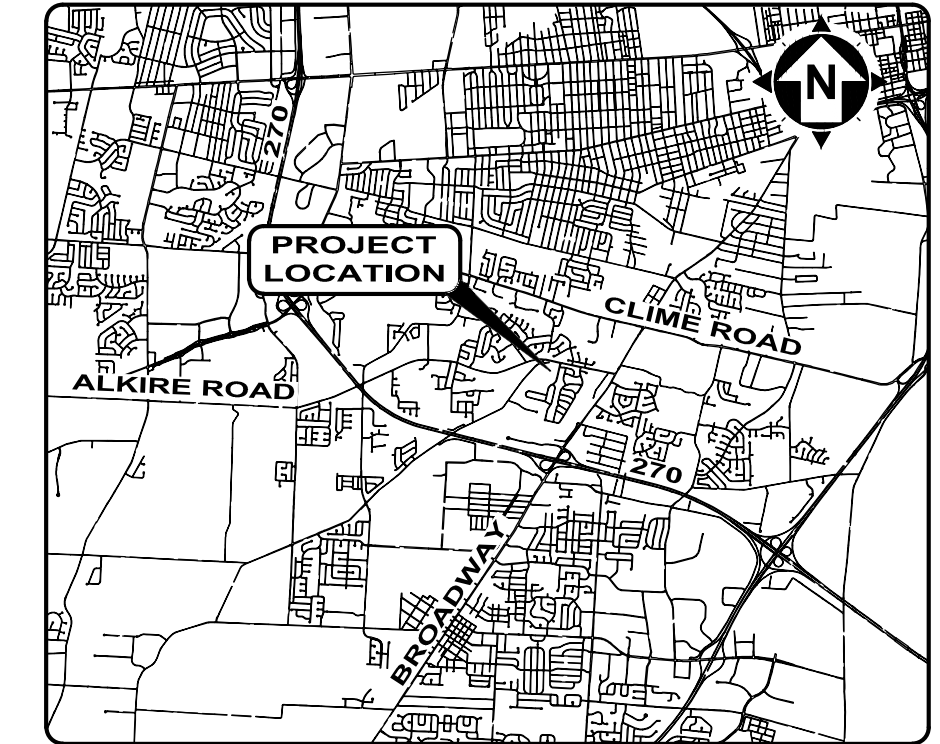


- PRIVATE STORM SEWER & STORMWATER FACILITIES FOR -
2779 ALKIRE ROAD
CHURCH OF CHRIST (CONTRACT B)
 CITY OF COLUMBUS, FRANKLIN COUNTY, OHIO
MAY, 2024

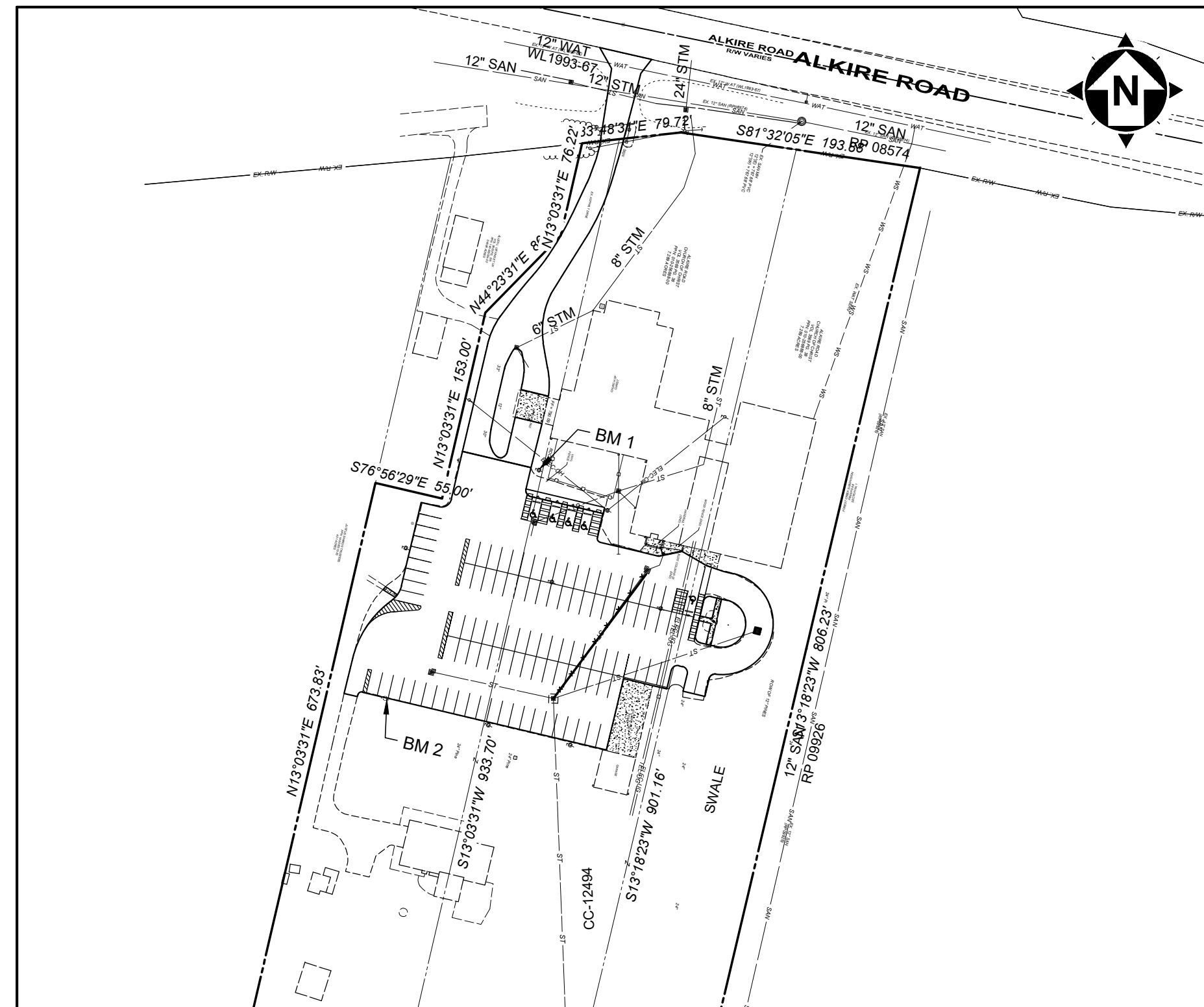


LOCATION MAP
NTS

BENCH MARKS (NAVD 1988)		
NO.	DESCRIPTION	ELEV
BM1	SOUTHWEST NUT ON THE LIGHT POLE, NORTHWEST CORNER OF PARKING LOT NORTHING: 698253.4832 EASTING: 1806682.809	793.28
BM2	NORTHEAST NUT ON THE LIGHT POLE, SOUTHWEST CORNER OF THE PARKING LOT NORTHING: 698068.8691 EASTING: 1806559.282	797.83

SOURCE OF TOPOGRAPHY: TOPOGRAPHIC SURVEY WAS PERFORMED BY CT CONSULTANTS, SEPTEMBER 2022, FOR ALKIRE ROAD CHURCH OF CHRIST.

STANDARD CONSTRUCTION DRAWINGS		
THE CURRENT STANDARD CONSTRUCTION DRAWINGS FOR EACH MUNICIPALITY OR UTILITY LISTED BELOW SHALL BE CONSIDERED AS PART OF THIS SET THEREOF.		
CITY OF COLUMBUS		ODOT
AA-S102	AA-S149	DM-101
AA-S112	AA-S150	
AA-S134A	AA-S151	
AA-S139	AA-S153	
AA-S145	1441	



INDEX MAP
 100' 0' 100'
 SCALE: 1" = 100'

OWNER
 ALKIRE ROAD CHURCH OF CHRIST
 2779 ALKIRE ROAD
 GROVE CITY, OHIO 43123
 PHONE: 614-875-1028

ENGINEER
 CT CONSULTANTS, INC.
 7965 N. HIGH STREET, SUITE 340
 COLUMBUS, OH 43235
 PHONE: 614-779-0038
 CONTACT: ERIC TROYER, PE

NOTE: PROJECT IS LOCATED IN FIRM PANEL 39049C0312k AND IS CLASSIFIED AS "ZONE X - MINIMAL FLOODING HAZARD". EFFECTIVE DATE OF 6/17/2008.

INDEX OF SHEETS	
Sheet Number	Sheet Title
1	COVER SHEET
2	GENERAL NOTES
3	STANDARD DETAILS
4	QUANTITIES
5	EXISTING CONDITIONS - SITE DEMOLITION PLAN
6	SITE PLAN
7	STORM AND GRADING PLAN
8	SWPPP
9	SWPPP NOTES
10	SWPPP DETAILS

EASEMENT REFERENCE			
CITY NO.	COUNTY RECORDER		GRANTOR
	VOL.	PAGE	

REVISIONS		
NO.	DESCRIPTION	APPROVAL/DATE

your trusted advisor
consultants engineers architects planners

Eric J. Troyer
 ERIC J. TROYER, P.E. NO. E-53926
 5-17-24
 DATE

APPROVALS: SIGNATURES BELOW SIGNIFY ONLY CONCURRENCE WITH THE GENERAL PURPOSE AND GENERAL LOCATION OF THE PROJECT. ALL TECHNICAL DETAILS REMAIN THE RESPONSIBILITY OF THE ENGINEER PREPARING THE PLAN. APPROVAL FOR STORM DRAINAGE ONLY. APPROVAL OF THESE PLANS DOES NOT CONSTITUTE ASSURANCE TO OPERATE AS INTENDED. THE REVIEWER DOES NOT ACCEPT RESPONSIBILITY FOR THE INTEGRITY OF THE PLANS.

CITY ENGINEER/ADMINISTRATOR, DIVISION OF DESIGN & CONSTRUCTION _____ DATE _____

ADMINISTRATOR, DIVISION OF SEWERAGE & DRAINAGE _____ DATE _____

ADMINISTRATOR, DIVISION OF POWER _____ DATE _____

ADMINISTRATOR, DIVISION OF WATER _____ DATE _____

PROJECT TITLE:
PRIVATE STORM SEWER AND STORMWATER FACILITIES FOR ALKIRE ROAD CHURCH OF CHRIST
 2779 ALKIRE ROAD
 CITY OF COLUMBUS, OHIO - FRANKLIN COUNTY

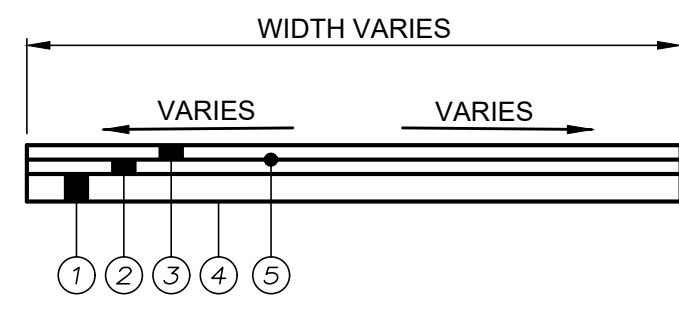
OWNER	
CONTRACTOR	
INSPECTOR	
AGREEMENT	COMPLETED
RPD	CKD
GLD	CON. DR.
INDEX DETAIL	RECORD

CITY OF COLUMBUS DEPARTMENT OF PUBLIC UTILITIES DIVISION OF SEWERAGE AND DRAINAGE
 DIVISION USE ONLY

SCALE: 1" = 100' SHEET: **1/10**

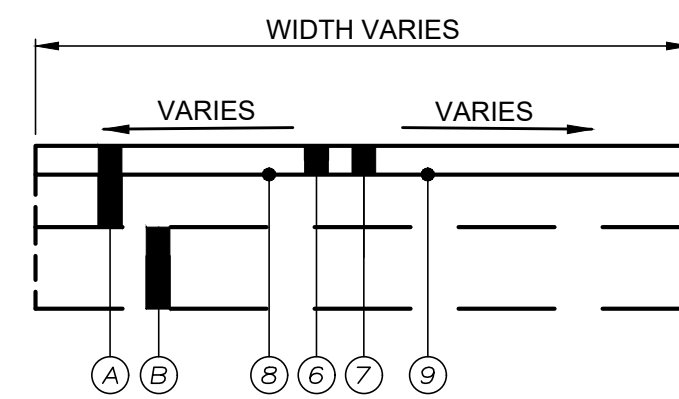
CONTRACT DRAWING NO. **CC-19884** RECORD PLAN NO. _____

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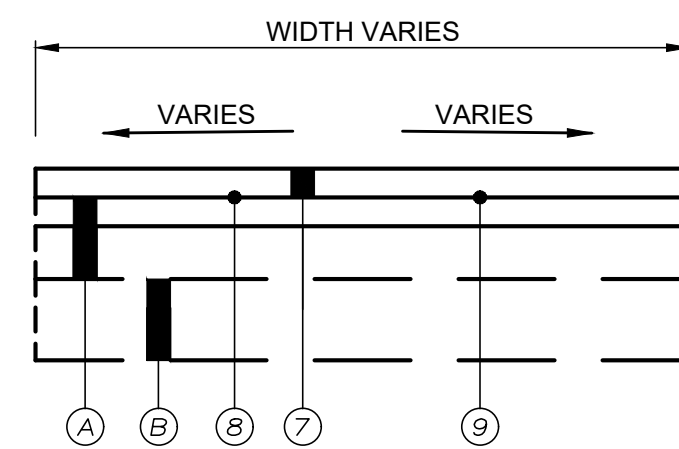
- ① COC ITEM 304 6" AGGREGATE BASE
- ② COC ITEM 441 2 1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), P.G. 64-22
- ③ COC ITEM 441 1 1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), P.G. 64-22
- ④ COC ITEM 204 SUBGRADE COMPACTION
- ⑤ COC ITEM 407 NON-TRACKING TACK COAT

