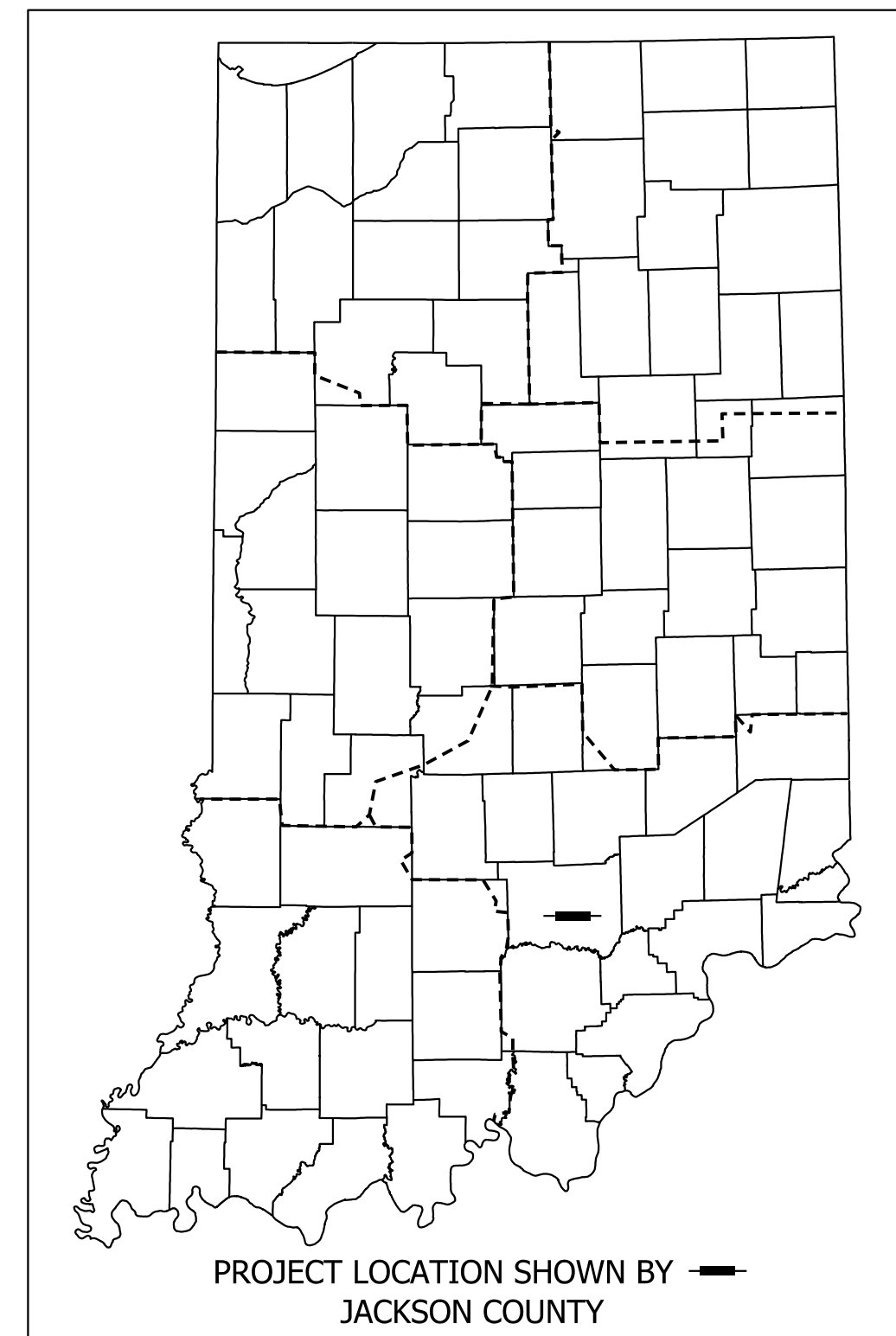
FOR UNDERGROUND UTILITIES, CALL: WITHIN INDIANA
1-800-382-5544 (TOLLFREE)
FROM OUTSIDE INDIANA 1-800-428-5200 (TOLLFREE)

INDIANA DEPARTMENT OF NATURAL RESOURCES

JACKSON - WASHINGTON STATE FOREST

PROJECT NO: ENG # 2409635013

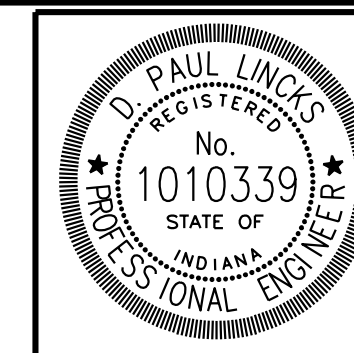
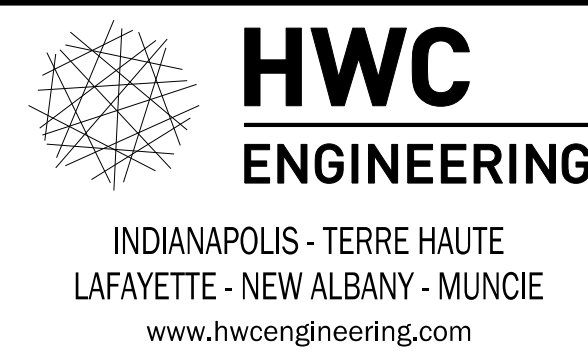
PROJECT DESCRIPTION
RECONSTRUCTION OF PAVEMENT AROUND THE JACKSON - WASHINGTON STATE FOREST PARK OFFICE. THIS PROJECT IS LOCATED IN SECTION 19, T-5-N, R-5-E, BROWNSTOWN TOWNSHIP, JACKSON COUNTY, INDIANA.



JACKSON COUNTY

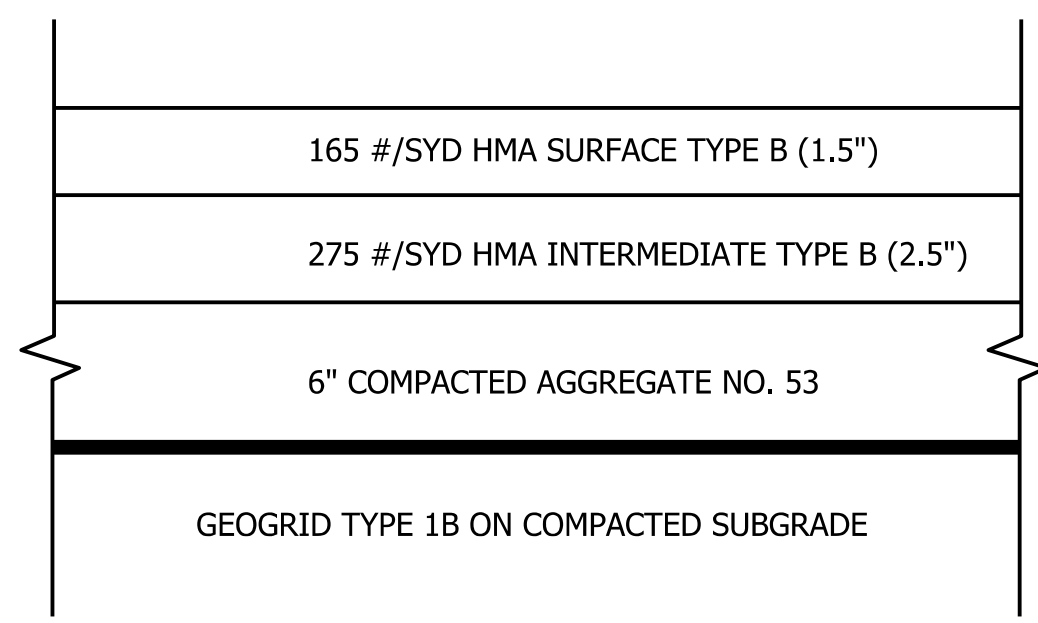
INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2022
TO BE USED WITH THESE PLANS

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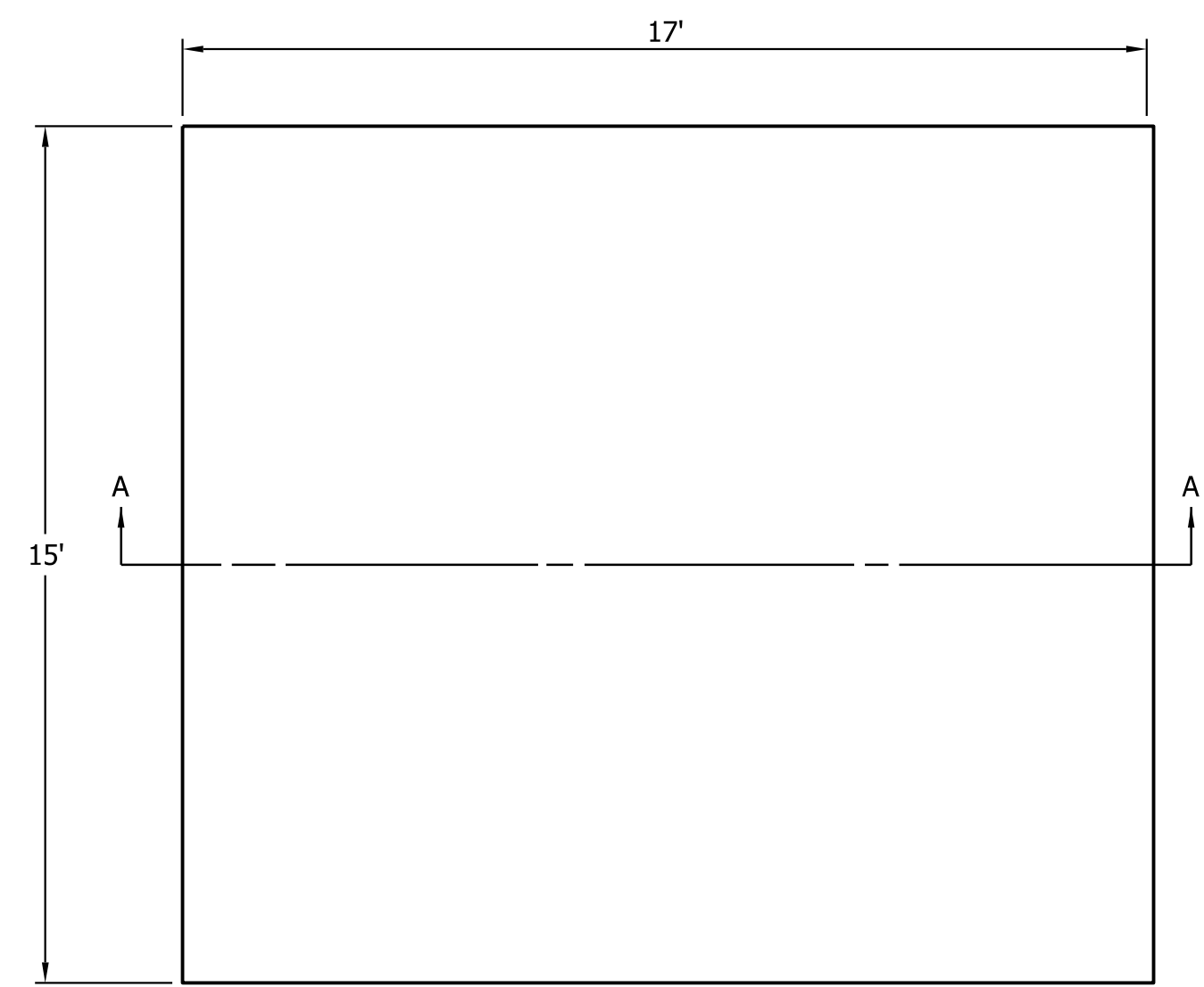