PAVEMENT REPAIR SECTION
NTS



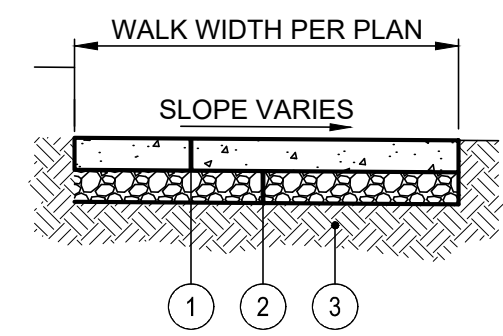
- ④ EXISTING ASPHALT (T=3"+/-)
- ⑤ EXISTING AGGREGATE BASE (T=3"+/-)
- ⑥ COC ITEM 254 PAVEMENT PLANING ASPHALT CONCRETE (THICKNESS VARIES FROM 0" TO 1.25")
- ⑦ COC ITEM 441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), P.G. 64-22 (T=1.25")
- ⑧ COC ITEM 407 NON-TRACKING TACK COAT
- ⑨ COC ITEM 423 CRACK SEALING, TYPE III (AT CRACKS)

RESURFACING SECTION
NTS



- ④ EXISTING ASPHALT (T=3"+/-)
- ⑤ EXISTING AGGREGATE BASE (T=3"+/-)
- ⑦ COC ITEM 441 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), P.G. 64-22 (T=1.25")
- ⑧ COC ITEM 407 NON-TRACKING TACK COAT
- ⑨ COC ITEM 423 CRACK SEALING, TYPE III (AT CRACKS)

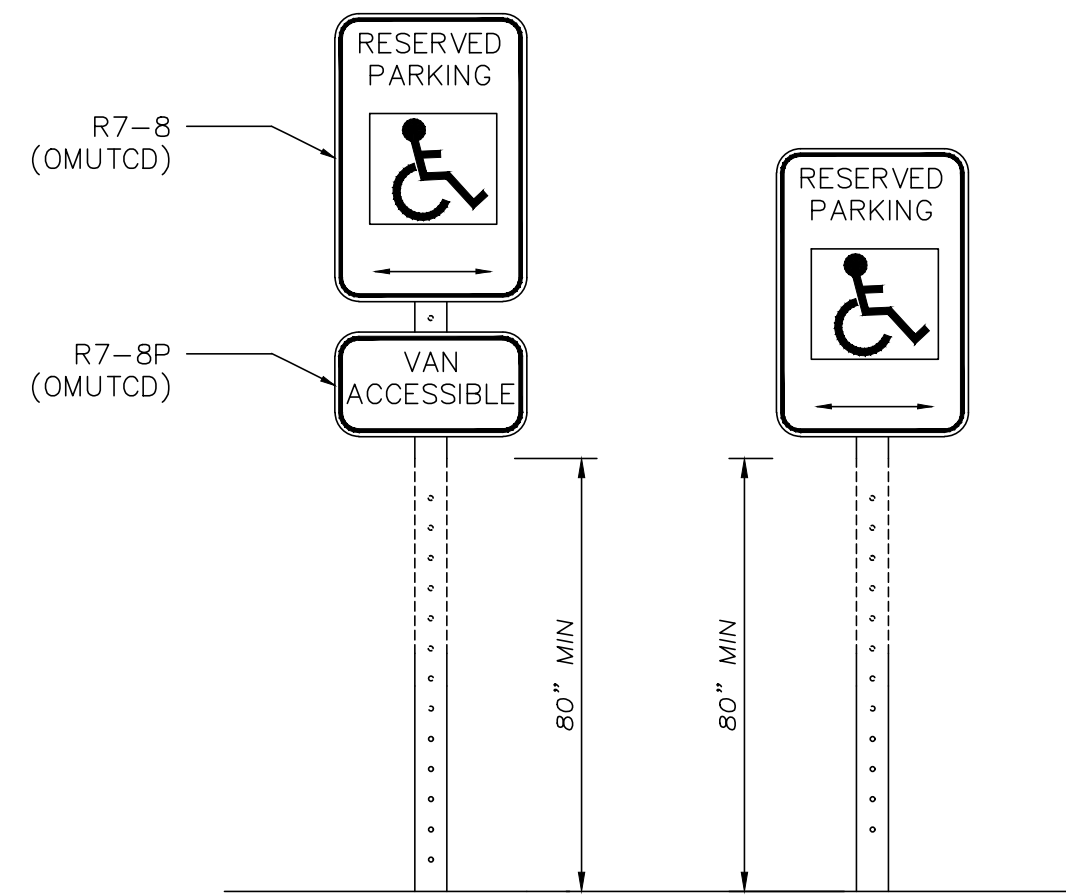
OVERLAY SECTION
NTS



PAVEMENT SECTION BASED ON TYPICAL SITE CONDITIONS. ANY AREAS OF BAD SOILS MUST BE REMOVED AND RECOMPACTED TO 95% MODIFIED PROCTOR.

- ① COC ITEM 608 4" CONCRETE WALK
- ② COC ITEM 304 4" AGGREGATE BASE
- ③ COC ITEM 204 PROOF-ROLLED SUBGRADE

PRIVATE SIDEWALK SECTION
NTS



NOTE:

1. ONE ACCESSIBLE PARKING SPACE FOR EVERY SIX OR FRACTION THEREOF SHALL BE DESIGNATED AS "VAN ACCESSIBLE." LOCATION AS NOTED ON THE DRAWINGS.
2. ONE SIGN TO BE INSTALLED AT EACH ACCESSIBLE PARKING SPACE.

ACCESSIBLE PARKING SIGN DETAIL
NTS

GENERAL NOTES

1. U-TYPE FLANGED STEEL SIGN POST SET IN EARTH IF OUTSIDE PAVEMENT EDGE, OR IN CONCRETE TO A MINIMUM DEPTH OF 3'-0" IF WITHIN PAVEMENT.

R7-8 NOTES

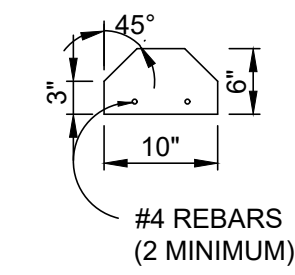
1. 12"x18"x16 GA. STEEL SIGN
2. GREEN LETTERING, BORDER, AND ARROW WITH WHITE BACKGROUND. WHITE HANDICAP SYMBOL IN BLUE BOX.

R7-8P NOTES

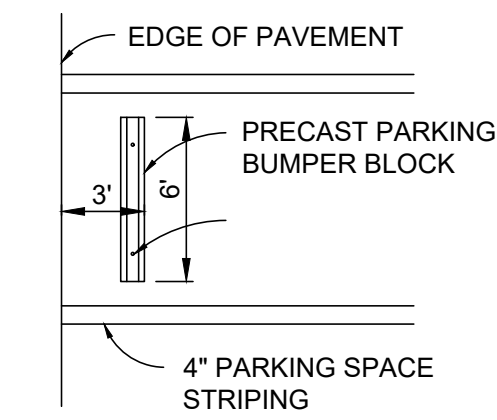
1. 12"x6"x16 GA. STEEL SIGN
2. GREEN LETTERING AND BORDER WITH WHITE BACKGROUND.

R7-H8bP NOTES

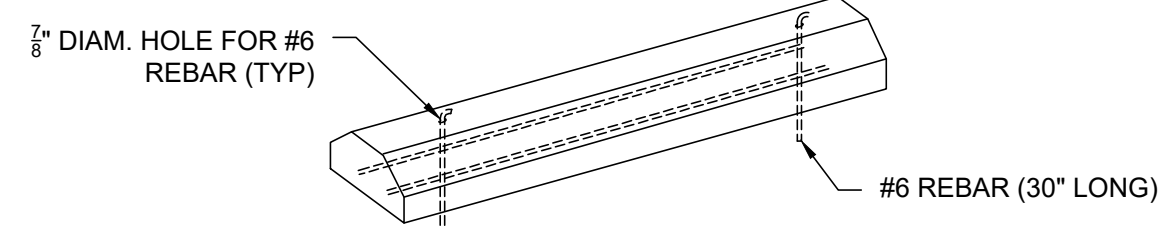
1. 12"x6"x16 GA. STEEL SIGN
2. GREEN LETTERING AND BORDER WITH WHITE BACKGROUND.



X-SECTION
NTS

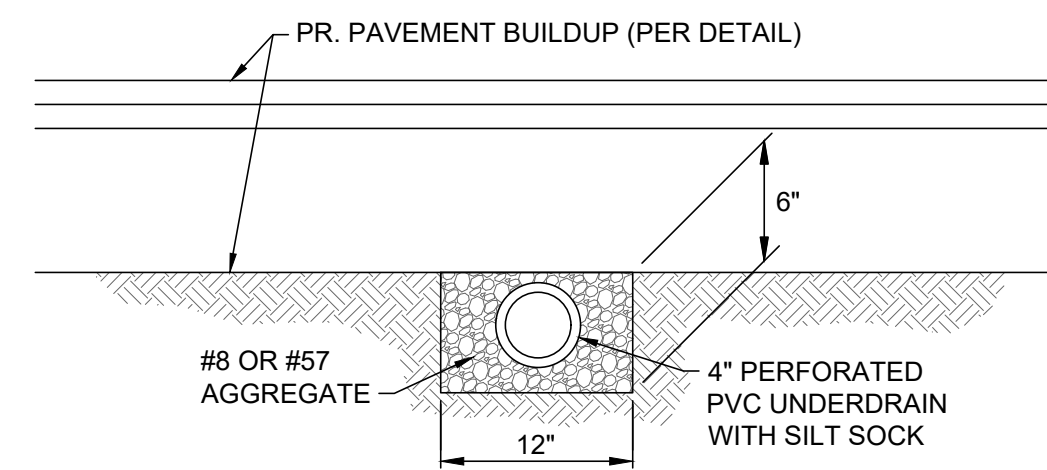


PLACEMENT PLAN
NTS



PARKING BLOCK DETAIL
NTS

NOTE: ALL REINFORCING BARS SHALL BE EPOXY COATED



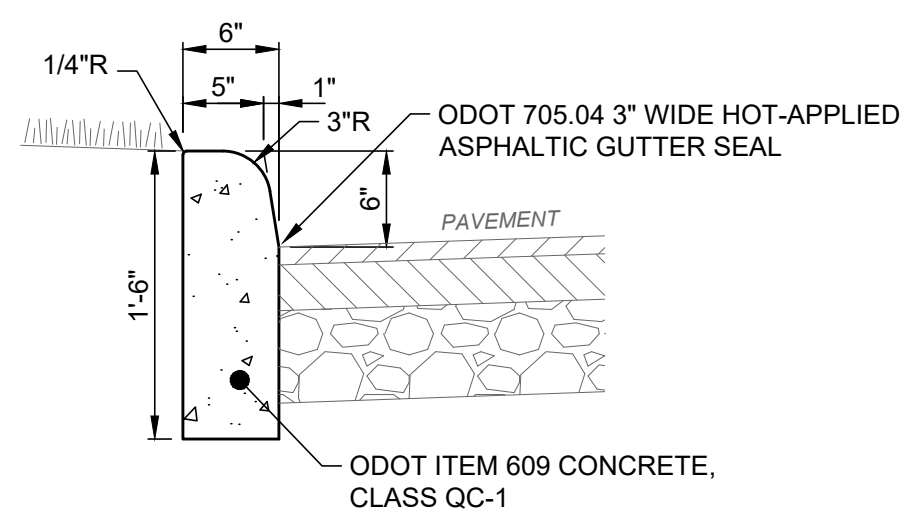
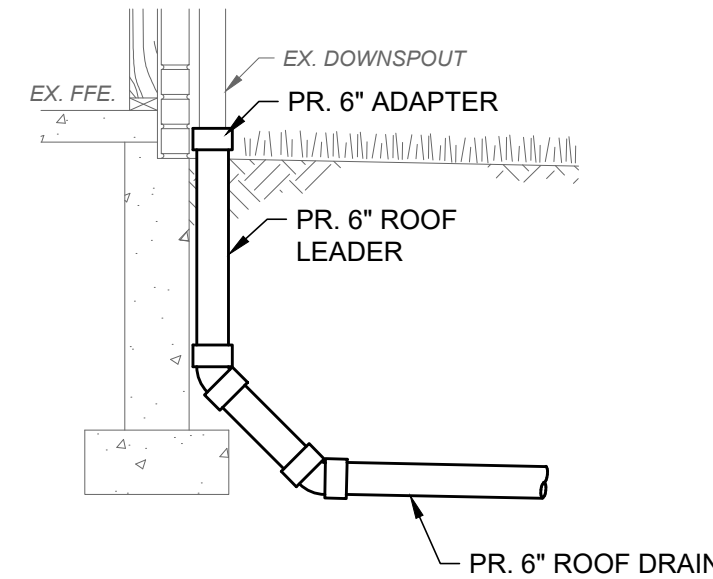
SUBGRADE UNDERDRAIN TRENCH DETAIL
NTS

INSTALL 10 FOOT LENGTHS OF 4" PERFORATED P.V.C. UNDERDRAIN AT ALL STRUCTURES WITHIN PAVEMENT AREAS PER THE ABOVE DETAIL. THE UNDERDRAIN IS TO BE INSTALLED AT A 1.00% GRADE TOWARD THE STRUCTURE, WITH THE UPSTREAM END PLUGGED, AND THE INVERT AT THE STRUCTURE 18" BELOW THE PROPOSED RIM ELEVATION. THE UNDERDRAIN SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC AFTER INSTALLATION.

NOTES:

1. SEE PLAN FOR ACTUAL DIMENSIONS AND INVERTS.

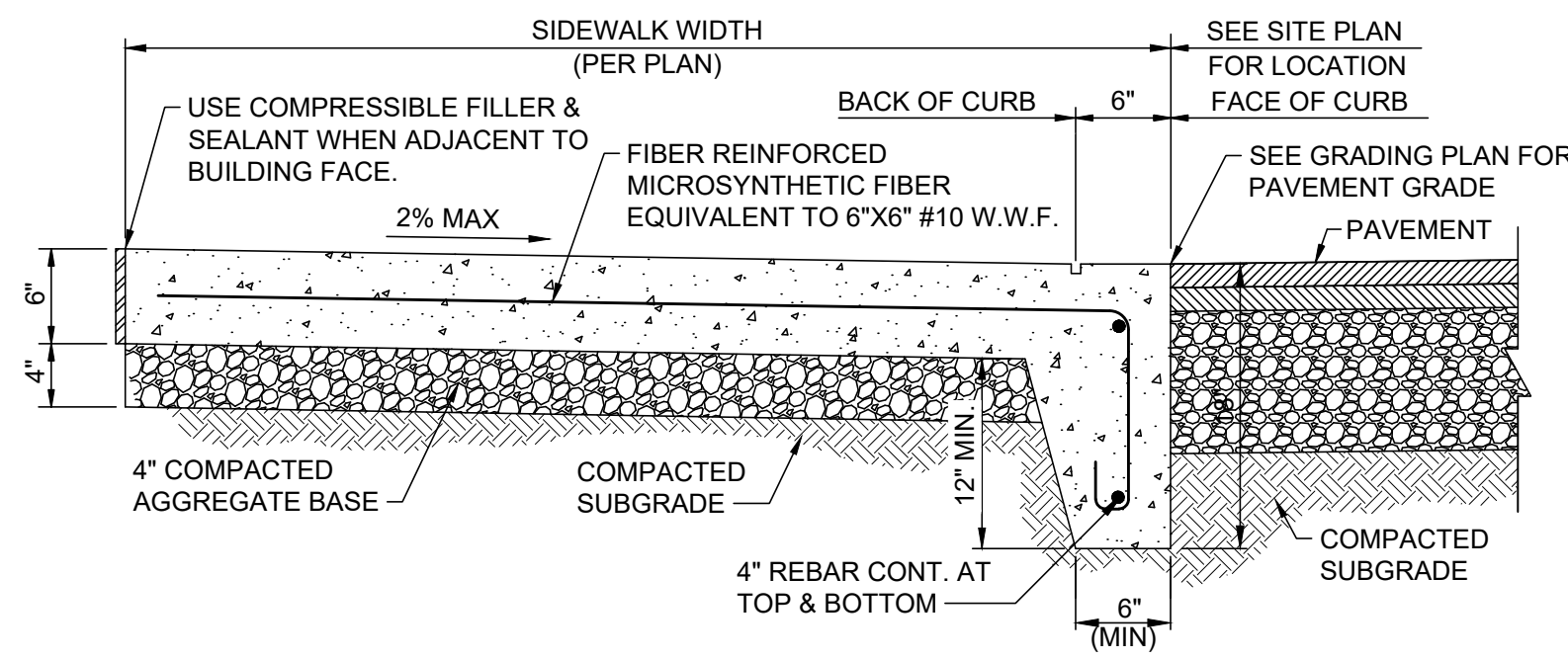
BUILDING ROOF LEADER STUB DETAIL
NTS



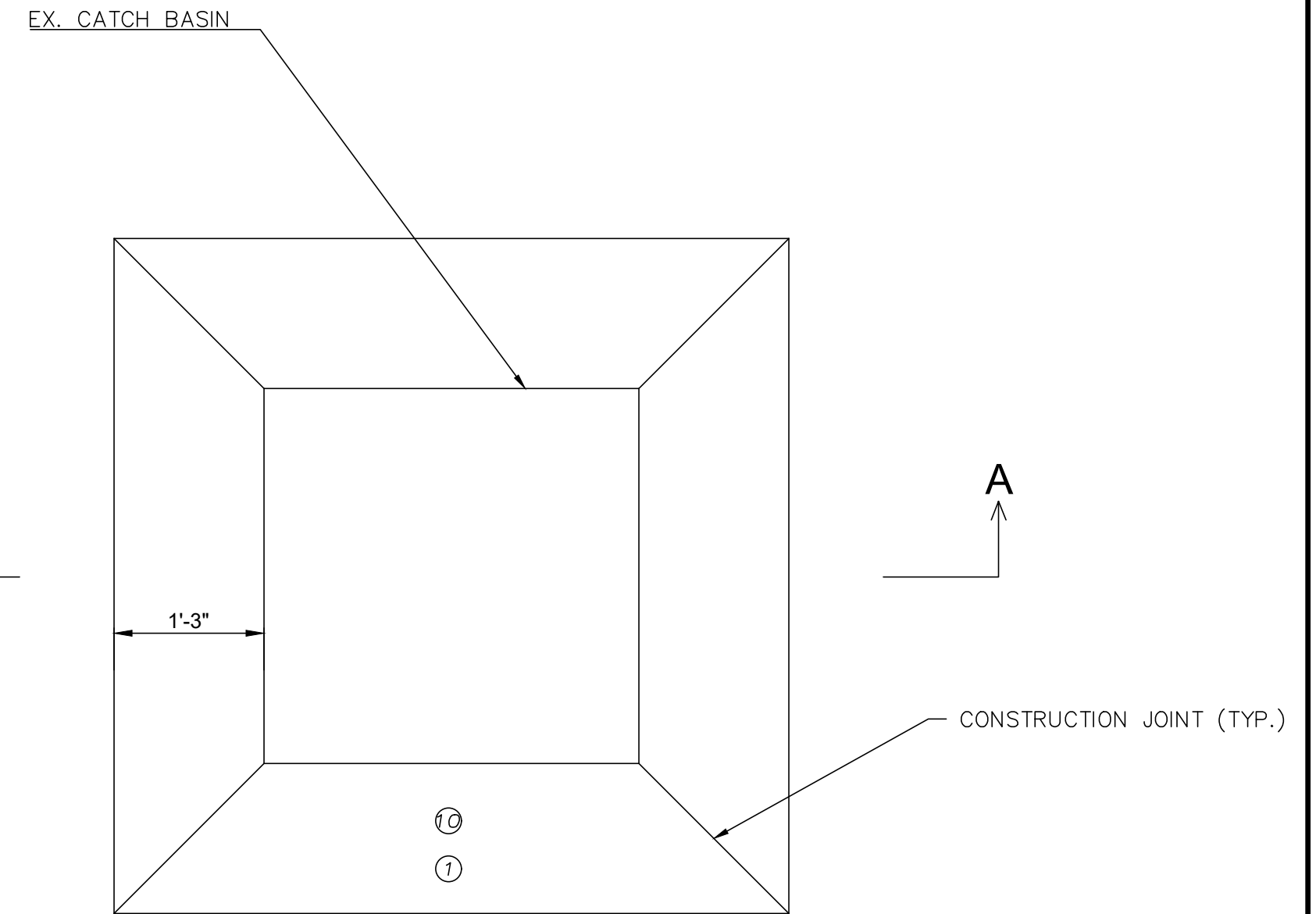
NOTES:

1. INSTALL 1/2" PREFORMED JOINT MATERIAL AND USE DOWELS INTO COLD JOINTS TOP AND BOTTOM WHERE NEW CURB MEETS EXISTING CURB.
2. PROVIDE CONTRACTION JOINTS AT 10' O.C.
3. APPLY LIQUID-MEMBRANE CURING COMPOUND.

**(ODOT TYPE 6)
6" VERTICAL CURB DETAIL**
SCALE: NONE



ADA FLUSH INTEGRAL WALK AND CURB
NTS



CATCH BASIN BORDER DETAIL
NTS

- ① COC ITEM 452 NON-REINFORCED CONCRETE PAVEMENT, CLASS COC 1
- ② COC ITEM 304 AGGREGATE BASE (T=6")

PLOT LOCATION: D:\P\PROJECTS\2019\20190815\ALKIRE\ALKIRE.DWG - 5/17/2019 10:41 PM - TPOWEE

EASEMENT REFERENCE			REVISIONS			
CITY NO.	COUNTY RECORDER VOL.	PAGE	GRANTOR	NO.	DESCRIPTION	APPROVAL/DATE

EASEMENT REFERENCE			REVISIONS			
CITY NO.	COUNTY RECORDER VOL.	PAGE	GRANTOR	NO.	DESCRIPTION	APPROVAL/DATE

ALKIRE ROAD CHURCH OF CHRIST

STANDARD DETAILS

PROJECT TITLE:					
PRIVATE STORM SEWER AND STORMWATER FACILITIES FOR ALKIRE ROAD CHURCH OF CHRIST					
2779 ALKIRE ROAD CITY OF COLUMBUS, OHIO - FRANKLIN COUNTY					
OWNER			CONTRACTOR		
INSPECTOR					
AGREEMENT		COMPLETED			
RPD	CKD	GLD	CON. DR.		
INDEX DETAIL					

CITY OF COLUMBUS DEPARTMENT OF PUBLIC UTILITIES DIVISION OF SEWERAGE AND DRAINAGE	
DIVISION USE ONLY	
SCALE: N/A	SHEET: 3/10
CONTRACT DRAWING NO. CC-19884	RECORD PLAN NO.