PLANS PREPARED BY:	HWC ENGINEERING	812-675-4458 PHONE NUMBER
CERTIFIED BY:	<i>D. Paul Lincis</i>	9-6-23 DATE

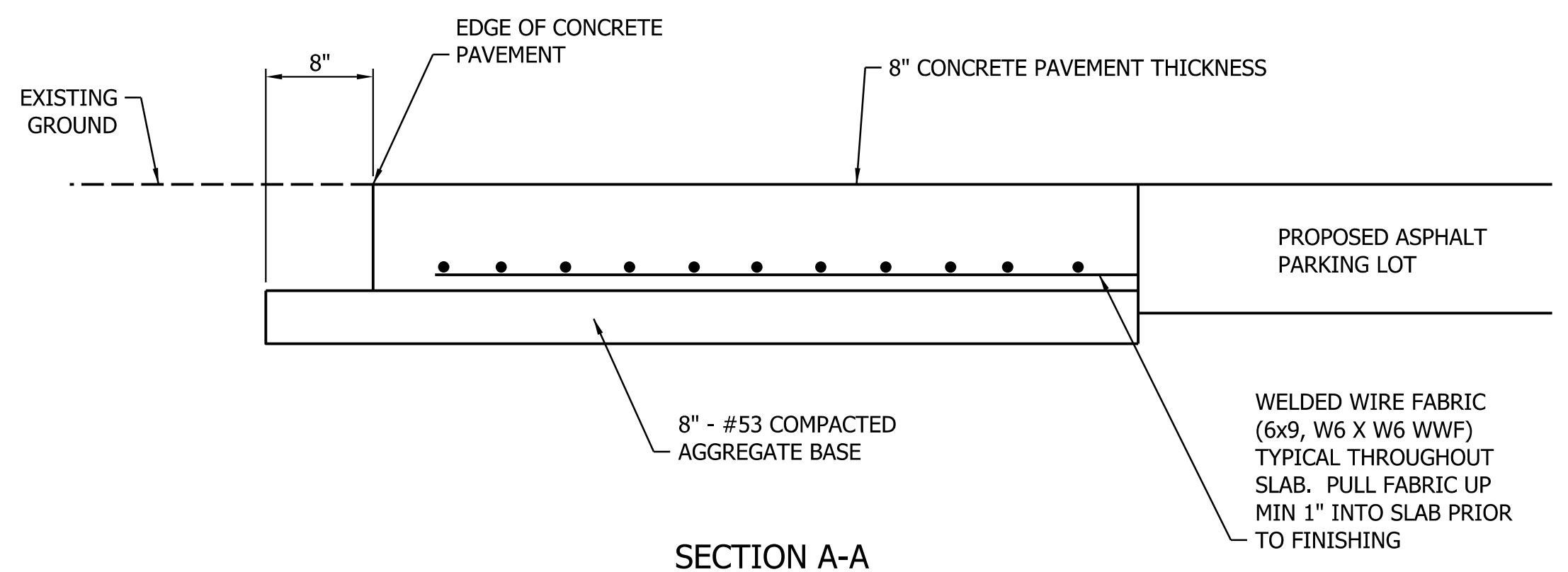
SHEETS		
1	of	9
PROJECT		
ENG # 2409635013		



PARKING LOT PAVEMENT SECTION
DETAIL - NOT TO SCALE



PLAN

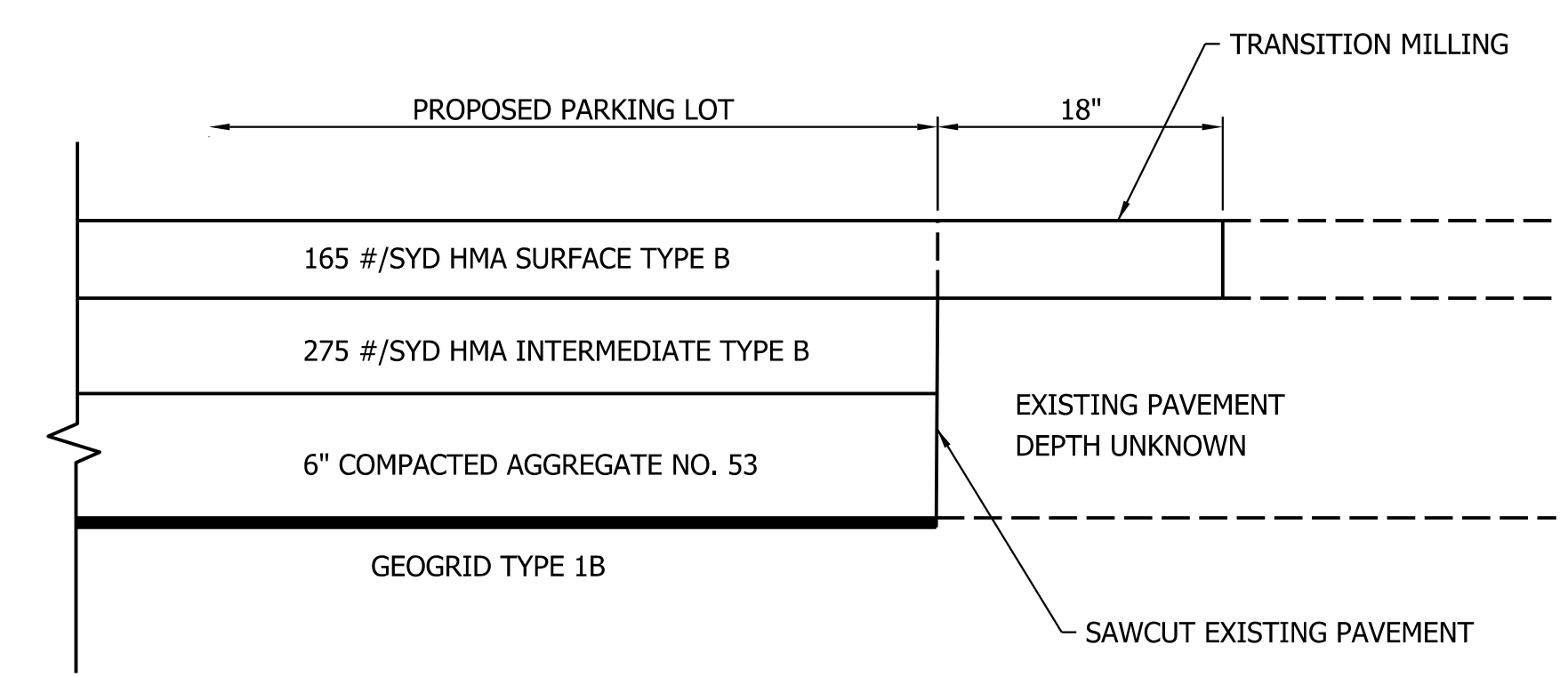


CONCRETE PAD FOR GAS AND DIESEL TANKS
DETAIL - NOT TO SCALE



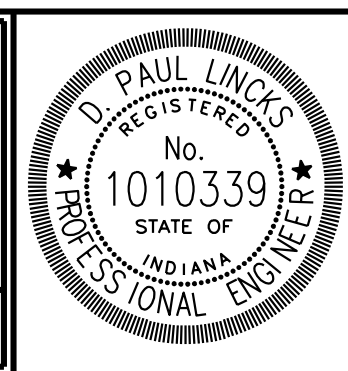
- 1 EX. CONCRETE SIDEWALK TO BE REMOVED & NEW HMA PAVEMENT FOR PARKING LOT INSTALLED
- 2 EX. CONCRETE SIDEWALK TO BE REMOVED & NEW 4" CONCRETE SIDEWALK INSTALLED
- 3 EX. BOTTOM TWO POST AND STEPS TO BE REMOVED PRIOR TO CONSTRUCTION BY DNR. DNR WILL REINSTALL STEPS AFTER CONSTRUCTION IS COMPLETE.
- 4 TO BE EXCAVATED, GRADED AND 4" CONCRETE SIDEWALK TO BE INSTALLED
- 5 DOWNSPOUT TO BE DRAINED OFFSITE (SEE SITE PLAN)
- 6 EXISTING CONCRETE FOOTING FOR STEPS TO REMAIN IN PLACE. NEW SIDEWALK BUILT AROUND FOOTING.

STEP AND CONCRETE DETAILS
FOR BACK OF BUILDING
NOT TO SCALE



SAWCUT DETAIL
NOT TO SCALE

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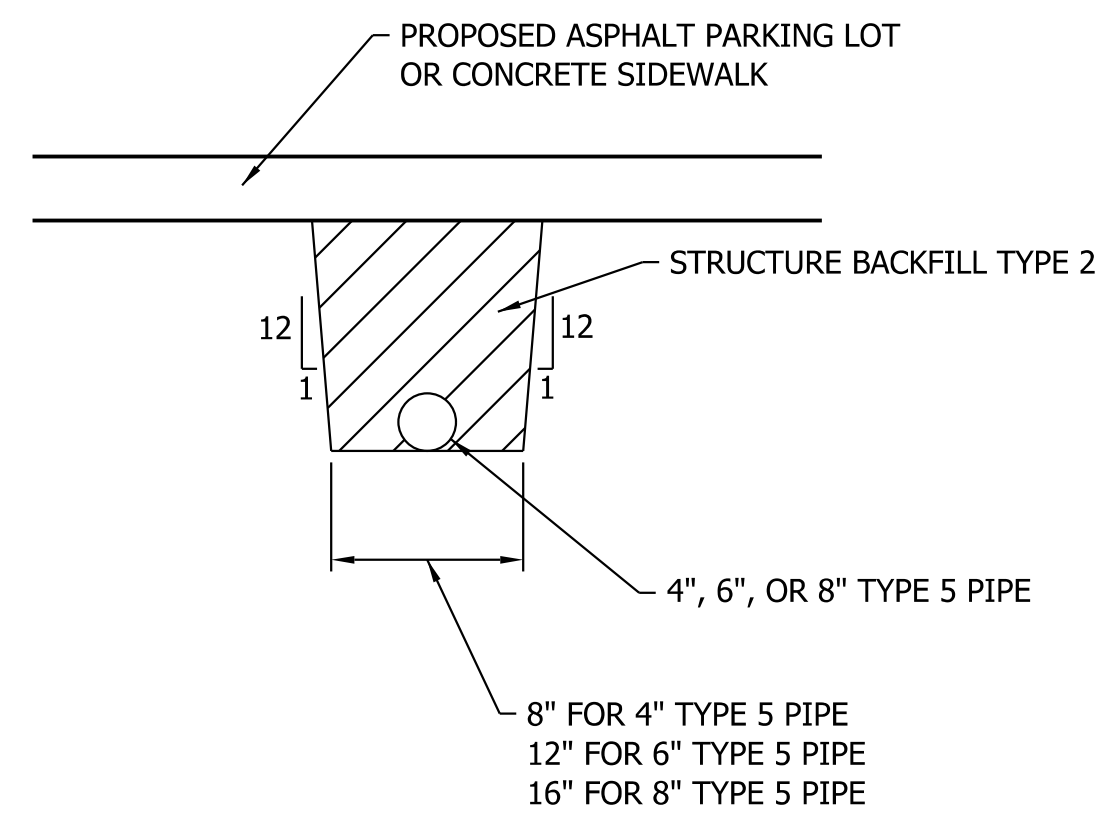


RECOMMENDED FOR APPROVAL	<i>D. Paul Links</i>	9-6-23
DESIGNED:	KAM	DRAWN:
CHECKED:	DPL	CHECKED:

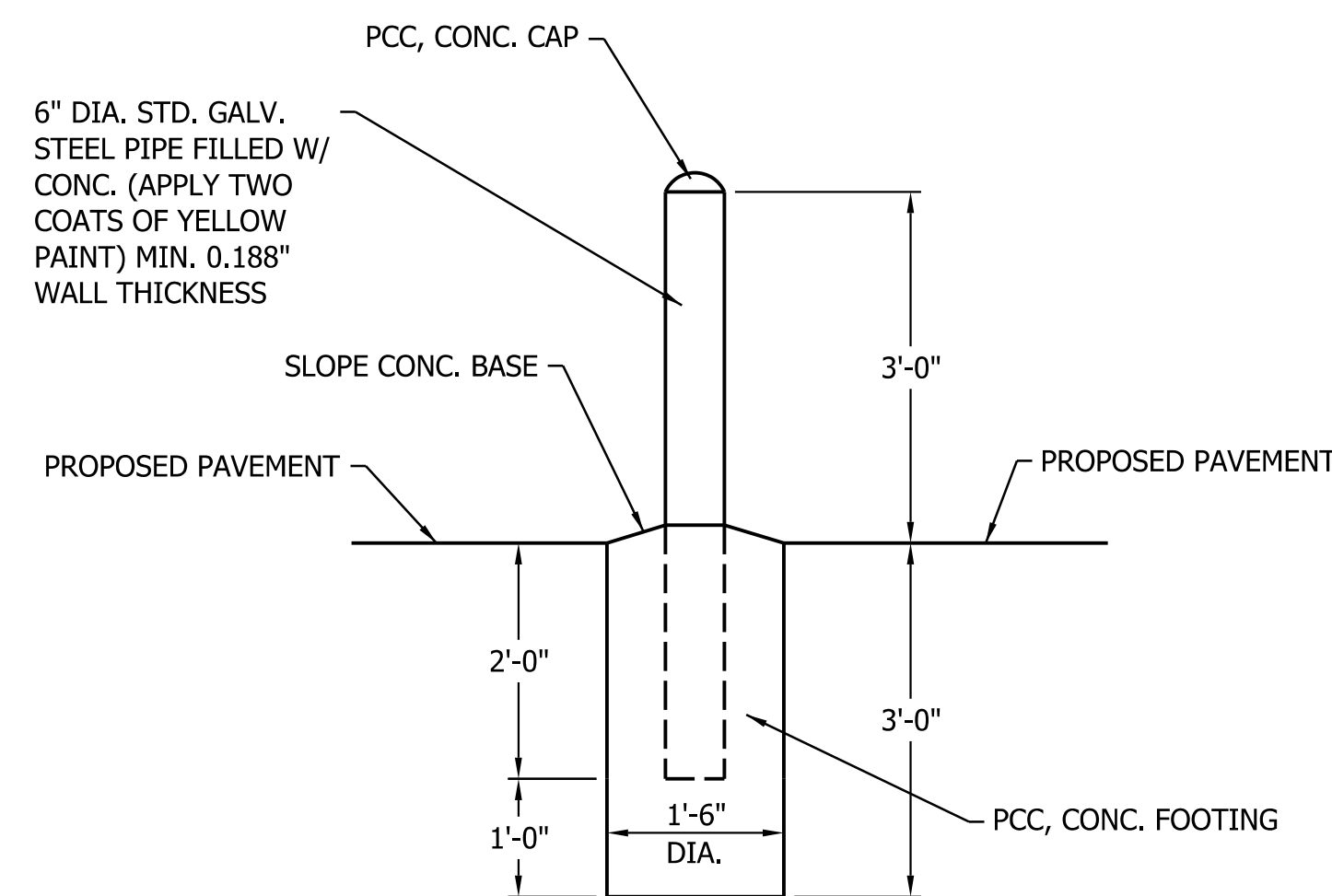
INDIANA DEPARTMENT
OF NATURAL RESOURCES

TYPICAL SECTION &
MISCELLANEOUS DETAILS

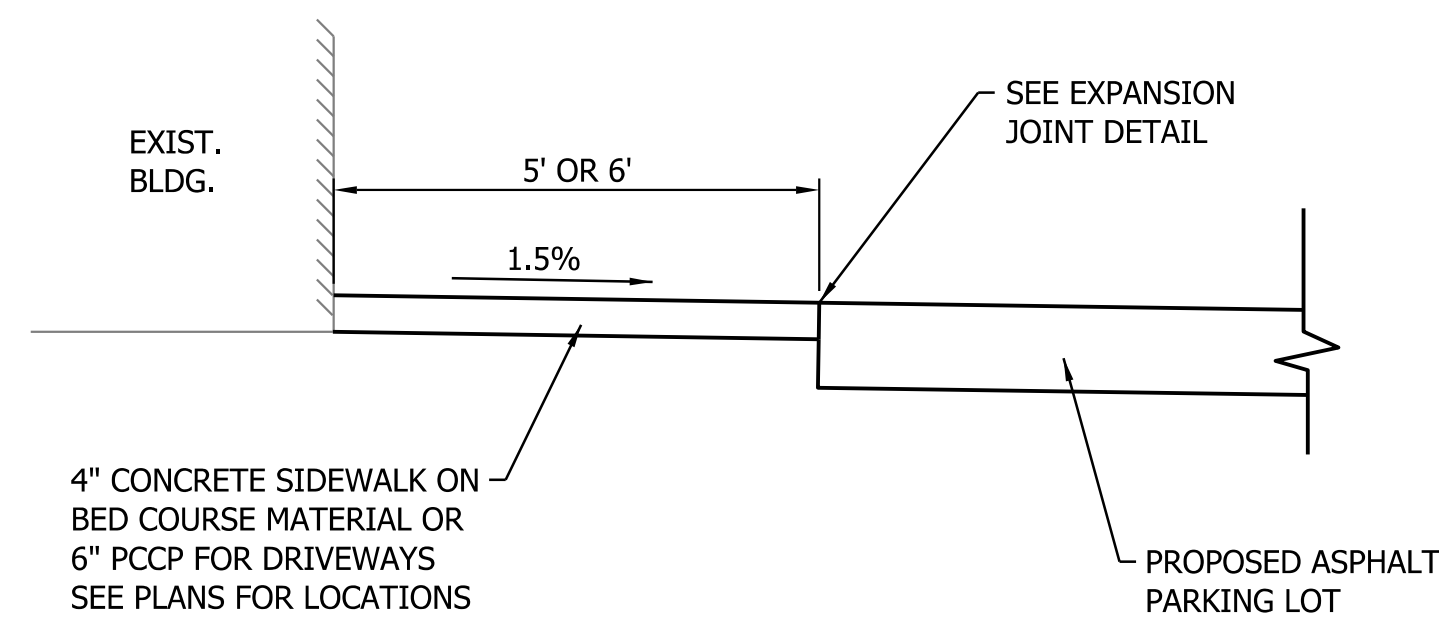
HORIZONTAL SCALE	BRIDGE FILE
N/A	DESIGNATION
VERTICAL SCALE	N/A
N/A	SURVEY BOOK
SURVEY BOOK	SHEETS
CONTRACT	2 of 9
PROJECT	ENG # 2409635013



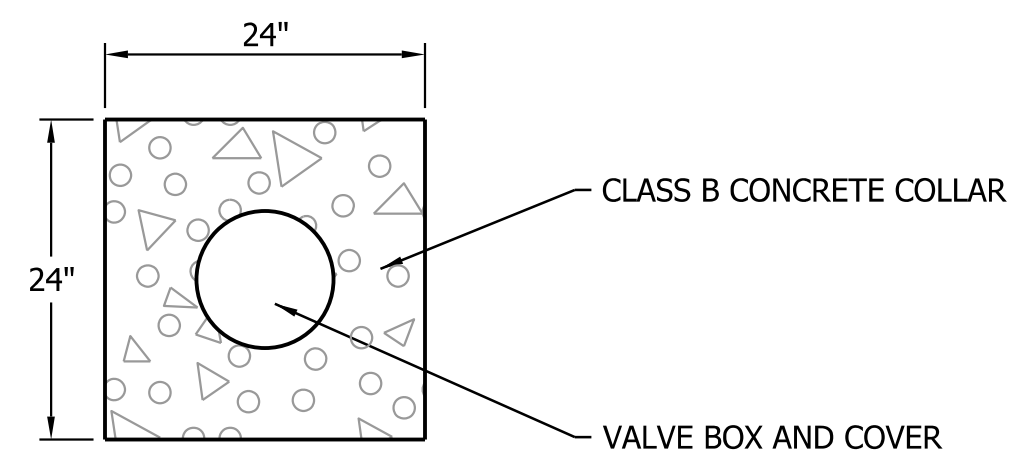
BACKFILL DETAIL
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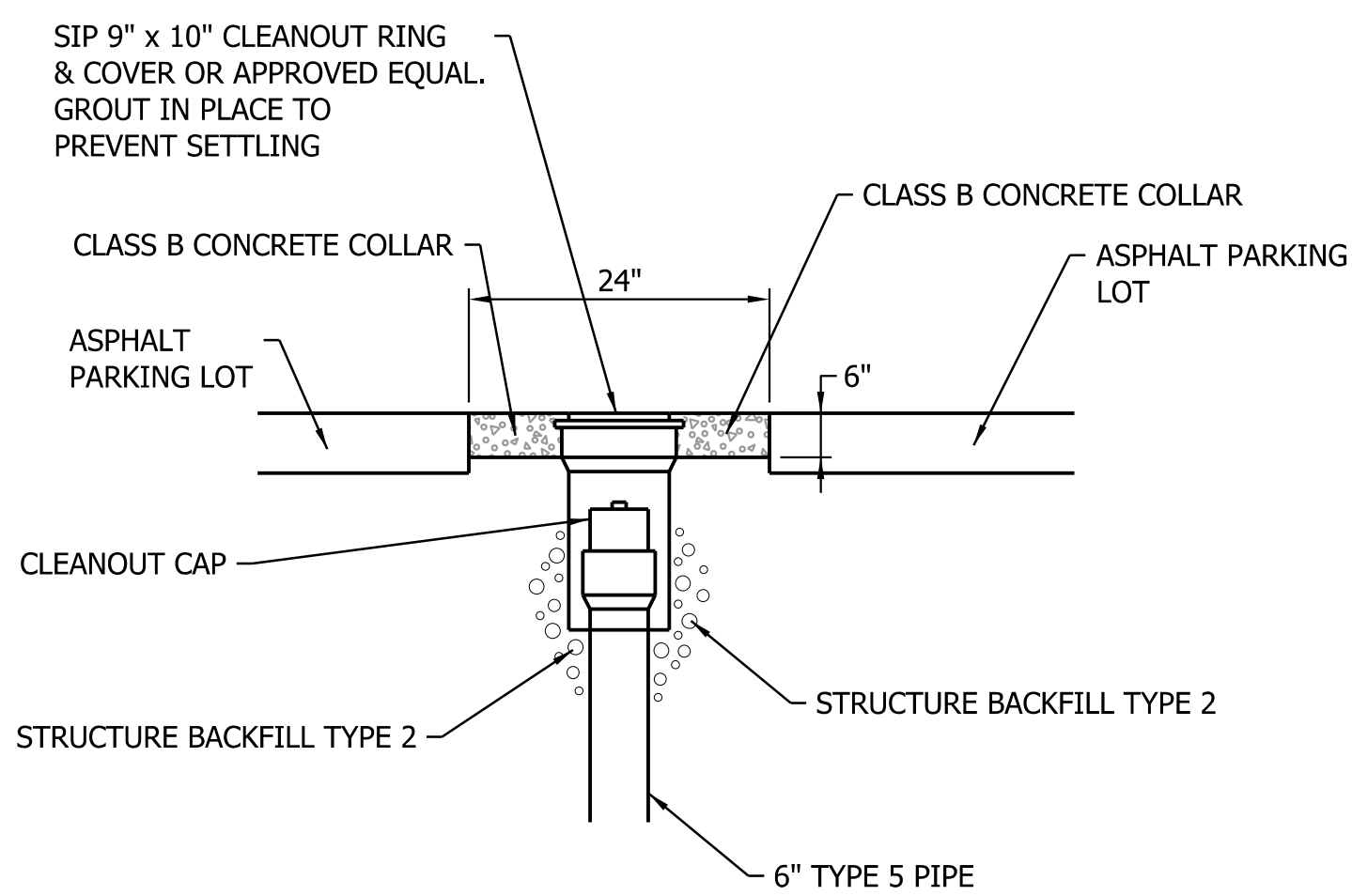
CONCRETE BOLLARD DETAIL
NOT TO SCALE