ESTIMATE OF QUANTITIES			
ITEM#	QTY	UNIT	DESCRIPTION
202*	2650	SY	PAVEMENT REMOVED
202	127	FT	PIPE REMOVED, 24 INCH AND UNDER
202	320	FT	SPECIAL - PIPE CLEANOUT, 24" AND UNDER
204*	2650	SY	SUBGRADE COMPACTION
204*	4	HR	PROOF ROLLING
252	350	FT	FULL DEPTH PAVEMENT SAWING
254*	5000	SY	PAVEMENT PLANING, ASPHALT CONCRETE
304*	600	CY	AGGREGATE BASE (T = 6")
407*	550	GAL	NON-TRACKING TACK COAT
423*	500	FT	CRACK SEALING, TYPE III, AS PER PLAN
441	270	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448) PG64-22 (T = AS SHOWN)
441*	185	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), T = 2.5"
603*	300	FT	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS
603	127	FT	10" CONDUIT, TYPE B, AS PER PLAN
604	1	EA	CATCH BASIN RECONSTRUCTED TO GRADE, AS PER PLAN
608	35	SF	4 INCH CONCRETE WALK
608	325	SF	6 INCH CONCRETE WALK WITH INTEGRAL VEHICULAR CURB, AS PER PLAN
608	50	SF	DETECTABLE WARNING, TYPE E
623	1	LS	CONSTRUCTION LAYOUT STAKES AND SURVEYING
624	1	LS	MOBILIZATION
630	55	FT	GROUND MOUNTED SUPPORT, NO. 3 POST
630	15	SF	SIGN, FLAT SHEET
630	3	EA	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL
630	3	EA	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL
644	125	FT	TRANSVERSE / DIAGONAL LINE
644	2750	FT	PARKING LOT STALL MARKING
644	5	EA	HANDICAP SYMBOL MARKING
659	380	SY	SEEDING & MULCHING, AS PER PLAN
690	5	EA	SPECIAL - CONCRETE PARKING BLOCK
832	500	SY	CONSTRUCTION SEEDING AND MULCHING
832	8	EA	INLET PROTECTION
832	1050	LF	STRAW WATTLE

* AS DIRECTED BY THE ENGINEER

11/20/2024 10:00 AM EST - 11/20/2024 10:00 AM EST

EASEMENT REFERENCE			
CITY NO.	COUNTY RECORDER		GRANTOR
	VOL.	PAGE	

REVISIONS		
NO.	DESCRIPTION	APPROVAL/DATE

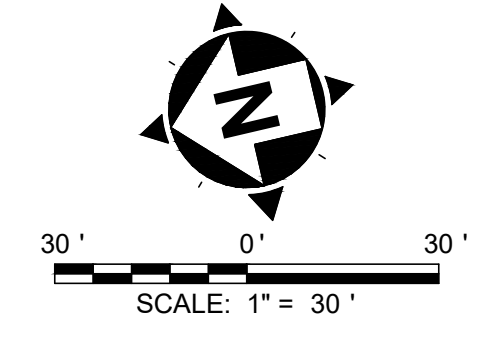


**ALKIRE ROAD
CHURCH OF CHRIST**

QUANTITIES

PROJECT TITLE:			
PRIVATE STORM SEWER AND STORMWATER FACILITIES FOR ALKIRE ROAD CHURCH OF CHRIST 2779 ALKIRE ROAD CITY OF COLUMBUS, OHIO - FRANKLIN COUNTY			
OWNER		CONTRACTOR	
INSPECTOR			
AGREEMENT	COMPLETED		
RPD	CKD	CLD	CON. DR.
INDEX DETAIL		RECORD	

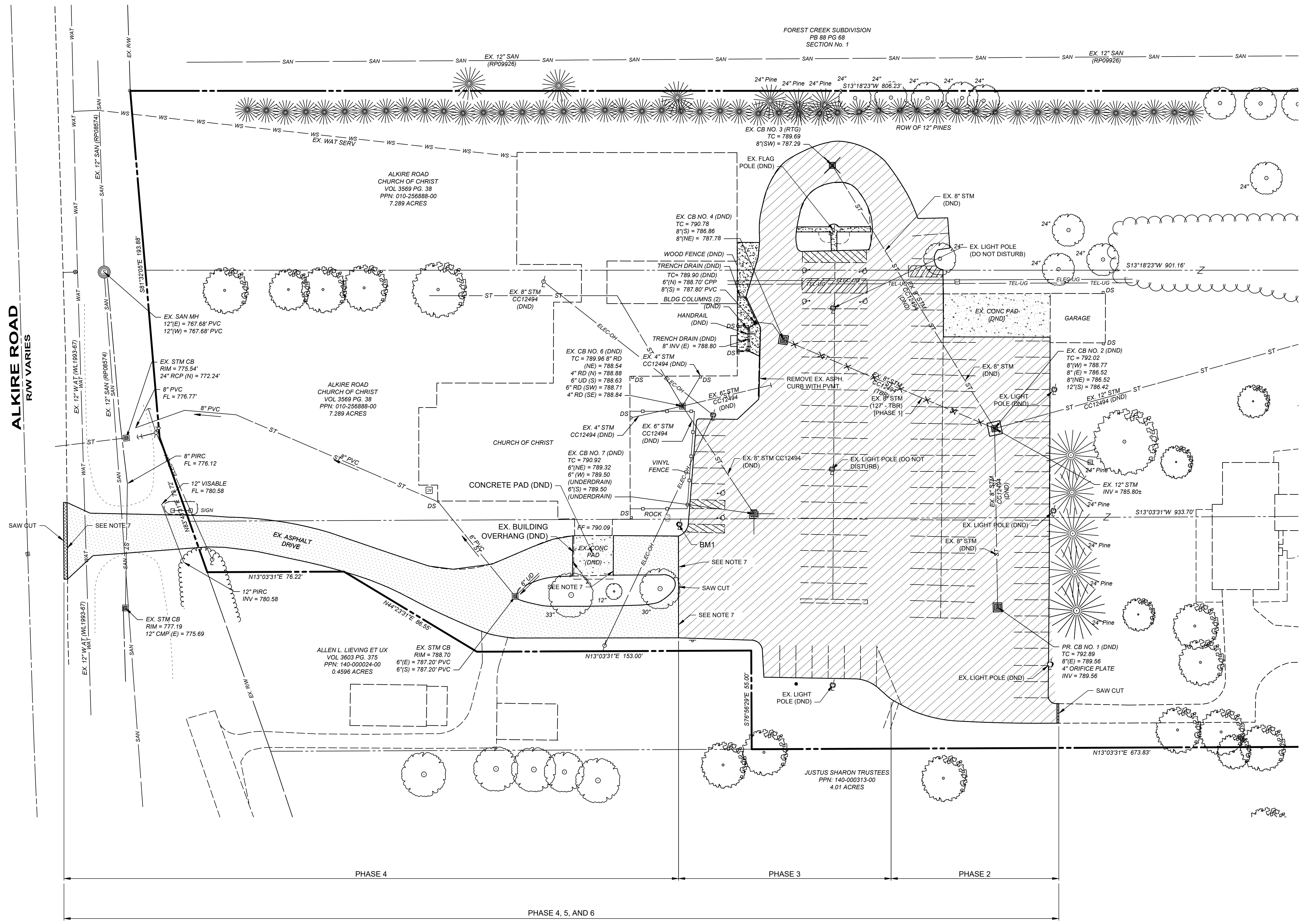
CITY OF COLUMBUS DEPARTMENT OF PUBLIC UTILITIES DIVISION OF SEWERAGE AND DRAINAGE DIVISION USE ONLY			
SCALE: N/A	SHEET: 4/10		
CONTRACT DRAWING NO. CC-19884	RECORD PLAN NO.		



- NOTES:**
1. THE EX. CONDITIONS/DEMOLITION PLAN DEPICTS SITE CONDITIONS PRIOR TO ANY CONSTRUCTION BEING PERFORMED WITHIN THIS AREA.
 2. CONTRACTOR SHALL COMPLETE A FIELD VISIT PRIOR TO STARTING CONSTRUCTION TO VERIFY SITE CONDITIONS AND DEMOLITION PLAN WITHIN THE LIMITS OF DISTURBANCE.
 3. EX. UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY LOCATION PRIOR TO CONSTRUCTION.
 4. FOR PARTIAL DEPTH PAVEMENT REMOVAL, CONTRACTOR TO REMOVE 2" OF EX. ASPHALT. SEE RESURFACING SECTION, SHEET 3.
 5. ANY EX. STORM INLETS IMPACTED BY THE NEW CONSTRUCTION ACTIVITY WILL NEED THE APPROPRIATE INLET PROTECTION FOR SEDIMENT CONTROL.
 6. THE EXISTING LIGHT POLES THAT ARE TO BE REMOVED ARE TO BE STORED AND RE-USED. THE NEW POLE BASE FOUNDATIONS ARE TO BE RECONSTRUCTED DUE TO THE LOWERING OF THE GRADE. SEE SITE PLAN FOR MORE DETAILS.
 7. TAPER DOWN OVERLAY TO MEET ADJACENT SURFACE BY MILLING A WEDGE OUT OF THE EXISTING PAVEMENT AS PER ITEM 254 WITH THE MILL LENGTH EQUAL TO 25 FEET AND THE DEPTH VARYING FROM 0" TO 1.25".

- LEGEND:**
- ASPHALT OVERLAY (T=1.25") (SEE SHEET 3 FOR DETAILS)
 - RESURFACING & PAVEMENT REPAIR
 - FULL DEPTH SAWCUT
 - EX. STORM LINE, TO BE REMOVED

ALKIRE ROAD
R/W VARIES



EASEMENT REFERENCE			REVISIONS		
CITY NO.	COUNTY RECORDER	GRANTOR	NO.	DESCRIPTION	APPROVAL/DATE
	VOL.	PAGE			

CITY NO.	COUNTY RECORDER	GRANTOR	NO.	DESCRIPTION	APPROVAL/DATE
	VOL.	PAGE			

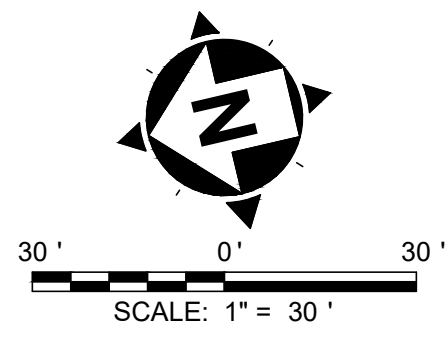
**ALKIRE ROAD
CHURCH OF CHRIST**

**EX. CONDITIONS /
SITE DEMOLITION PLAN**

PROJECT TITLE:			
PRIVATE STORM SEWER AND STORMWATER FACILITIES FOR ALKIRE ROAD CHURCH OF CHRIST			
2779 ALKIRE ROAD CITY OF COLUMBUS, OHIO - FRANKLIN COUNTY			
OWNER		CONTRACTOR	
INSPECTOR		CONTRACTOR	
AGREEMENT	COMPLETED		
RPD	CKD	CLD	CON. DR.
INDEX	DETAIL	RECORD	

CITY OF COLUMBUS DEPARTMENT OF PUBLIC UTILITIES DIVISION OF SEWERAGE AND DRAINAGE	
DIVISION USE ONLY	
SCALE: 1" = 30'	SHEET: 5/10
CONTRACT DRAWING NO. CC-19884	RECORD PLAN NO.

FILE LOCATION: D:\P\PROJECTS\2019\ALKIRE\ALKIRE\ALKIRE.DWG - EX. CONDITIONS & DEMOLITION - 11/17/2019 10:38:38 AM - TROWER



FOREST CREEK SUBDIVISION
PB 88 PG 68
SECTION No. 1

ALKIRE ROAD
R/W VARIES

SITE NOTES:

1. PROVIDE SMOOTH TRANSITION FROM NEWLY PAVED AREAS TO EXISTING PAVED AREAS AS NECESSARY. THE EXISTING EDGE OF PAVEMENT SHALL BE FREE OF ALL LOOSE DEBRIS AT ALL AREAS WHERE PROPOSED PAVEMENT MEETS EXISTING PAVEMENT. THE EDGE OF EXISTING ASPHALT PAVEMENT SHALL BE PROPERLY SEALED WITH A TACK COAT MATERIAL IN ALL AREAS WHERE NEW ASPHALT PAVEMENT IS INDICATED TO JOIN EXISTING.
2. CONTRACTOR IS RESPONSIBLE FOR LOCATING AND VERIFYING ALL EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION, AND IS RESPONSIBLE FOR ANY DAMAGE TO THEM DURING CONSTRUCTION.
3. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR AND TAKE ALL PRECAUTIONS NECESSARY TO AVOID DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT. ANY WORK THAT ENCROACHES AND/OR DISTURBS LAND ON THE ADJACENT PROPERTY REQUIRES A WORK AGREEMENT (OR SIMILAR) BETWEEN THE OWNERS.
4. ALL DIMENSIONS ARE TO EDGE OF PAVEMENT OR FACE OF CURB UNLESS OTHERWISE NOTED.
5. ALL CONSTRUCTION METHODS AND MATERIALS MUST CONFORM TO CURRENT STANDARDS AND SPECIFICATIONS OF THE FEDERAL, STATE COUNTY, CITY OR LOCAL REQUIREMENTS, WHICHEVER HAS JURISDICTION.
6. ALL EXCAVATED AREAS TO BE SEEDED AND/OR SODDED AFTER FINISH GRADING UNLESS OTHERWISE NOTED. ALL NEWLY SEEDED/SODDED AREAS SHALL HAVE A MINIMUM OF 4" OF TOPSOIL. HOLD SOIL DOWN 1" FROM PAVEMENT ELEVATION. CONTRACTOR TO SUPPLY STRAW MULCH WHERE GRASS SEED HAS BEEN PLANTED.
7. DO NOT DISTURB EXISTING LIGHT POLES OR LIGHT POLE FOUNDATIONS UNLESS OTHERWISE NOTED. DO NOT DISTURB UNDERGROUND LIGHTING CABLES BENEATH THE PARKING LOT. ANY DAMAGE TO THESE ITEMS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
8. IT IS BELIEVED THAT THE PROPERTY TO THE SOUTH OF THE PROJECT LIMITS (2791 ALKIRE) IS PROVIDED WATER THROUGH AN UNDERGROUND WELL. SINCE THERE ARE NO WATER TAP RECORDS WITH THE CITY OF COLUMBUS. CONTRACTOR SHALL VERIFY AND LOCATE ANY WATER SERVICE BENEATH THE PARKING LOT. CONTRACTOR SHALL NOT DISTURB ANY WATER SERVICE. ANY DAMAGES TO A WATER SERVICE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

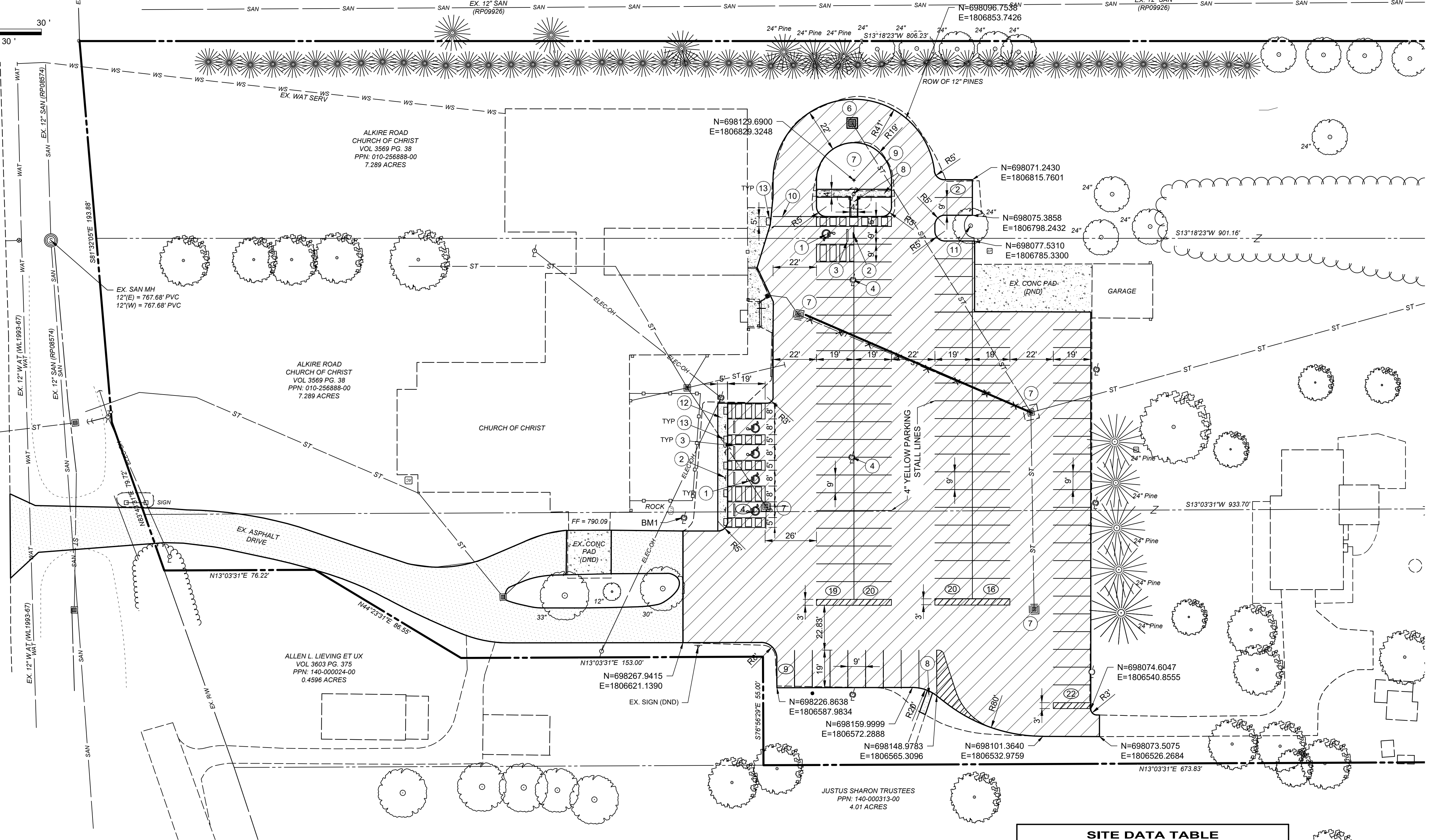
KEYNOTES:

- ① ADA PARKING SPACE
- ② ADA PARKING SIGN, SEE DETAIL ON SHEET 3
- ③ CONCRETE BUMPER BLOCK, SEE DETAIL ON SHEET 3
- ④ NOT USED
- ⑤ NOT USED
- ⑥ EX. STORM CATCH BASIN, ATG W/ CONCRETE APRON
- ⑦ EX. STORM CATCH BASIN
- ⑧ PR. CONCRETE SIDEWALK
- ⑨ EX. FLAGPOLE (TO REMAIN)
- ⑩ PR. CROSS WALK
- ⑪ NOT USED
- ⑫ ADA FLUSH INTEGRAL WALK AND CURB (SEE DETAIL ON SHEET 3)
- ⑬ ADA DETECTABLE WARNING SURFACE

LEGEND:

- RESURFACING AND PAVEMENT REPAIR
- PROPOSED ASPHALT OVERLAY
SEE DETAIL, SHEET 3
- PROPOSED CONCRETE SIDEWALK
- EX. CONCRETE SLAB - DO NOT DISTURB

SITE DATA TABLE		
DESCRIPTION	EXISTING	PROPOSED
STANDARD PARKING PROVIDED	110	107
ADA PARKING REQUIRED	5	5
ADA PARKING PROVIDED	5	5
TOTAL PARKING PROVIDED	115	112



EASEMENT REFERENCE			REVISIONS		
CITY NO.	COUNTY RECORDER		NO.	DESCRIPTION	APPROVAL/DATE
	VOL.	PAGE			

EASEMENT REFERENCE			REVISIONS		
CITY NO.	COUNTY RECORDER		NO.	DESCRIPTION	APPROVAL/DATE
	VOL.	PAGE			

your trusted advisor
consultants engineers
architects
planners

**ALKIRE ROAD
CHURCH OF CHRIST**

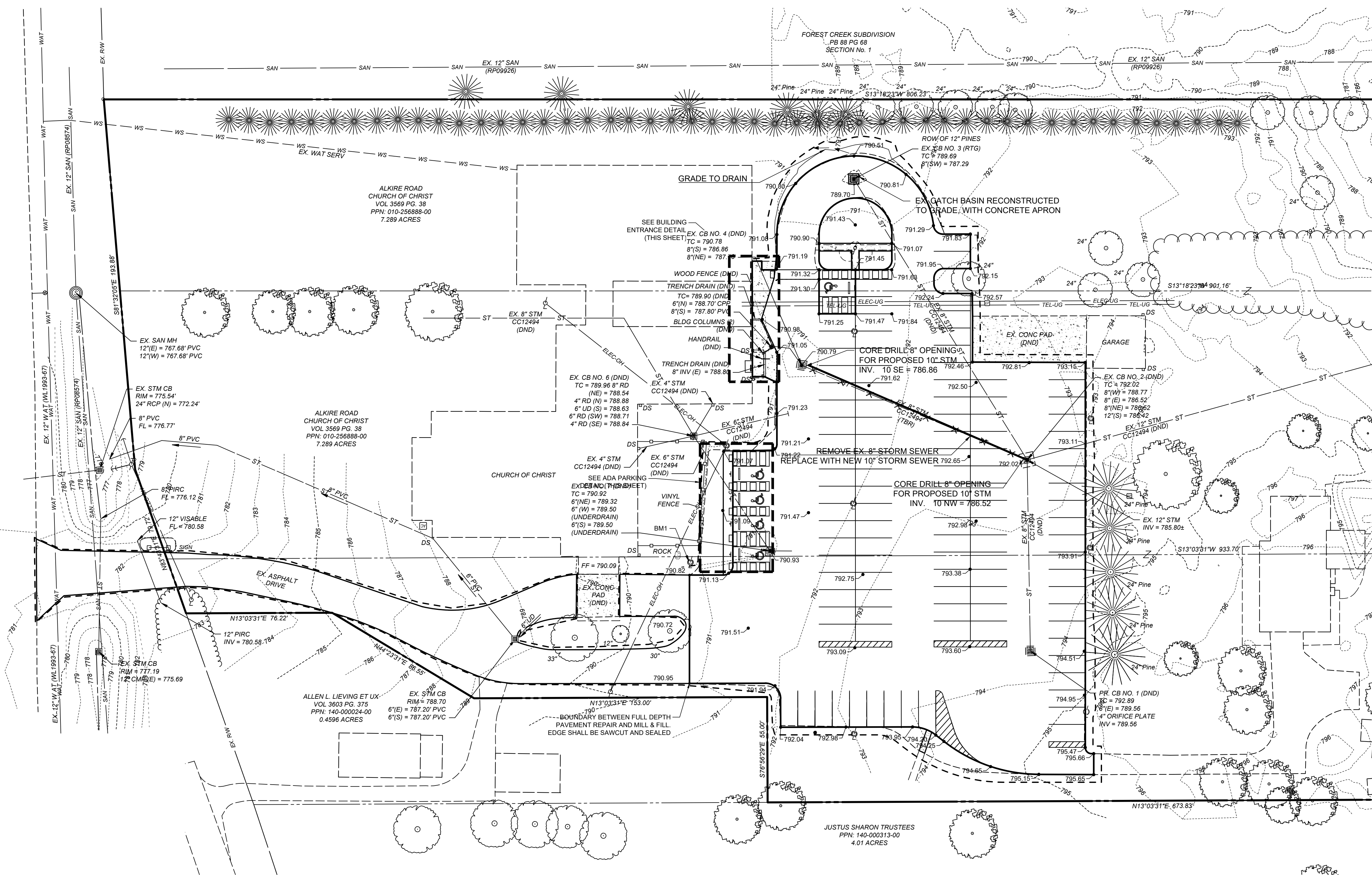
SITE DIMENSION PLAN

PROJECT TITLE:					
PRIVATE STORM SEWER AND STORMWATER FACILITIES FOR ALKIRE ROAD CHURCH OF CHRIST					
2779 ALKIRE ROAD CITY OF COLUMBUS, OHIO - FRANKLIN COUNTY					
OWNER			CONTRACTOR		
INSPECTOR			RECORD		
AGREEMENT	RPD	CKD	COMPLETED	GLD	CON. DR.
INDEX	DETAIL		RECORD		