SIDEWALK TYPICAL SECTION
NOT TO SCALE

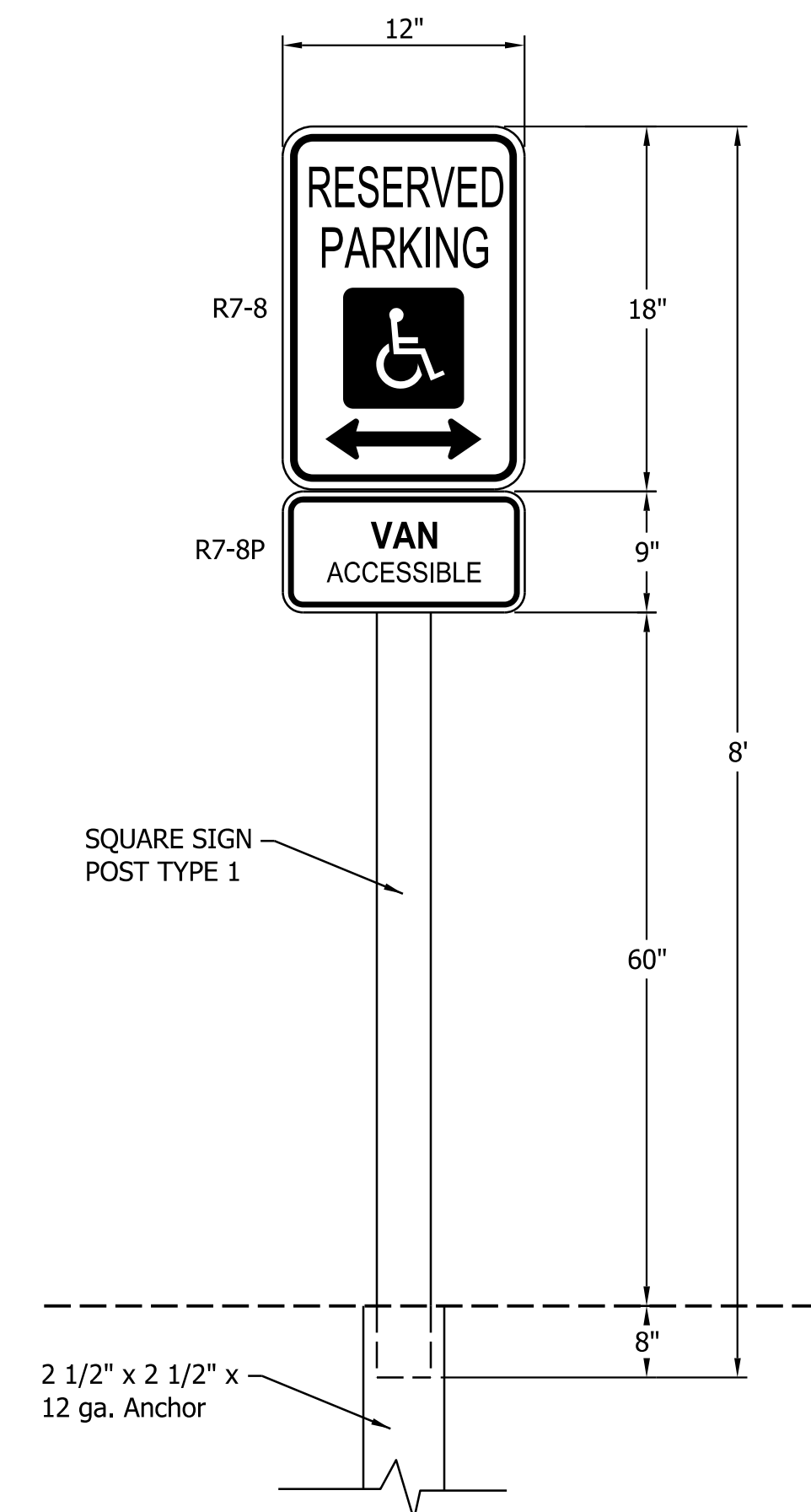


PLAN VIEW

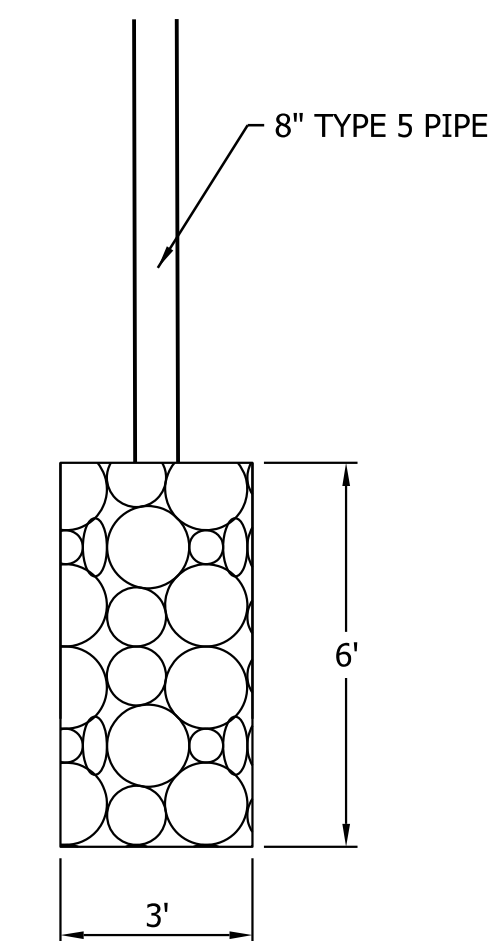


SECTION VIEW

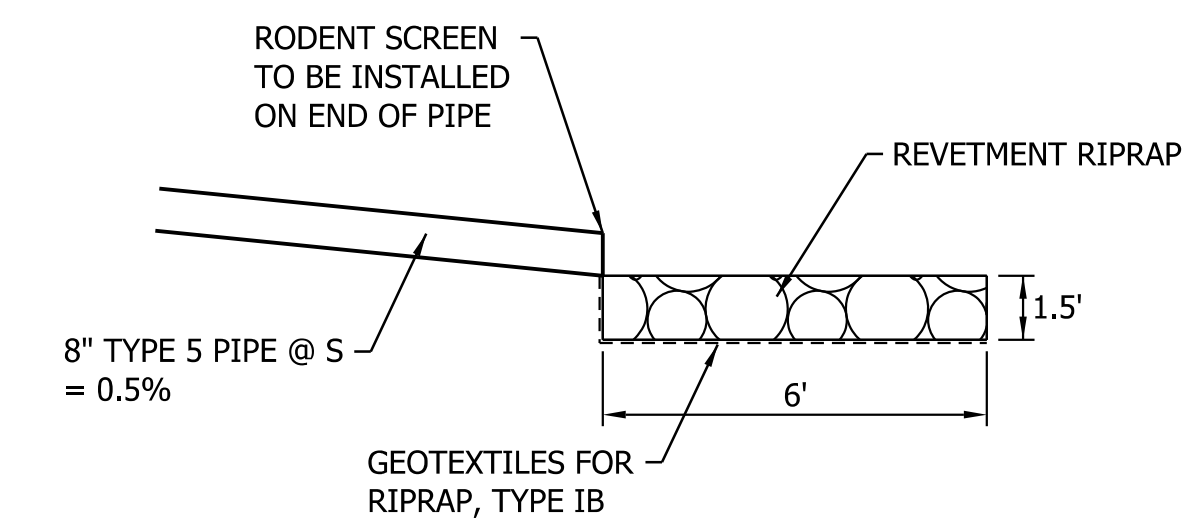
CLEANOUT DETAIL
NOT TO SCALE



ADA SIGN DETAIL
NOT TO SCALE

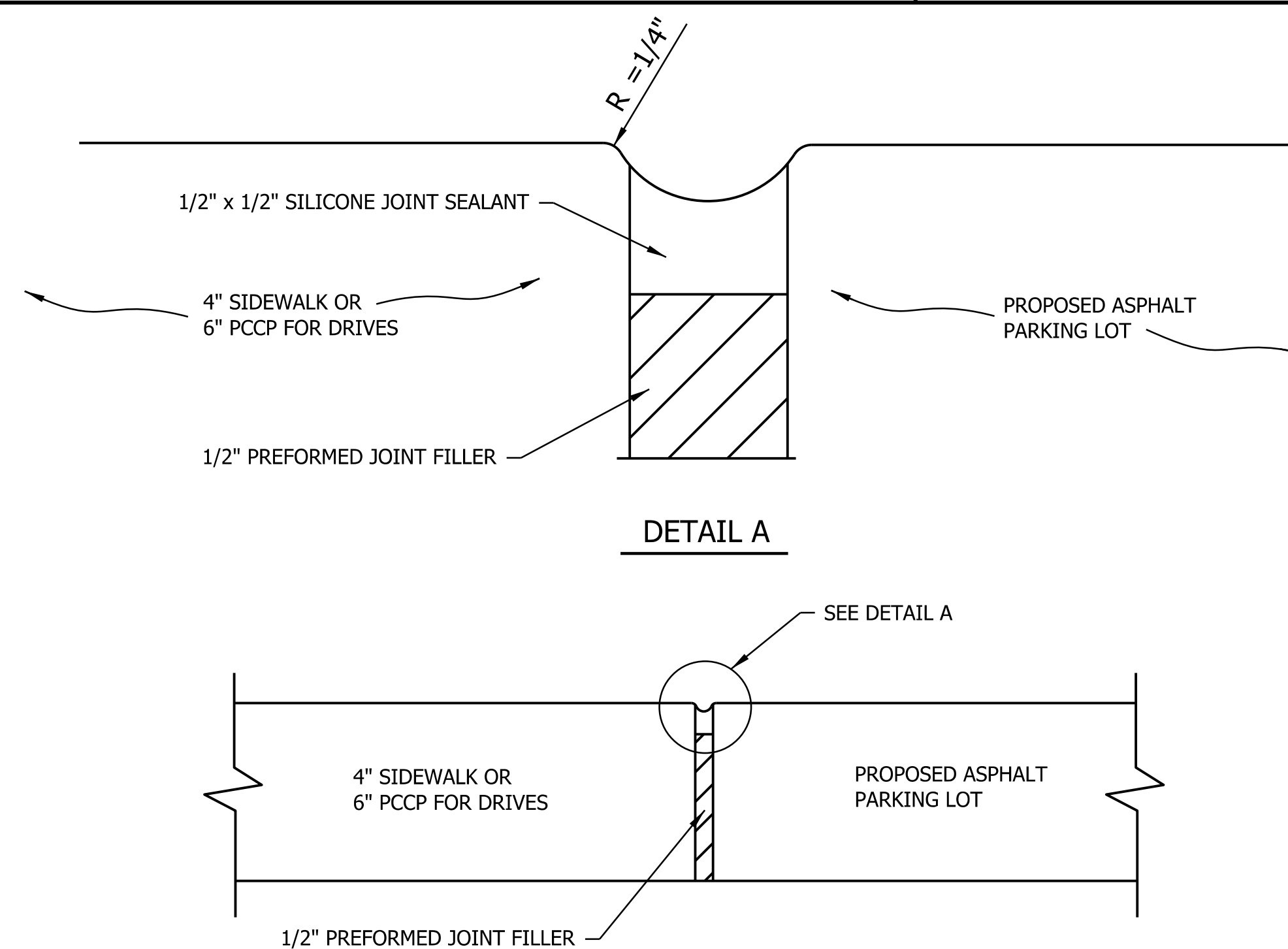


PLAN VIEW

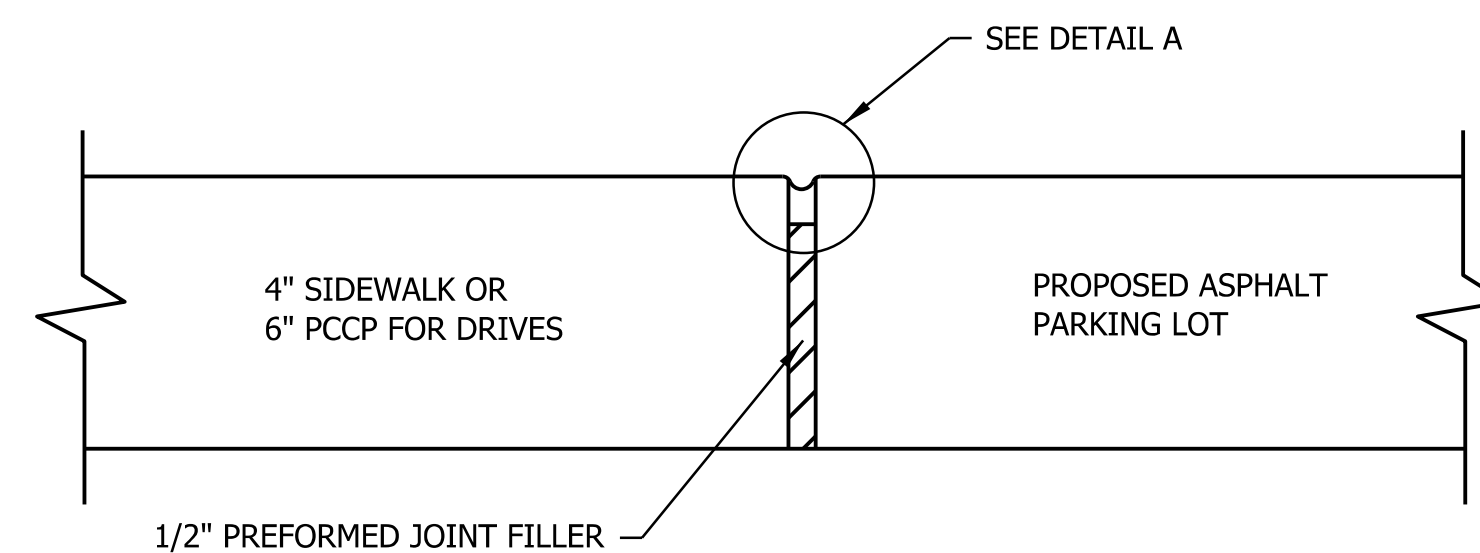


SECTION VIEW

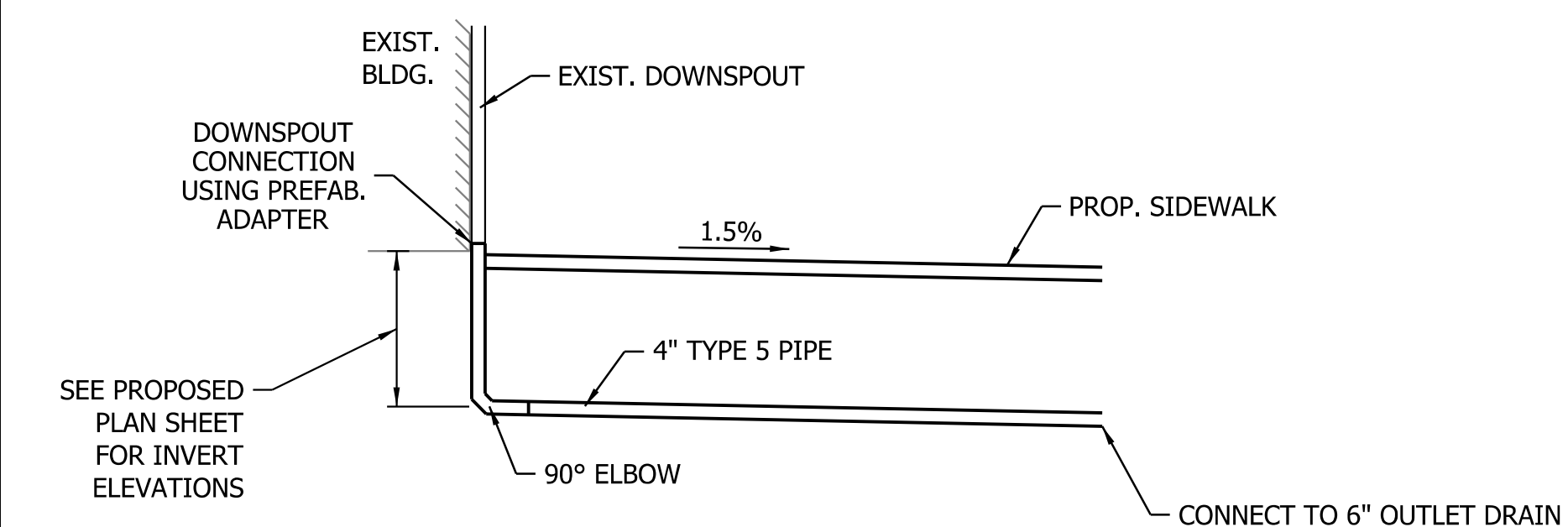
PIPE OUTLET DETAIL
NOT TO SCALE



DETAIL A

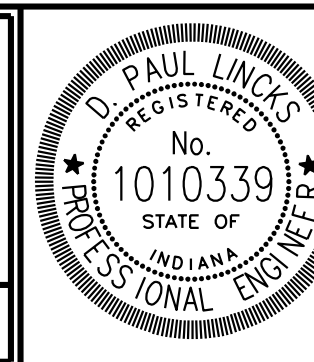


EXPANSION JOINT DETAIL
NOT TO SCALE



ROOF DRAIN CONNECTION DETAIL
NOT TO SCALE

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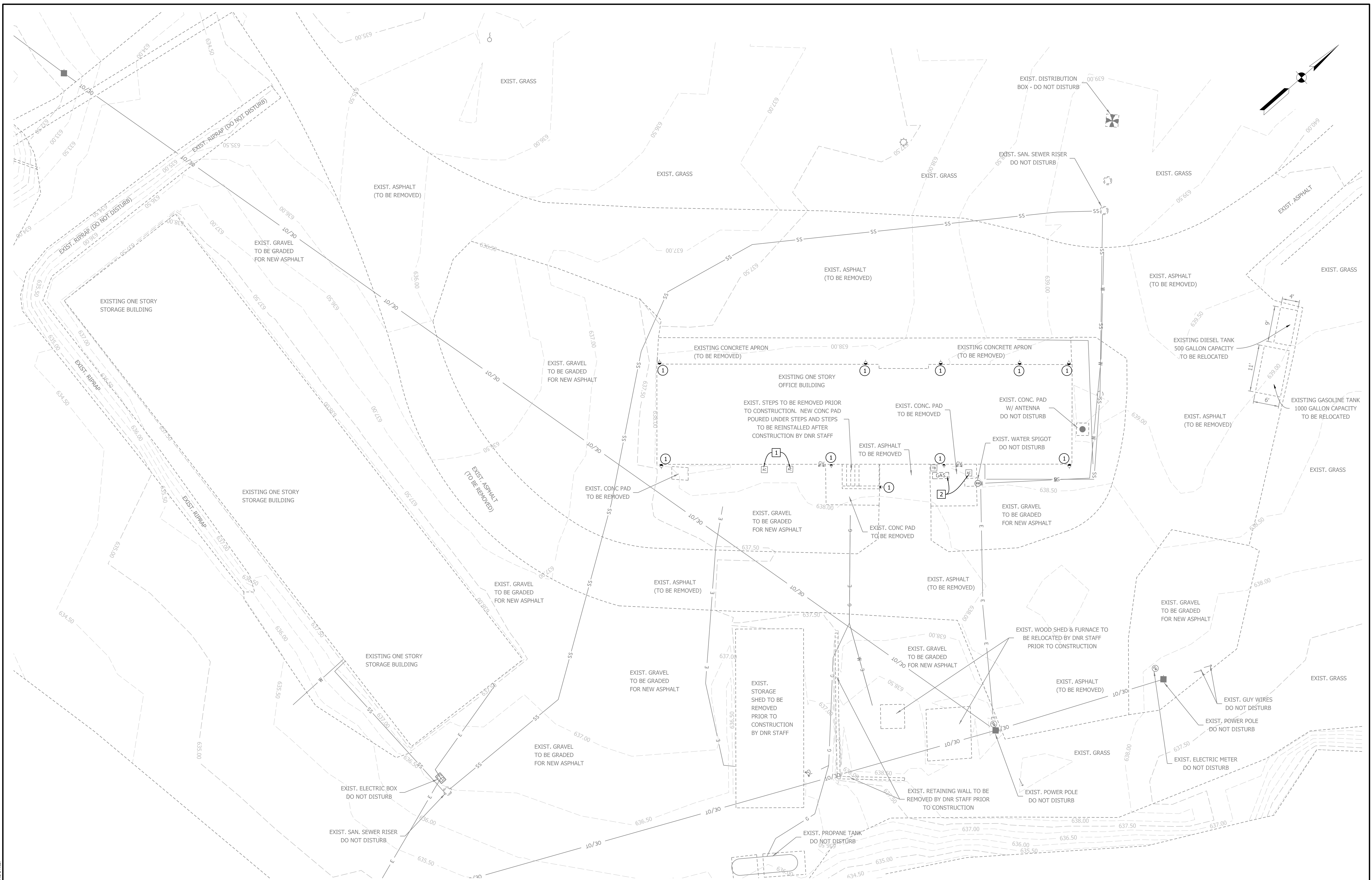
RECOMMENDED FOR APPROVAL: *D. Paul Linko* 9-6-23
DESIGN ENGINEER DATE

DESIGNED: KAM DRAWN: KAM
CHECKED: DPL CHECKED: DPL

INDIANA DEPARTMENT
OF NATURAL RESOURCES

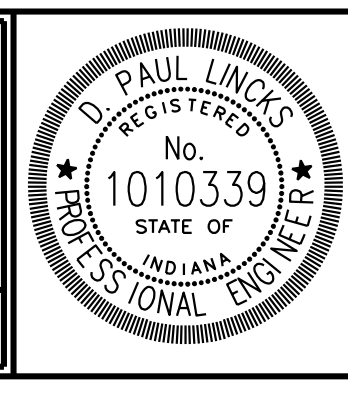
MISCELLANEOUS DETAILS

HORIZONTAL SCALE	BRIDGE FILE
N/A	
VERTICAL SCALE	DESIGNATION
N/A	
SURVEY BOOK	SHEETS
	3 of 9
CONTRACT	PROJECT
	ENG # 2409635013



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- ① EXISTING DOWNSPOUT TO BE DRAINED OFFSITE USING OUTLET PIPE (SEE PROPOSED PLAN)
- ① EXISTING A/C UNITS TO BE REMOVED AND STORED PRIOR TO CONSTRUCTION. TO BE RESET AFTER NEW ASPHALT IS COMPLETED.
- ② EXISTING LP GENERATOR & A/C UNIT TO BE REMOVED AND STORED FOR REMOVAL OF CONCRETE PAD. TO BE RESET AFTER INSTALLATION OF NEW CONCRETE PAD.