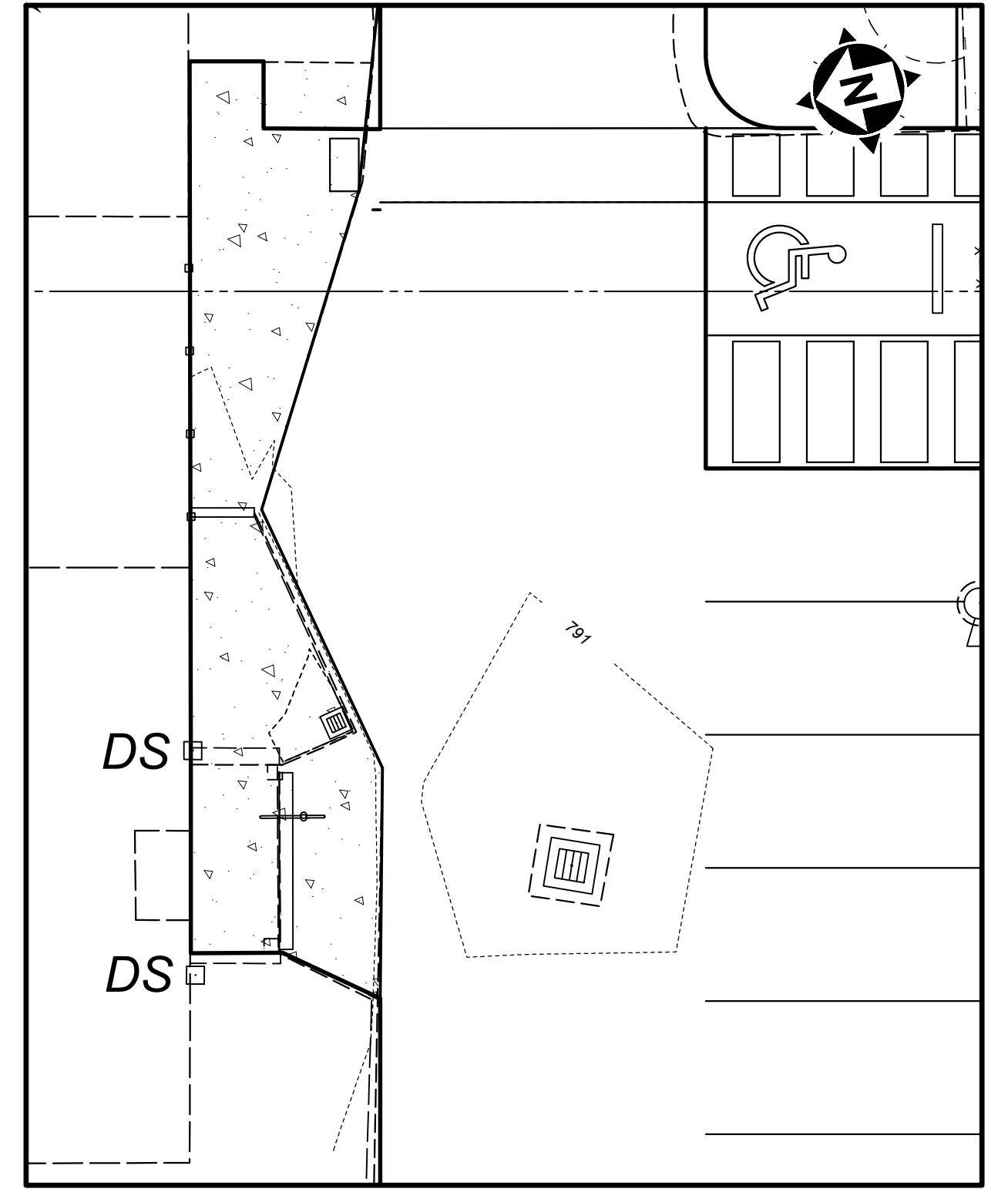
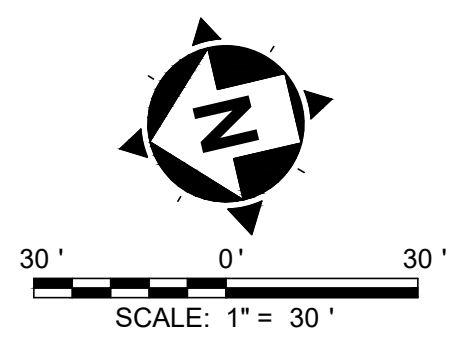
CITY OF COLUMBUS DEPARTMENT OF PUBLIC UTILITIES DIVISION OF SEWERAGE AND DRAINAGE			
DIVISION USE ONLY			
SCALE:	1" = 30'	SHEET:	6/10
CONTRACT DRAWING NO.	CC-19884	RECORD PLAN NO.	

15/03/2024 09:40:00 AM SITE PLANING - 15/03/2024 09:40:00 AM - 15/03/2024 09:40:00 AM

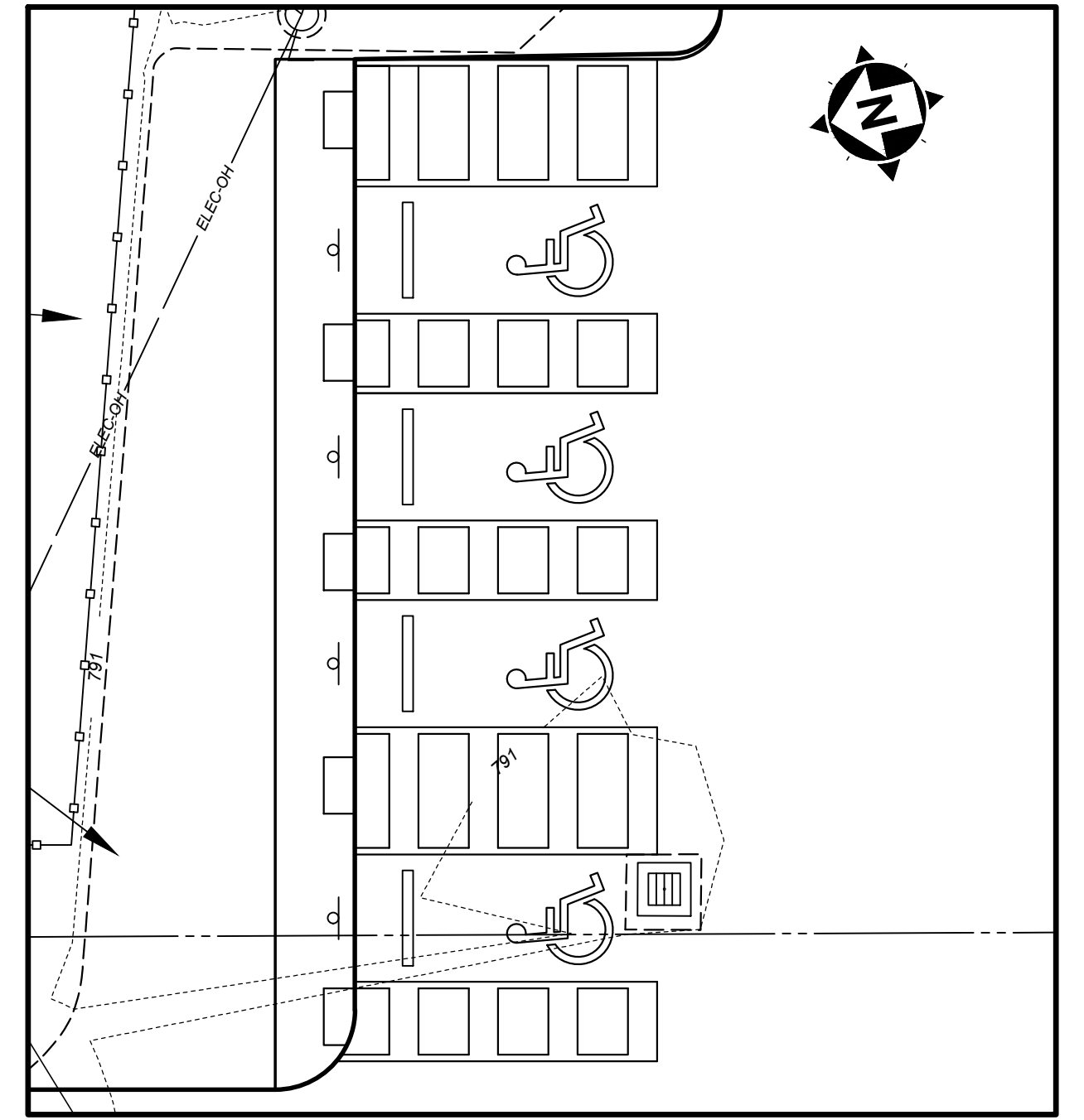
ALKIRE ROAD
R/W VARIES



NOTE:
1. CONTRACTOR SHALL MATCH ELEVATIONS OF PROPOSED PARKING LOT WITH EXISTING PARKING LOT.



BUILDING ENTRANCE DETAIL
SCALE: 1" = 10'



ADA PARKING DETAIL
SCALE: 1" = 10'

EASEMENT REFERENCE			REVISIONS		
CITY NO.	COUNTY RECORDER VOL. PAGE	GRANTOR	NO.	DESCRIPTION	APPROVAL/DATE

EASEMENT REFERENCE			REVISIONS		
CITY NO.	COUNTY RECORDER VOL. PAGE	GRANTOR	NO.	DESCRIPTION	APPROVAL/DATE



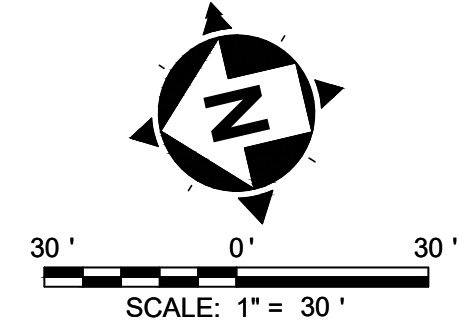
**ALKIRE ROAD
CHURCH OF CHRIST**

STORM & GRADING PLAN

PROJECT TITLE: PRIVATE STORM SEWER AND STORMWATER FACILITIES FOR ALKIRE ROAD CHURCH OF CHRIST 2779 ALKIRE ROAD CITY OF COLUMBUS, OHIO - FRANKLIN COUNTY			
OWNER		CONTRACTOR	
INSPECTOR			
AGREEMENT	COMPLETED	RECORD	
RPD	CKD	GLD	CON. DR.
INDEX	DETAIL		

CITY OF COLUMBUS DEPARTMENT OF PUBLIC UTILITIES DIVISION OF SEWERAGE AND DRAINAGE DIVISION USE ONLY	
SCALE: 1" = 30'	SHEET: 7/10
CONTRACT DRAWING NO. CC-19884	RECORD PLAN NO.

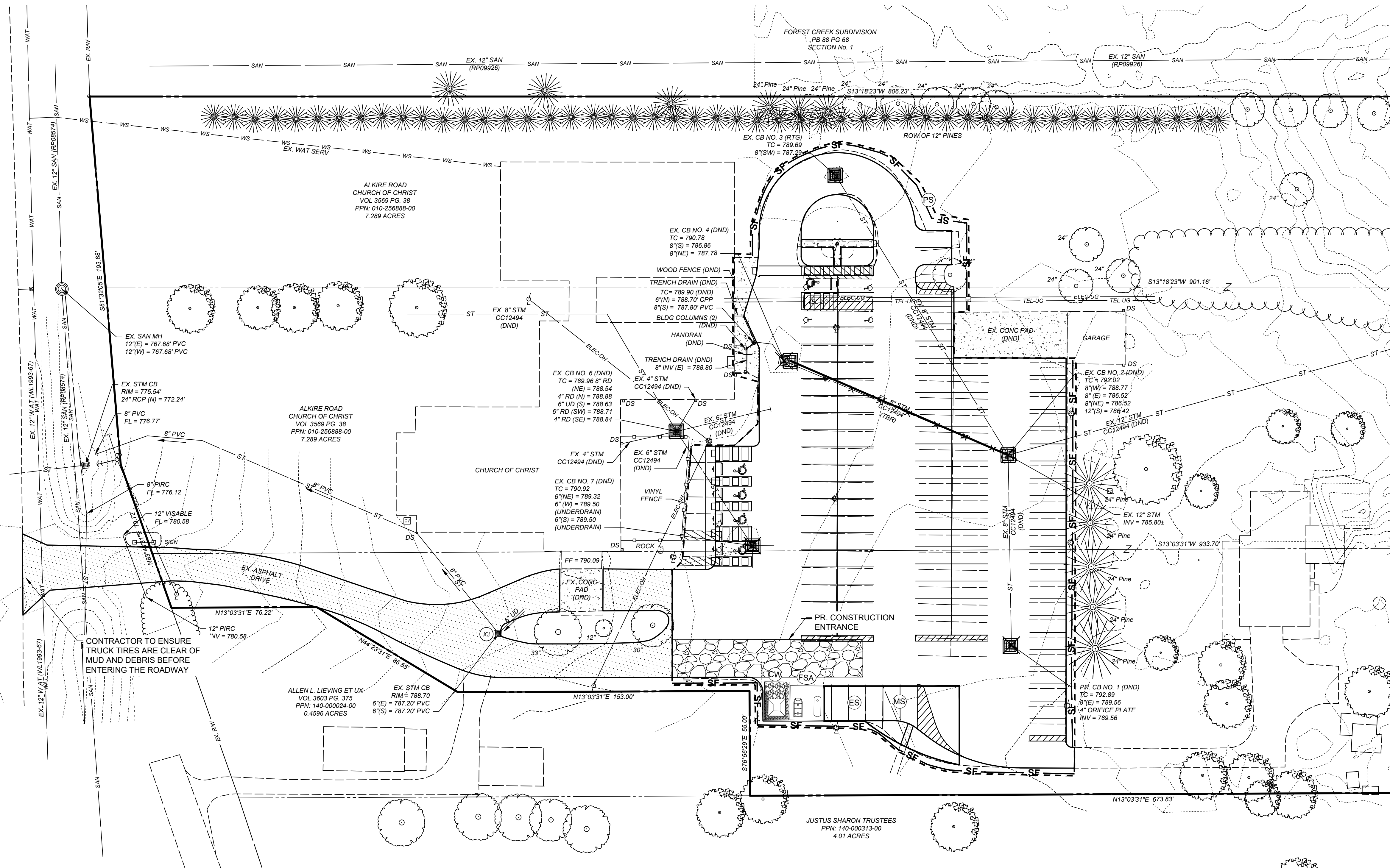
C:\PROJECTS\2018\ALKIRE\DWG\STORM\ALKIRE_STORM_PLAN_18.DWG - STORM & GRADING PLAN - 11/15/18 - 11/15/18 - 11/15/18