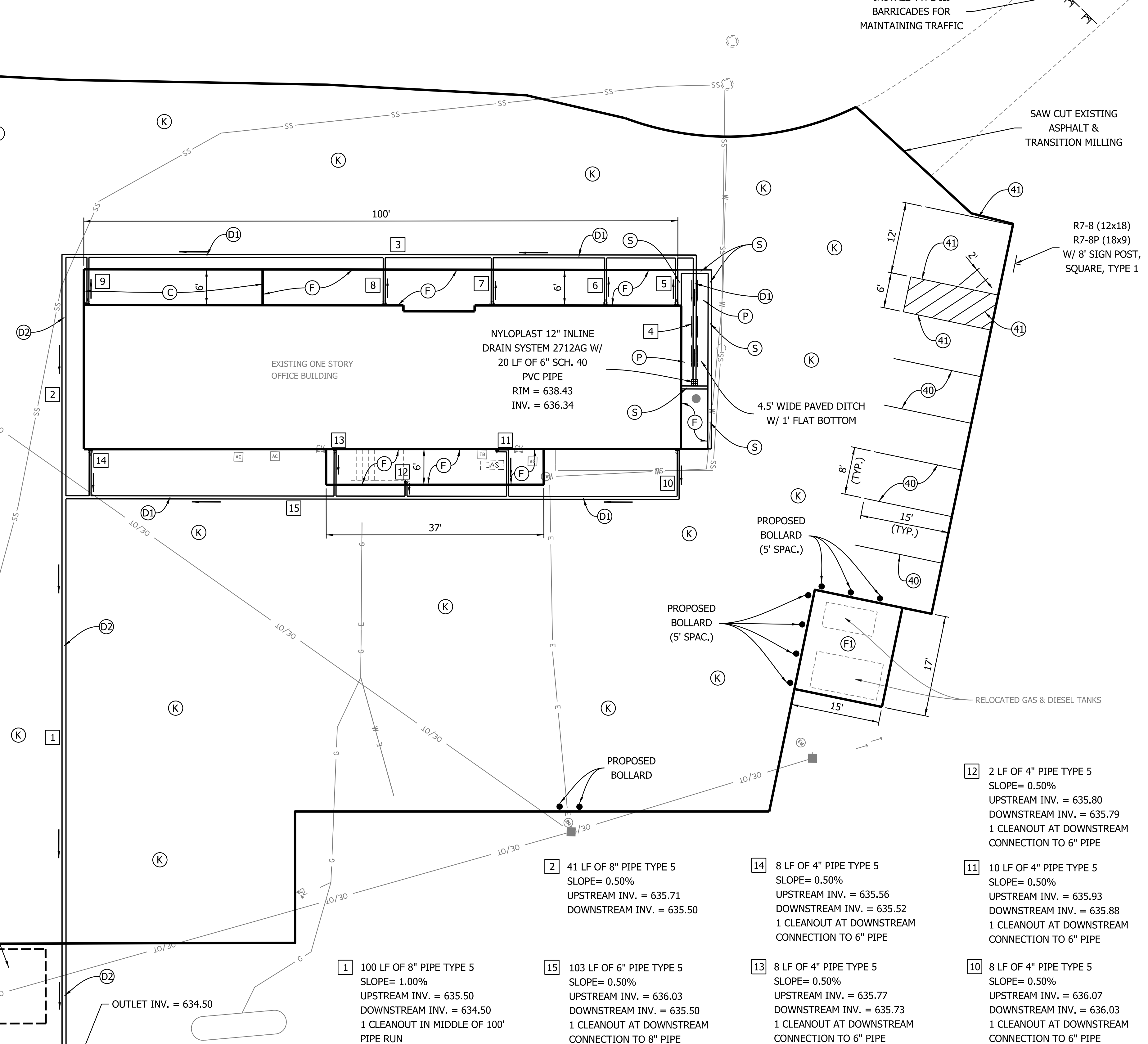
RECOMMENDED FOR APPROVAL <i>D. Paul Lincks</i>		9-6-23
DESIGN ENGINEER		DATE
DESIGNED: KAM	DRAWN: KAM	
CHECKED: DPL	CHECKED: DPL	

**INDIANA DEPARTMENT
OF NATURAL RESOURCES**

**EXISTING SITE PLAN
JACKSON - WASH OFFICE SITE**

HORIZONTAL SCALE	BRIDGE FILE
1" = 10'	
VERTICAL SCALE	DESIGNATION
N/A	
SURVEY BOOK	SHEETS
	4 of 9
CONTRACT	PROJECT
	ENG # 2409635013

- 3 106 LF OF 6" PIPE TYPE 5
SLOPE= 0.50%
UPSTREAM INV. = 636.24
DOWNSTREAM INV. = 635.71
1 CLEANOUT AT DOWNSTREAM CONNECTION TO 8" PIPE
- 8 8 LF OF 4" PIPE TYPE 5
SLOPE= 0.50%
UPSTREAM INV. = 636.02
DOWNSTREAM INV. = 635.98
1 CLEANOUT AT DOWNSTREAM CONNECTION TO 6" PIPE
- 6 8 LF OF 4" PIPE TYPE 5
SLOPE= 0.50%
UPSTREAM INV. = 636.21
DOWNSTREAM INV. = 636.17
1 CLEANOUT AT DOWNSTREAM CONNECTION TO 6" PIPE
- 4 20 LF OF 6" PIPE TYPE 5
SLOPE= 0.50%
UPSTREAM INV. = 636.34
DOWNSTREAM INV. = 636.24
1 CLEANOUT AT DOWNSTREAM CONNECTION TO 6" PIPE
- 9 8 LF OF 4" PIPE TYPE 5
SLOPE= 0.50%
UPSTREAM INV. = 635.77
DOWNSTREAM INV. = 635.73
1 CLEANOUT AT DOWNSTREAM CONNECTION TO 6" PIPE
- 7 8 LF OF 4" PIPE TYPE 5
SLOPE= 0.50%
UPSTREAM INV. = 636.11
DOWNSTREAM INV. = 636.07
1 CLEANOUT AT DOWNSTREAM CONNECTION TO 6" PIPE
- 5 8 LF OF 4" PIPE TYPE 5
SLOPE= 0.50%
UPSTREAM INV. = 636.26
DOWNSTREAM INV. = 636.22
1 CLEANOUT AT DOWNSTREAM CONNECTION TO 6" PIPE



PLACE BOLLARDS ALONG BUILDING EDGE @ ALL GARAGE DOORS AND DOORWAYS. SHOWN AT APPROX. LOCATION. PLEASE VERIFY LOCATION WITH IDNR ON SITE STAFF.

PLACE BOLLARDS ALONG BUILDING EDGE @ ALL GARAGE DOORS AND DOORWAYS. SHOWN AT APPROX. LOCATION. PLEASE VERIFY LOCATION WITH IDNR ON SITE STAFF.

PLACE BOLLARDS ALONG BUILDING EDGE @ ALL GARAGE DOORS AND DOORWAYS. SHOWN AT APPROX. LOCATION. PLEASE VERIFY LOCATION WITH IDNR ON SITE STAFF.

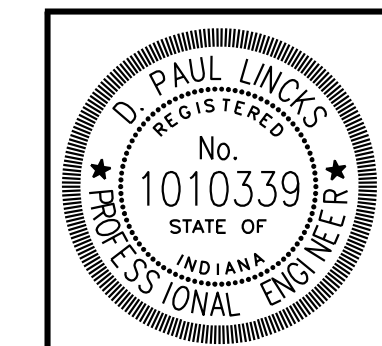
ALL DISTURBED AREAS OUTSIDE OF PAVEMENT TO BE GRADED, TOP SOIL APPLIED, AND SEEDED WITH MULCHED SEEDING, R.

RELOCATED FURNACE SHOWN IN APPROX. LOCATION DO NOT DISTURB

RELOCATED WOOD SHED SHOWN IN APPROX. LOCATION DO NOT DISTURB

D1	6" PIPE TYPE 5	41	LINE, THERMOPLASTIC, SOLID, BLUE, 4 IN.	P	PAVED DITCH, TYPE E MOD.
D2	8" PIPE TYPE 5	K	FULL DEPTH HMA PAVEMENT 165 #/SYD HMA SURFACE TYPE B ON 275 #/SYD HMA INTERMEDIATE TYPE B ON 6" COMPACTED AGGREGATE NO. 53 ON GEOGRID TYPE 1B	S	CONCRETE, CURB
F	CONCRETE, SIDEWALK, 4 IN.	C	PCCP FOR APPROACHES, 6 IN. ON DENSE GRADE SUBBASE ON SUBGRADE TREATMENT, TYPE II		
F1	CONCRETE PAD FOR GAS & DIESEL TANKS				
40	LINE, THERMOPLASTIC, SOLID, WHITE, 4 IN.				

2 TON OF REVETMENT RIPRAP & 3 SYS OF GEOTEXTILES FOR RIPRAP TYPE 1B

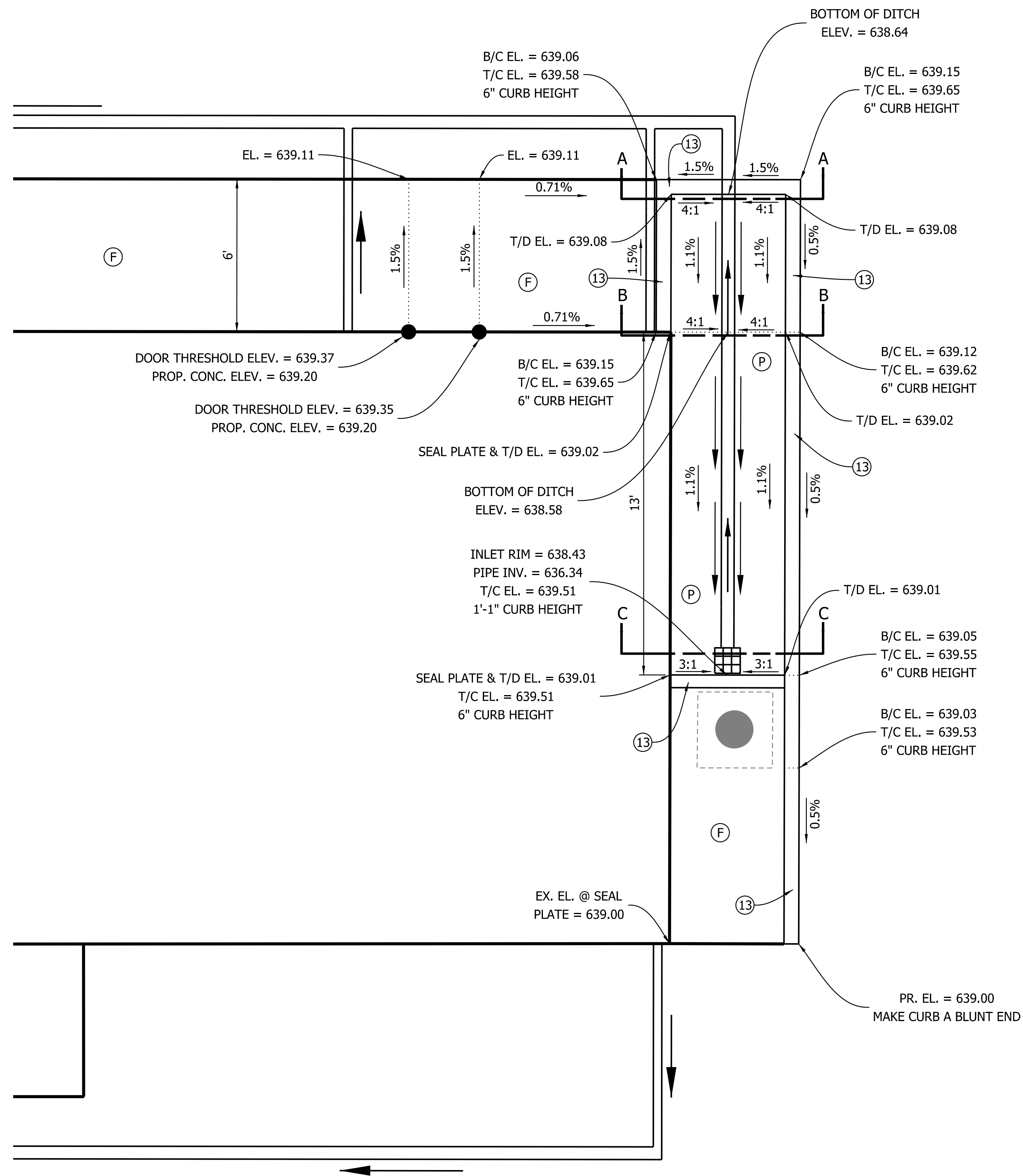
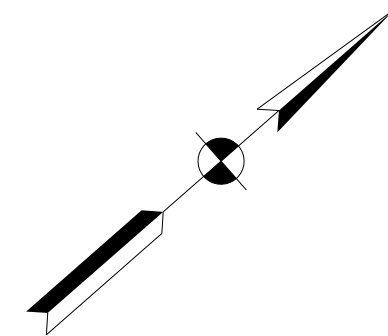


RECOMMENDED FOR APPROVAL	<i>D. Paul Linkins</i>	DESIGN ENGINEER	9-6-23	DATE
DESIGNED:	KAM	DRAWN:	KAM	
CHECKED:	DPL	CHECKED:	DPL	