EROSION & SEDIMENT CONTROL ESTIMATE OF QUANTITIES			
ITEM#	QTY	UNIT	DESCRIPTION
832	500	SY	CONSTRUCTION SEEDING AND MULCHING
832	1050	LF	STRAW WATTLES (PERIMETER FILTER FABRIC FENCE)
832	8	EA	INLET PROTECTION

SWPPP LEGEND	
	SF STRAW WATTLES (PERIMETER FILTER FABRIC FENCE)
	INLET PROTECTION
	CONSTRUCTION LIMITS OF RESURFACING AND PAVEMENT REPAIR
	PAVEMENT OVERLAY (SEE SHEET 3)
	ES EQUIPMENT STORAGE
	MS MATERIAL STORAGE
	CW CONCRETE WASHOUT
	FSA FUEL STORAGE AREA
	PS PERM. SEEDING

ALKIRE ROAD R/W VARIES



EASEMENT REFERENCE			REVISIONS		
CITY NO.	COUNTY RECORDER	GRANTOR	NO.	DESCRIPTION	APPROVAL/DATE
	VOL. PAGE				

CITY NO.	COUNTY RECORDER	GRANTOR	NO.	DESCRIPTION	APPROVAL/DATE

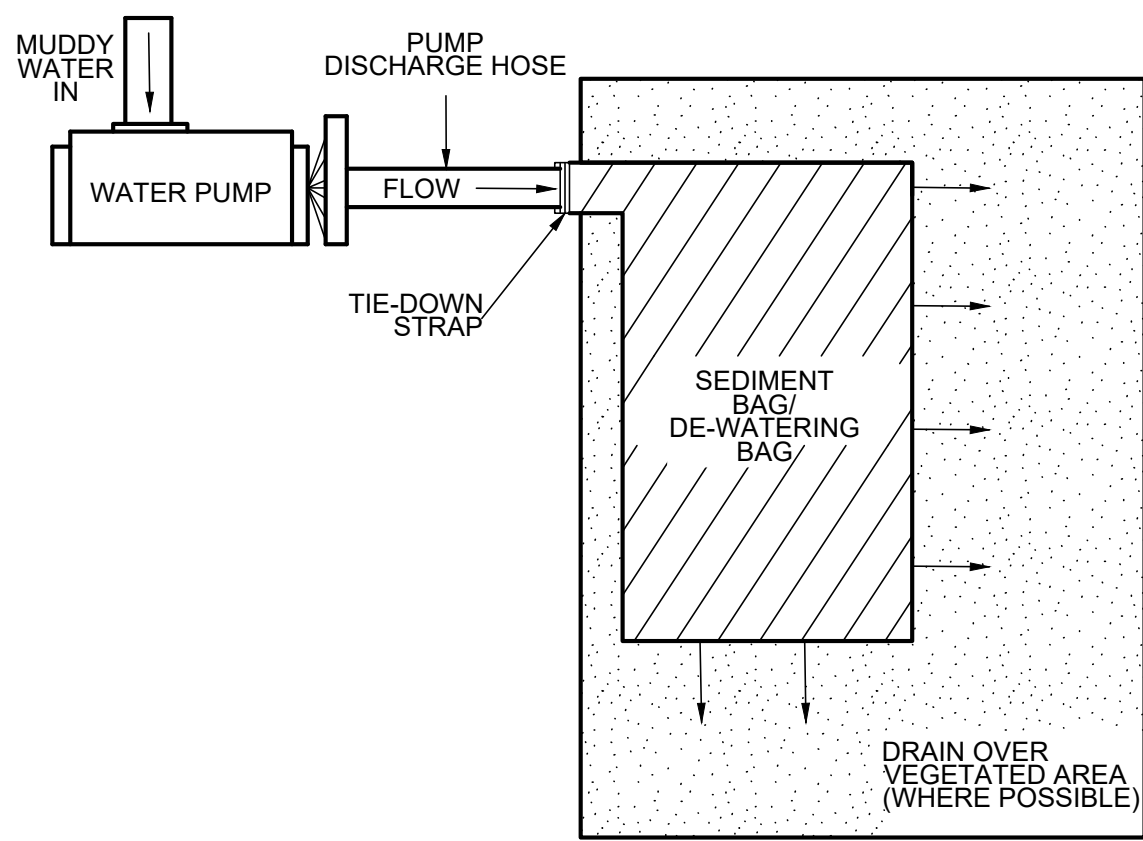


ALKIRE ROAD CHURCH OF CHRIST

SWPPP

PROJECT TITLE:			
PRIVATE STORM SEWER AND STORMWATER FACILITIES FOR ALKIRE ROAD CHURCH OF CHRIST			
2779 ALKIRE ROAD CITY OF COLUMBUS, OHIO - FRANKLIN COUNTY			
OWNER		CONTRACTOR	
INSPECTOR		INSPECTOR	
AGREEMENT	COMPLETED	CON. DR.	RECORD
RPD	CKD	GLD	CON. DR.
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CITY OF COLUMBUS DEPARTMENT OF PUBLIC UTILITIES DIVISION OF SEWERAGE AND DRAINAGE	
DIVISION USE ONLY	
SCALE: 1" = 30'	SHEET: 8 / 10
CONTRACT DRAWING NO. CC-19884	RECORD PLAN NO.



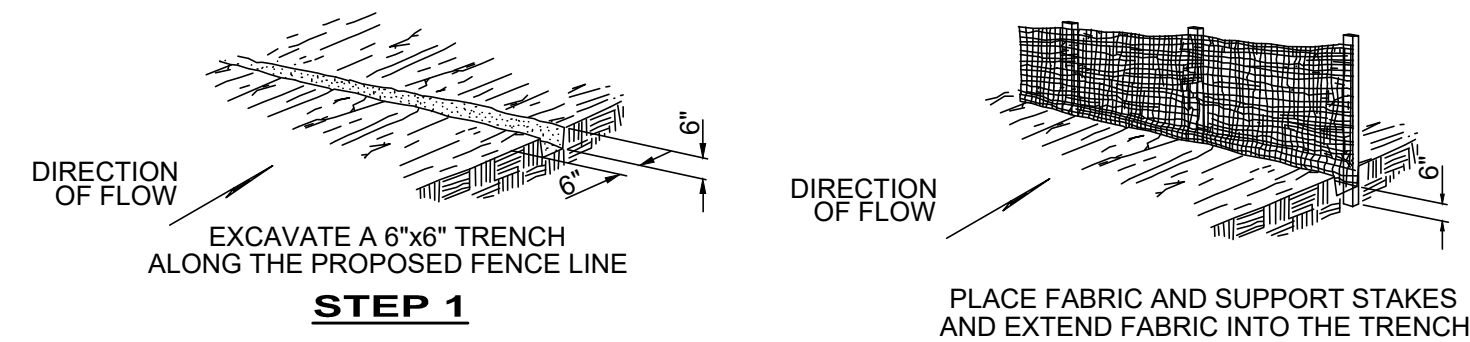
DISCHARGE SET-UP FOR PUMPING MUDDY WATER
NTS

THE PUMPING OR DIRECT DISCHARGE OF SEDIMENT-LADEN (MUDDY) WATER TO THE CITY'S SEWER SYSTEM OR RECEIVING STREAM IS A VIOLATION OF OHIO EPA AND CITY OF COLUMBUS REGULATIONS.

ALL INLETS RECEIVING FLOW FROM RUNOFF, PUMPING ACTIVITIES, OR OTHER DIRECT DISCHARGES SHALL BE FITTED WITH AN INLET PROTECTION DEVICE THAT IS PROPERLY SIZED AND SECURED TO REDUCE THE DISCHARGE OF SEDIMENT INTO THE STORM SEWER SYSTEM AND RECEIVING STREAM. INLET PROTECTION IS REQUIRED ON ALL INLETS RECEIVING DISCHARGE REGARDLESS OF WHETHER OR NOT THE INLET IS TRIBUTARY TO ANY DOWNSTREAM EROSION AND SEDIMENT CONTROLS.

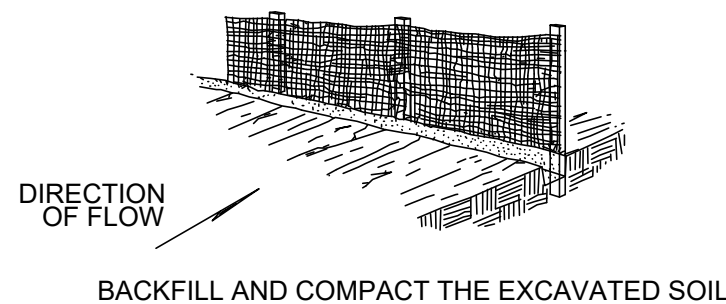
DISCHARGE HOSES USED DURING PUMPING ACTIVITIES SHALL BE FITTED WITH SEDIMENT BAGS THAT ARE PROPERLY SIZED PER MANUFACTURER'S RECOMMENDATIONS REGARDLESS OF WHAT OTHER SEDIMENT CONTROLS ARE IN PLACE FURTHER DOWNSTREAM. SEDIMENT BAGS MUST BE PROPERLY SECURED TO THE DISCHARGE HOSE AND PLACED OVER VEGETATED AREAS, WHERE FEASIBLE, DURING DISCHARGE. SEE DETAIL BELOW OF A TYPICAL SEDIMENT BAG INSTALLATION.

PERIMETER FILTER FABRIC FENCE

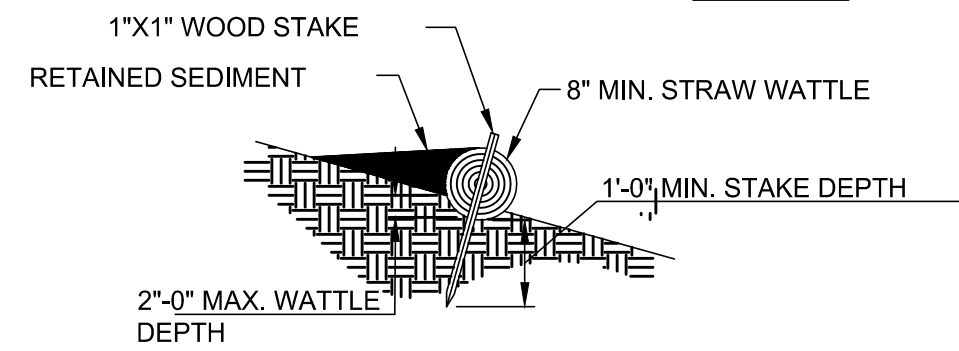


STEP 1

STEP 2



STEP 3



NOTES:

THE WATTLE SHALL BE A STRAW-FILLED TUBE OF FLEXIBLE NETTING MATERIAL EXHIBITING THE FOLLOWING PROPERTIES. IT SHALL BE A MACHINE-PRODUCED TUBE OF COMPACTED RICE STRAW THAT IS CERTIFIED WEED FREE FORAGE AND SHALL BE PRODUCED BY A MANUFACTURER WHOSE PRINCIPAL BUSINESS IS WATTLE MANUFACTURING. THE NETTING SHALL CONSIST OF SEAMLESS, HIGH DENSITY POLYETHYLENE AND ETHYL VINYL ACETATE AND CONTAIN ULTRA VIOLET INHIBITORS.

STRAW WATTLES MAY REQUIRE MAINTENANCE TO ENSURE THAT THE STAKES ARE HOLDING AND THE WATTLES ARE STILL IN CONTACT WITH THE SOIL.

STRAW WATTLE SHALL BE PLACED ALONG THE RIGHT OF WAY LINES EXCEPT FOR PAVEMENT CROSSINGS.