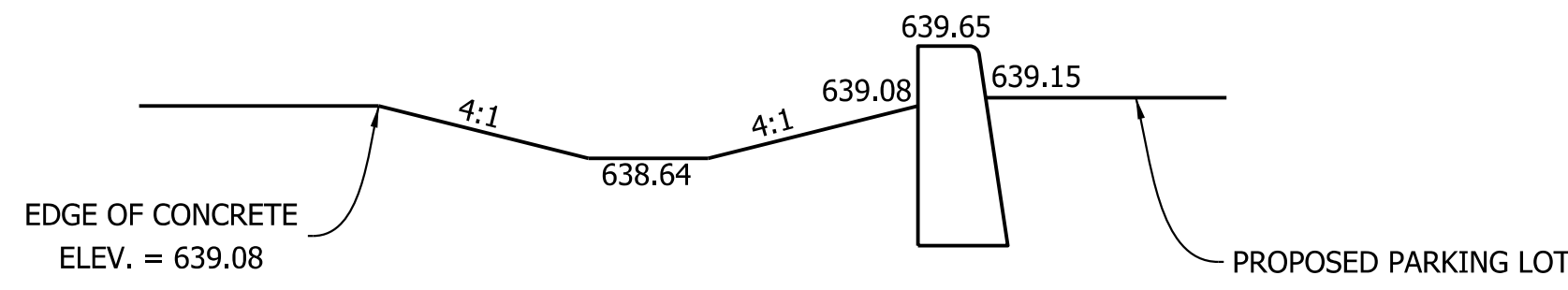
INDIANA DEPARTMENT OF NATURAL RESOURCES
**PROPOSED SITE PLAN
JACKSON - WASH. OFFICE SITE**

HORIZONTAL SCALE	1" = 10'	BRIDGE FILE
VERTICAL SCALE	N/A	DESIGNATION
SURVEY BOOK		SHEETS
CONTRACT		5 of 9
		PROJECT
		ENG # 2409635013

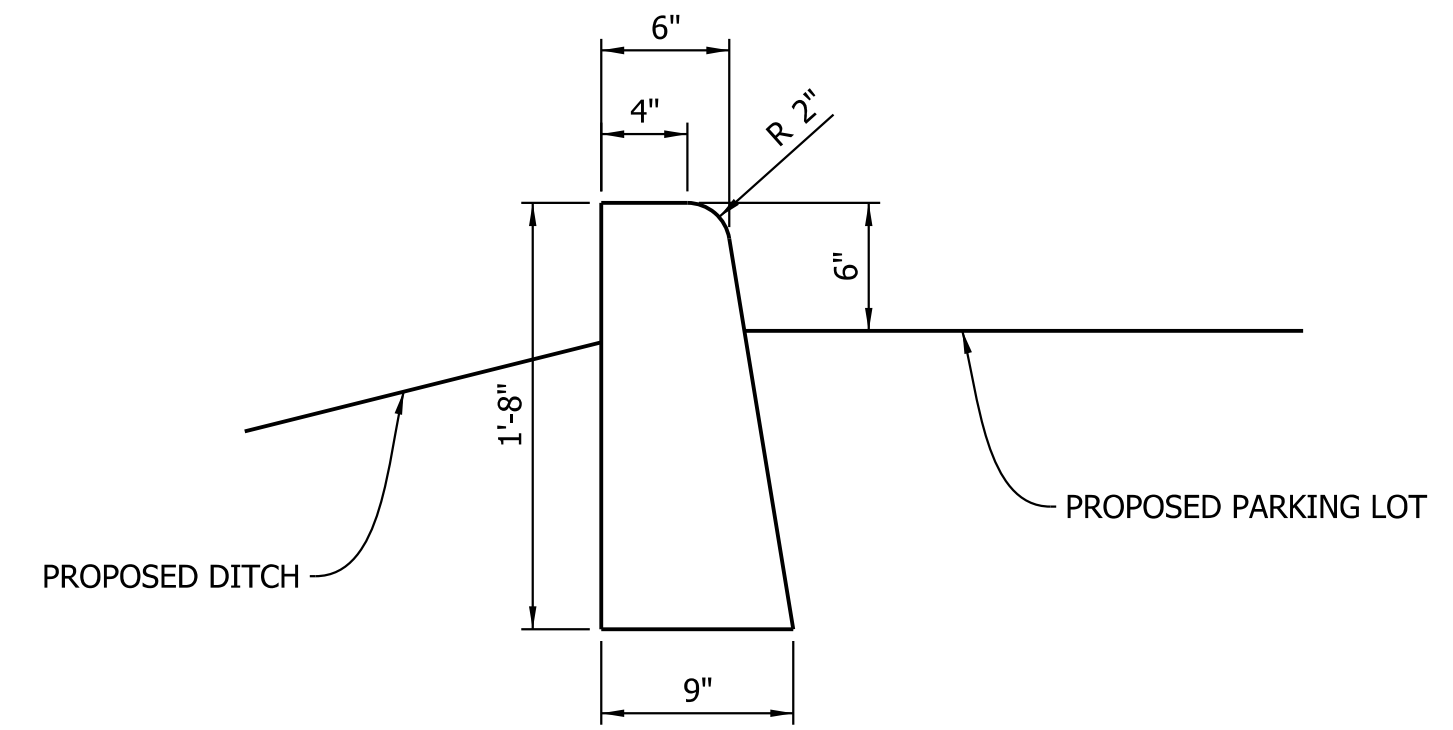
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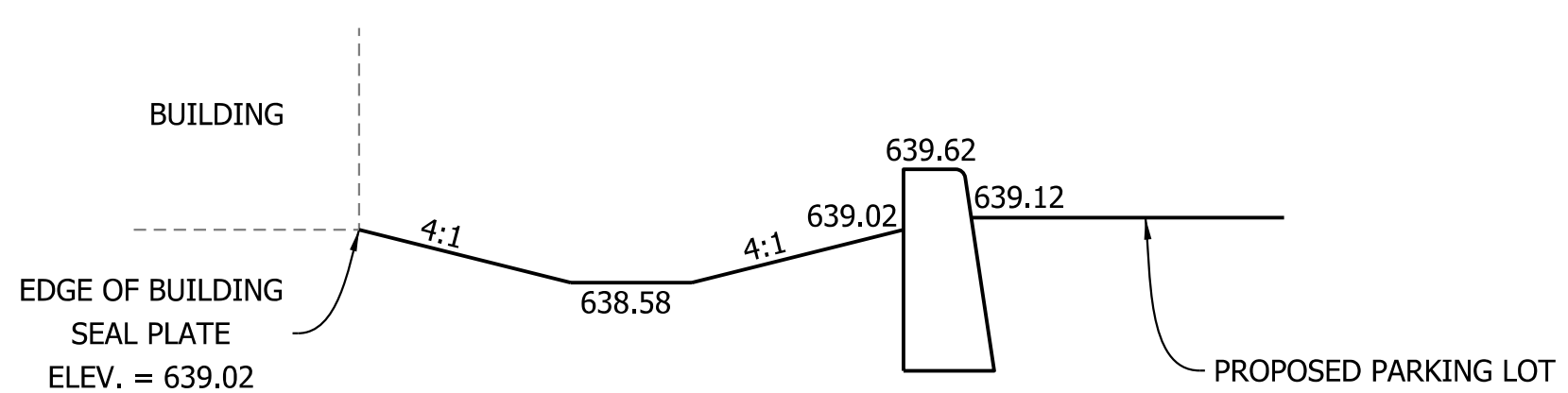
Plan View
Scale: 1" = 3'



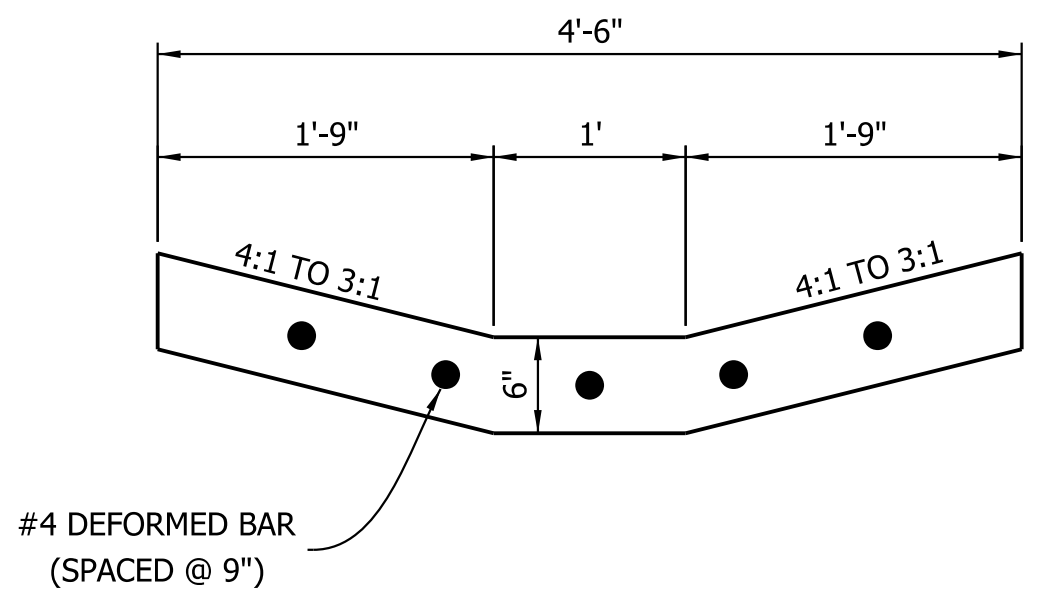
Section A-A
Not to Scale



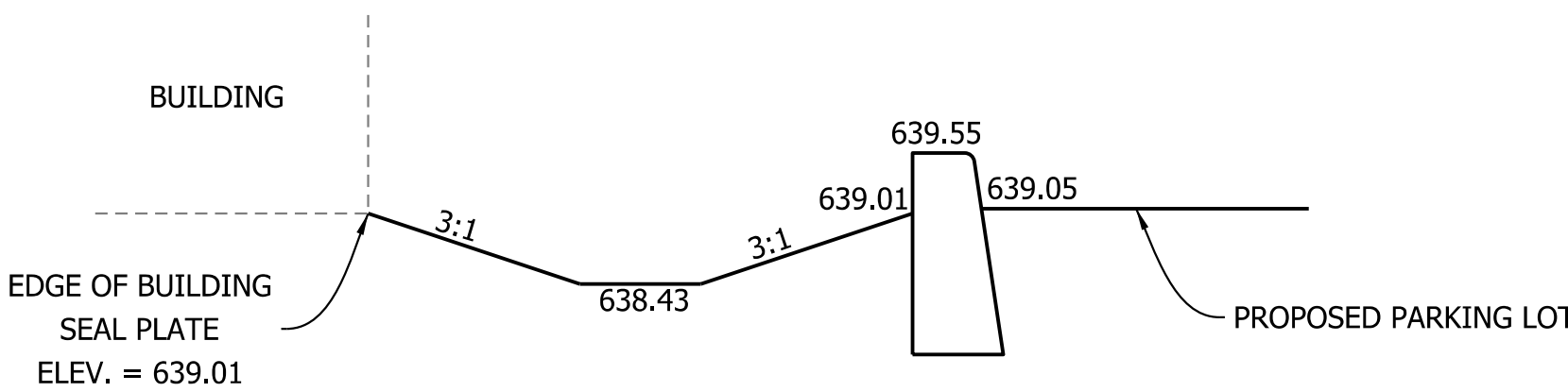
Concrete, Curb Detail
Not to Scale



Section B-B
Not to Scale



Paved Ditch
Detail - Type E Mod.
Not to Scale

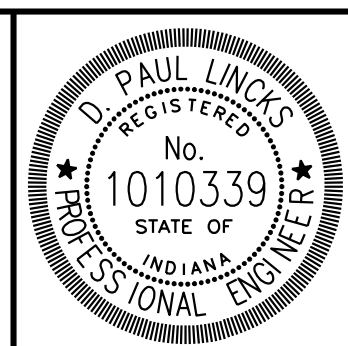


Section C-C
Not to Scale

- (F) SIDEWALK, CONCRETE, 4 IN.
- (13) CONCRETE, CURB
- (P) PAVED DITCH, TYPE E MOD.

PR. EL. = PROPOSED ELEVATION
EX. EL. = EXISTING ELEVATION
B/C EL. = BOTTOM OF CURB ELEVATION
T/C EL. = TOP OF CURB ELEVATION
T/D EL. = TOP OF DITCH ELEVATION

NOTE:
TOP OF DITCH SHALL BE BELOW SEAL PLATE.
CONTRACTOR SHALL MAKE ELEVATION ADJUSTMENTS
AS NECESSARY.