STRAW WATTLE:
NTS

NOTES:

MATERIALS:

FURNISH 30" WIDE FILTER FABRIC WITH SOUND WOOD SUPPORTS WITH MAXIMUM ON-CENTER SPACING OF 10'. USE FILTER FABRIC CONFORMING TO MATERIAL SPEC 712.09, TYPE C

CONSTRUCTION:

TRENCH THE FILTER FABRIC FENCE AS DETAILED. THE CONTRACTOR MAY ELECT TO TRENCH THE FENCE DETAILED ON STEPS 1 THROUGH 3 IN ONE PLOWING OPERATION

MAINTENANCE:

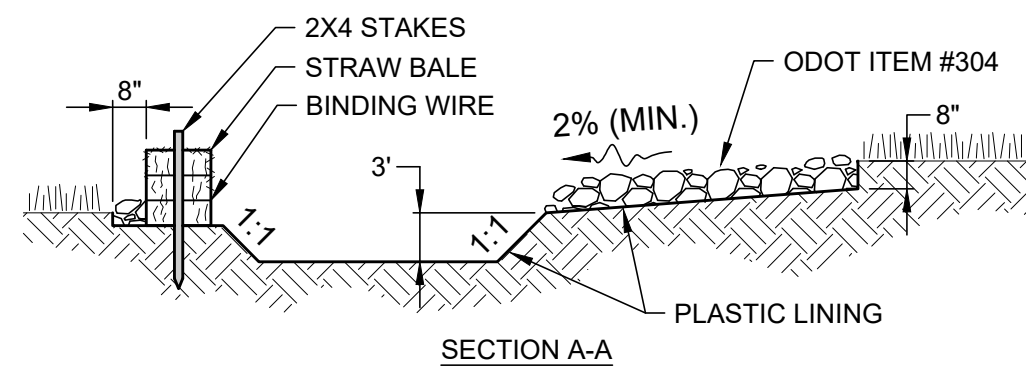
IF RUNOFF OVERTOPS THE FENCE, FLOWS UNDER THE FABRIC, AROUND THE FENCE ENDS, OR IN ANY OTHER WAY ALLOWS CONCENTRATED FLOW TO DISCHARGE, ONE OF THE FOLLOWING MUST BE PREFORMED:

1. THE LAYOUT OF THE FENCE SHALL BE CHANGED
2. SEDIMENT SHALL BE REMOVED
3. ANOTHER BMP SHALL BE INSTALLED

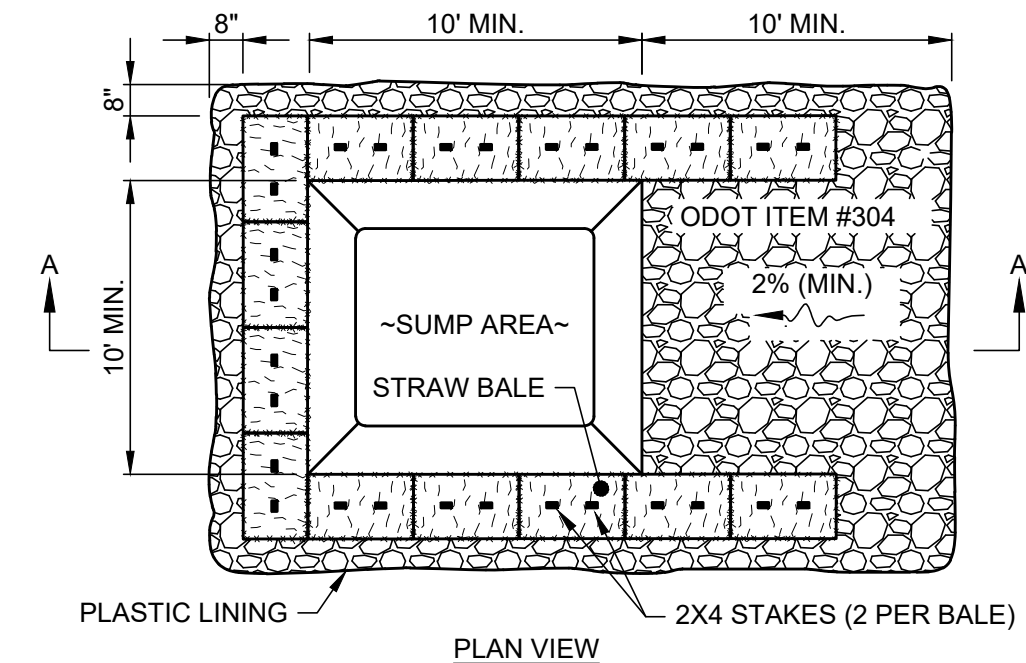
SEDIMENT DEPOSITS SHALL BE ROUTINELY REMOVED OR WHEN THE SEDIMENT REACHES ONE- HALF (1/2) OF THE HEIGHT OF THE FENCE

FILTER FABRIC FENCE SHALL BE INSPECTED AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONG RAINFALL. THE LOCATION OF THE FENCE SHALL BE REVIEWED DAILY TO ENSURE EFFECTIVENESS

REPAIRS SHALL BE MADE AS NEEDED TO ENSURE BMP IS PERFORMING AS INTENDED



SECTION A-A



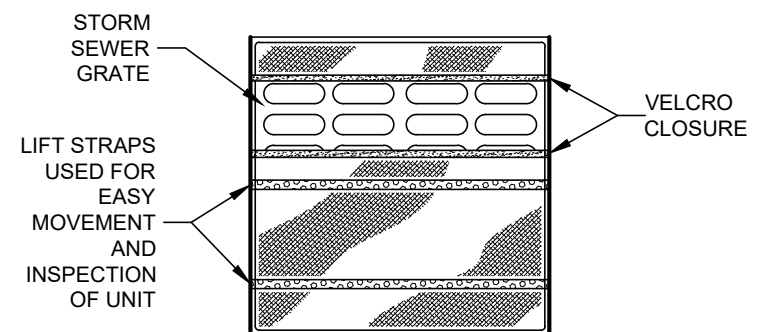
PLAN VIEW

NOTES:

1. CONCRETE WASHOUT AREA SHALL BE LOCATED A MINIMUM OF 100' FROM STORM SEWER INLETS, STREAMS, WETLANDS OR ANY OTHER SURFACE WATERS.
2. IF CONCRETE WASHOUT AREA IS LOCATED AWAY FROM A PAVED SURFACE, CONSTRUCT A GRAVEL ACCESS ROUTE EQUAL IN COMPOSITION TO A CONSTRUCTION ENTRANCE.
3. CONCRETE WASHOUT AREA SHALL BE SUFFICIENT SIZE TO CONTAIN CONCRETE WASTE GENERATED. LARGE SITES MAY REQUIRE MULTIPLE CONCRETE WASHOUT AREAS.
4. PLASTIC LINING SHALL BE DOUBLE-LINED, CONTINUOUS 10-ML POLYETHYLENE SHEETING FREE OF HOLES, TEARS OR OTHER DEFECTS INSTALLED ON A SMOOTH, LEVEL SURFACE, FREE OF LARGE ROCKS AND DEBRIS.
5. CONCRETE WASHOUT SIGNAGE SHALL BE CLEARLY VISIBLE AND LOCATED WITHIN 30 FEET OF EACH WASHOUT AREA.
6. CONCRETE WASHOUT AREA SHALL BE COVERED DURING INCLEMENT WEATHER TO PREVENT OVERFLOW.
7. PREFABRICATED, PORTABLE AND RE-USABLE CONCRETE WASHOUT CONTAINERS ARE ACCEPTABLE.
8. CONCRETE WASHOUT AREA SHALL BE INSPECTED DAILY TO CHECK FOR DAMAGE AND DETERMINE IF IT NEEDS CLEANED OR REPLACED. ANY DAMAGE TO THE SIDEWALLS OR PLASTIC LINING SHALL BE REPAIRED IMMEDIATELY. REPLACE THE ENTIRE CONCRETE WASHOUT AREA WHEN IT IS 75% FULL.

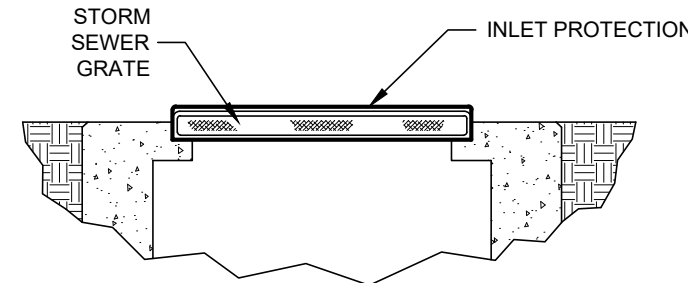
CONCRETE WASHOUT DETAIL

SCALE: NONE



STRUCTURES TO RECEIVE INLET PROTECTION (SEE SWPPP)

- EX. NO. 1
- EX. NO. 2
- EX. NO. 3
- EX. NO. 4
- EX. NO. 5
- EX. NO. 6
- EX. NO. 7



INLET PROTECTION

MATERIALS:

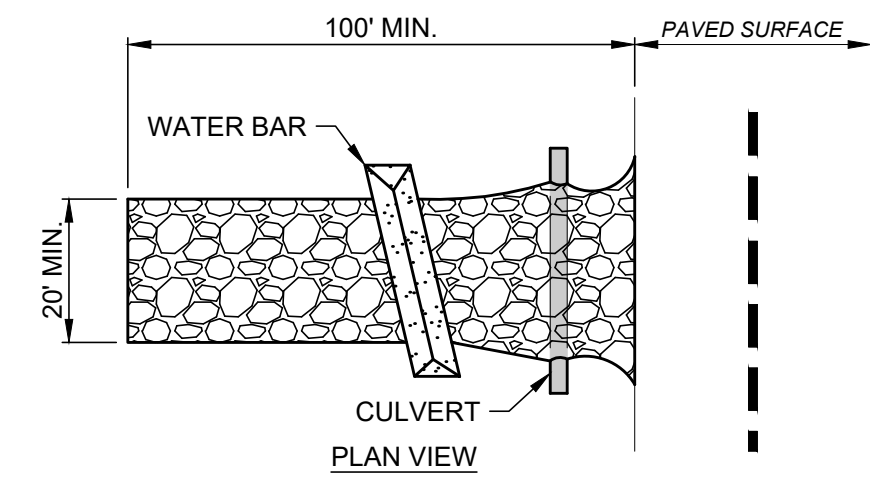
FURNISH INLET PROTECTION CONFORMING TO THE SPECIFICATIONS LISTED ABOVE.

INSTALLATION:

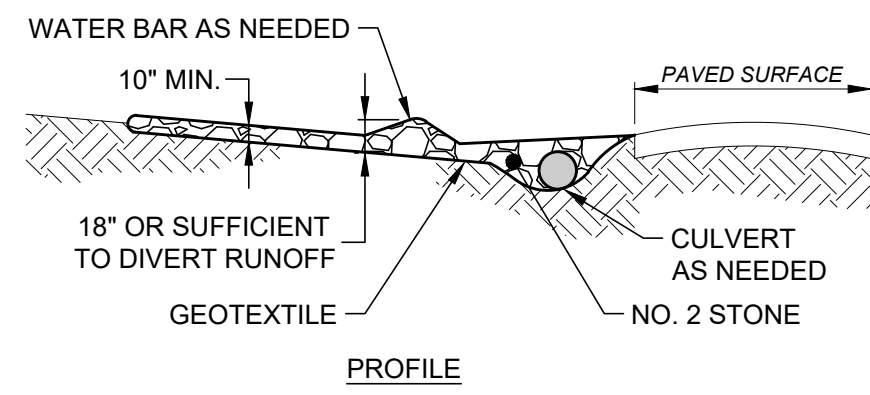
- 1) REMOVE GRATE FROM CATCH BASIN
- 2) PLACE THE EMPTY DANDY BAG UNIT OVER THE GRATE AS THE GRATE STANDS ON END.
- 3) HOLDING THE LIFTING STRAPS INSERT THE GRATE INTO ITS FRAME

PAYMENT:

ITEM 207 - INLET PROTECTION - EA



PLAN VIEW



PROFILE

NOTES:

1. GEOTEXTILE SHALL BE COMPOSED OF STRONG ROT-PROOF POLYMERIC FIBERS MEETING THE FOLLOWING:

TENSILE STRENGTH	200 LB
PUNCTURE STRENGTH	80 PSI
TEAR STRENGTH	50 LB
BURST STRENGTH	320 PSI
ELONGATION	20%
EQUIVALENT OPENING SIZE	< 0.6 MM
PERMITTIVITY	0.001 CM/SEC.
2. INSTALL WATER BAR, AS NEEDED, TO PREVENT SURFACE RUNOFF FROM FLOWING OUT ONTO PAVEMENT.
3. APPLY ADDITIONAL STONE AS CONDITIONS DEMAND. REPLENISH STONE WHEN THE DEPTH IS LESS THAN 6", AND REPLACE IF STONES BECOMES MUD-LADEN.
4. IMMEDIATELY REMOVE MUD DROPPED, WASHED OR TRACKED ONTO ROADS OR ANY SURFACE WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS BY SCRAPING OR SWEEPING.
5. CONSTRUCTION ENTRANCE SHALL NOT BE RELIED UPON TO REMOVE MUD FROM VEHICLES OR PREVENT OFF-SITE TRACKING. VEHICLES THAT ENTER AND LEAVE THE SITE SHALL BE RESTRICTED FROM MUDDY AREAS.
6. CONSTRUCTION ENTRANCE SHALL REMAIN UNTIL THE DISTURBED AREA IS STABILIZED OR REPLACED WITH A PERMANENT ROADWAY.

CONSTRUCTION ENTRANCE DETAIL

SCALE: NONE

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ALKIRE ROAD CHURCH OF CHRIST

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DIVISION USE ONLY	
SCALE: N/A	SHEET: 10/10
CONTRACT DRAWING NO. CC-19884	RECORD PLAN NO.

11/20/2024 09:40:00 AM SWPPP NOTES & DETAIL DURING: 11/20/24 09:40:00 AM - 11/20/24 09:40:00 AM