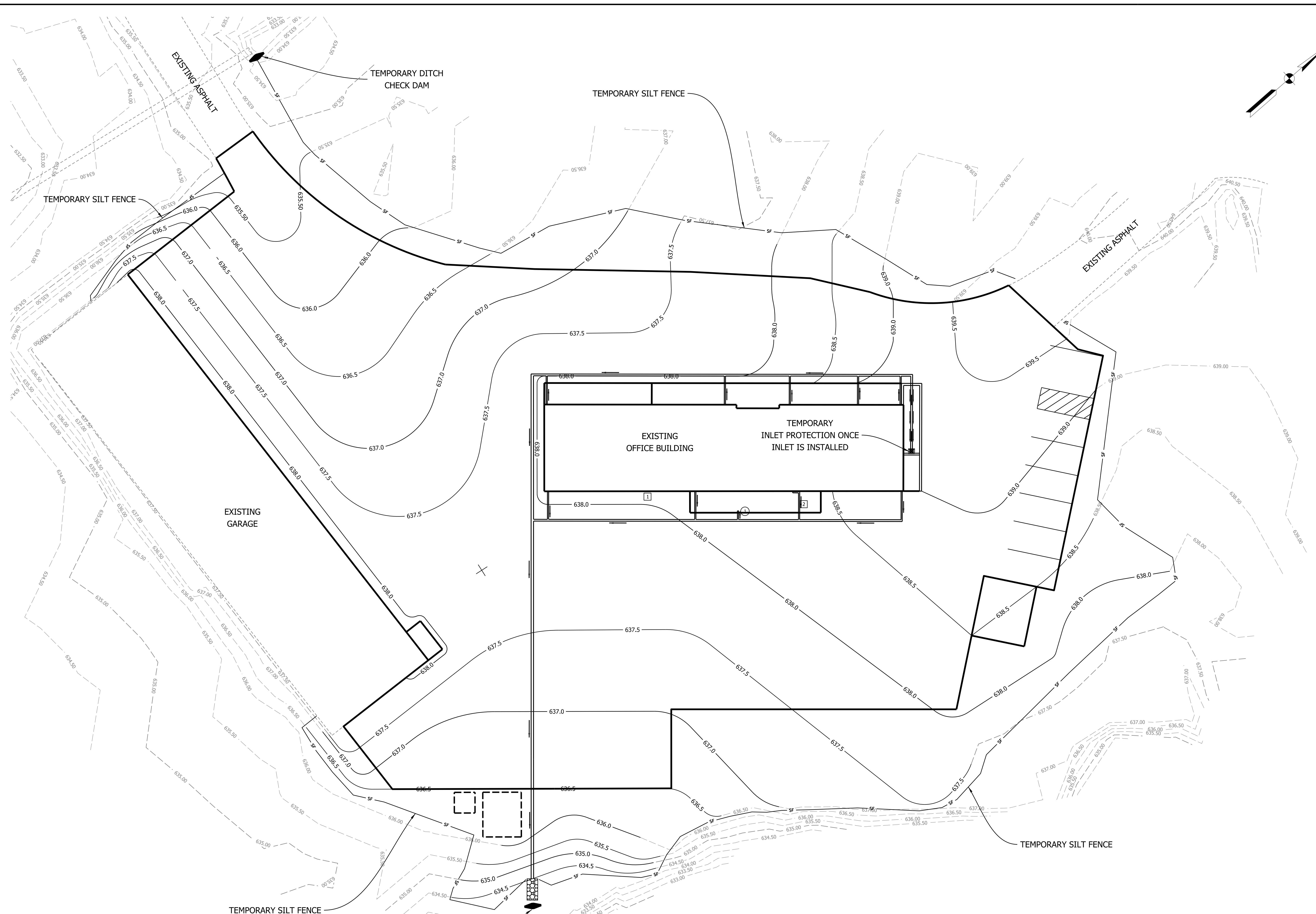
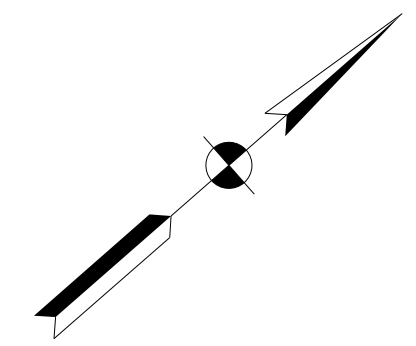
RECOMMENDED FOR APPROVAL	<i>D. Paul Links</i>	DESIGN ENGINEER	DATE
DESIGNED:	KAM	DRAWN:	KAM
CHECKED:	DPL	CHECKED:	DPL

INDIANA DEPARTMENT
OF NATURAL RESOURCES

PAVED DITCH DETAILS

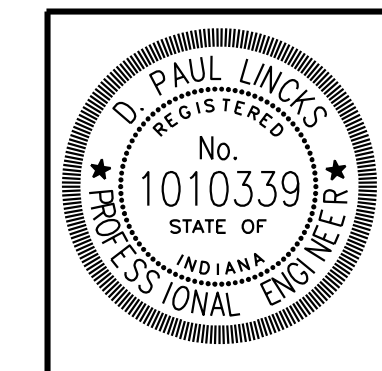
HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	DESIGNATION
VERTICAL SCALE	
SURVEY BOOK	SHEETS
CONTRACT	7 of 9
	PROJECT
	ENG # 2409635013

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ALL DISTURBED AREAS OUTSIDE OF PAVEMENT TO BE GRADED, TOP SOIL APPLIED, AND SEEDED WITH MULCHED SEEDING, R.

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 112



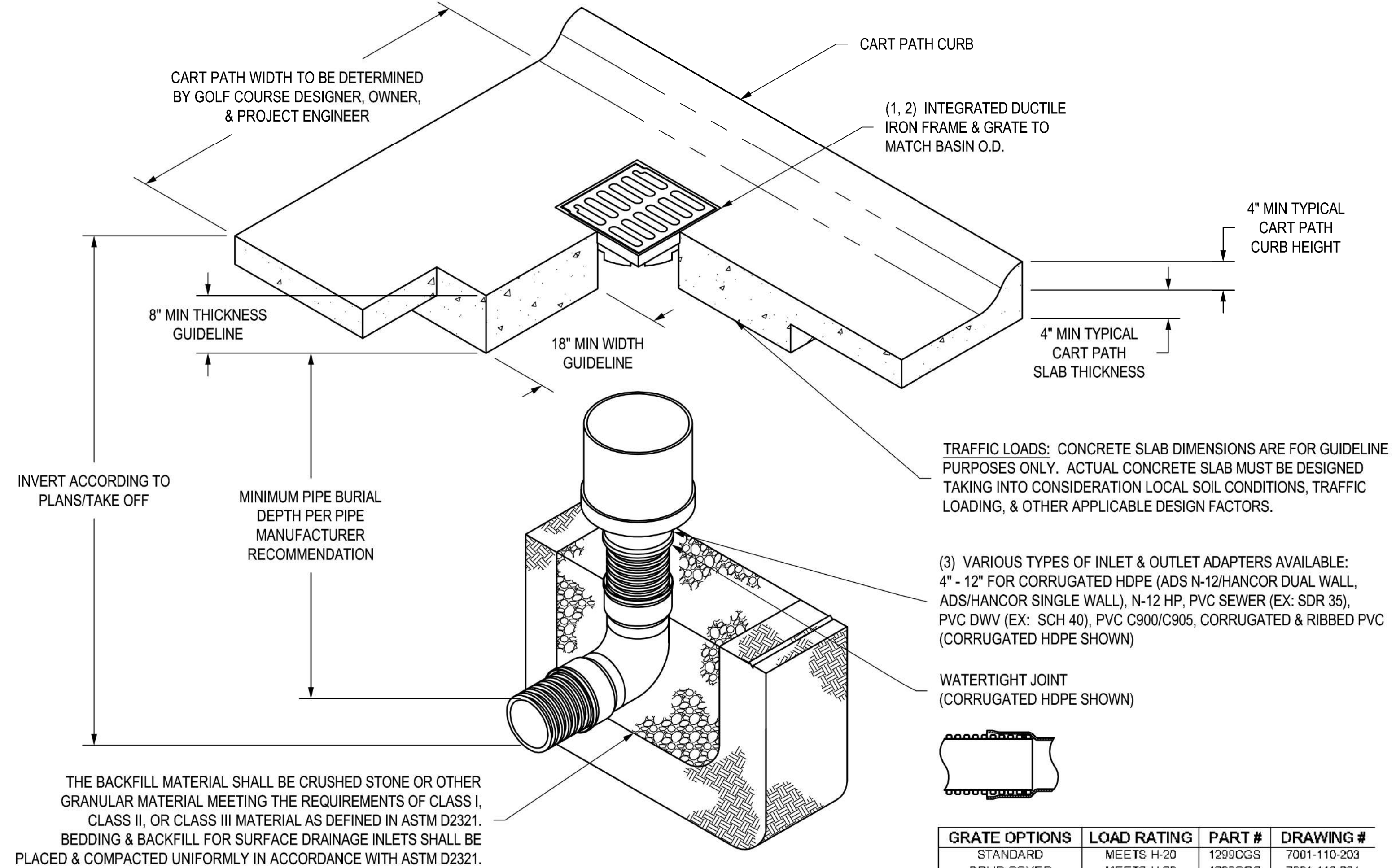
RECOMMENDED FOR APPROVAL	<i>D. Paul Links</i>	DESIGN ENGINEER	9-6-23
DESIGNED:	KAM	DRAWN:	KAM
CHECKED:	DPL	CHECKED:	DPL

INDIANA DEPARTMENT OF NATURAL RESOURCES

EROSION CONTROL PLAN
JACKSON - WASH OFFICE SITE

HORIZONTAL SCALE	BRIDGE FILE
NOT TO SCALE	DESIGNATION
VERTICAL SCALE	N/A
SURVEY BOOK	SHEETS
CONTRACT	8 of 9
	PROJECT
	ENG # 2409635013

NYLOPLAST 12" INLINE DRAIN: 2712AG __ X



- 1 - STANDARD GRATE/SOLID COVER SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
- 2 - FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
- 3 - DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL), N-12 HP, & PVC SEWER.

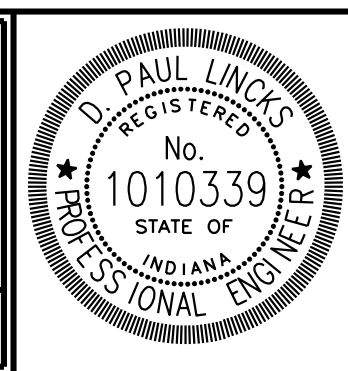
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GRATE OPTIONS	LOAD RATING	PART #	DRAWING #
STANDARD	MEETS H-20	1299CGS	7001-110-203
SOLID COVER	MEETS H-20	1299CGC	7001-110-204

DRAWN BY EBC	MATERIAL	ADS Nyloplast	3130 VERONA AVE BUFORD, GA 30518 PHN (770) 932-2443 FAX (770) 932-2490 www.nyloplast-us.com
DATE 07-31-07			
REVISED BY NMH	PROJECT NO./NAME	TITLE	
DATE 03-16-16		12 IN INLINE DRAIN GOLF COURSE CART PATH INSTALLATION DETAIL	
DWG SIZE A	SCALE 1:20	SHEET 1 OF 1	DWG NO. 7003-110-039
			REV D

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RECOMMENDED FOR APPROVAL	<i>D. Paul Links</i>	9-6-23
DESIGNED:	KAM	DRAWN:
CHECKED:	DPL	CHECKED:

INDIANA DEPARTMENT
OF NATURAL RESOURCES

NYLOPLAST DRAIN
SYSTEM DETAIL

HORIZONTAL SCALE	BRIDGE FILE
N/A	DESIGNATION
VERTICAL SCALE	
N/A	
SURVEY BOOK	SHEETS
	9 of 9
CONTRACT	PROJECT
	ENG # 2409635013